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TEST ITEM

**ETHYL TERTIARY BUTYL ETHER (ETBE)
CAS No. 637-92-3**

STUDY TITLE

**TWO-GENERATION STUDY
(REPRODUCTION AND FERTILITY EFFECTS)
BY ORAL ROUTE (GAVAGE) IN RATS**

STUDY DIRECTOR

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STATEMENT OF THE STUDY DIRECTOR

The study was conducted in compliance with the following Good Laboratory Practice regulations:

- . OECD Principles on Good Laboratory Practice (as revised in 1997), ENV/MC/CHEM (98) 17,
- . Commission Directive 1999/11/EC of 8 March 1999 adapting to technical progress the Principles of Good Laboratory Practice as specified in Council Directive 87/18/EEC on the harmonization of laws, regulations and administrative provisions relating to the application of the Principles of Good Laboratory Practice and the verification of their applications for tests on chemical substances (OJ No. L 77 of 23.3.1999),
- . Décret N° 98-1312 du 31 décembre 1998 concernant les Bonnes Pratiques de Laboratoire (Journal Officiel du 1er janvier 1999), Ministère de l'Economie, des Finances et de l'Industrie,
- . US Environmental Protection Agency, Federal Register, 40 CFR Part 792 ; Toxic Substances Control Act; Good Laboratory Practice Standards, August 17, 1989 (and subsequent amendments),
- . Japanese Ministry of International Trade and Industry, Good Laboratory Practice Standards, Basic Industries Bureau, KanHogyo No. 39, March 31, 1984,
- . Japanese Ministry of Health and Welfare, Good Laboratory Practice Standards, Pharmaceutical Affairs Bureau, YakuHatsu No. 229 and Environmental Agency, 59 KiKyoku No. 85, March 31, 1984.

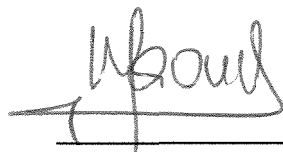
The two exceptions were the measurement of spontaneous locomotor activity and anogenital distance of the pups which were carried out with an equipment which was not GLP-validated. This is not expected to affect the validity of the results obtained or the conclusions drawn from these data.

The study was conducted in compliance with Animal Health regulation, in particular:

- . Council Directive No. 86/609/EEC of 24th November 1986 on the harmonization of laws, regulations or administrative provisions relating to the protection of animals used for experimental or other scientific purposes.

I declare that this report constitutes a true and faithful record of the procedures undertaken and the results obtained during the performance of the study.

This study was performed at CIT, BP 563, 27005 Evreux, France.



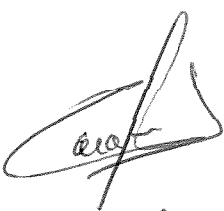
W. Gaoua
Study Director

Doctor of Reproductive Toxicology, Ph.D.

Study completion date: 16 July 2006

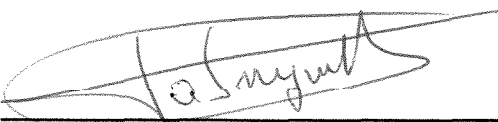
OTHER SCIENTISTS INVOLVED IN THE STUDY

Pharmacy


po J. Garapon


X. Manciaux Date: 16 July 2004
Doctor of Pharmacy
Head of Pharmacy

Analytical Chemistry



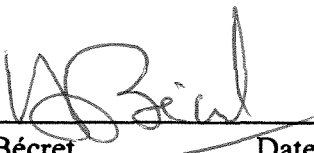
G. Fabreguettes Date: 15 July 2004
D.E.S.S. (Analytical Chemistry)

Toxicology



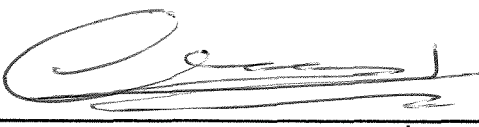
O. Foulon Date: 16 July 2004
Doctor of Pharmacy, Ph.D.
Head of Reproductive Toxicology

Macroscopic and microscopic examinations



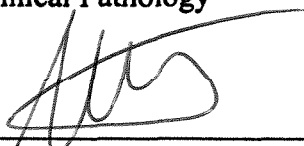
A. Bécret Date: 15 JUL. 2004
Doctor of Human Medicine

CIT Management



M. Attia Date: 16 July 2004
B.V.Msc., D.V.P., Ph.D.
Director of Histopathology and
Clinical Pathology

CIT Management



S. de Jouffrey Date: 16 July 2004
Doctor of Veterinary Medicine
Director of Operations

STATEMENT OF QUALITY ASSURANCE UNIT

Type of inspection	Dates		
	Inspection	Reported to Study Director (*)	Reported to Management (*)
Study plan	13 March 2003	20 March 2003	07 April 2003
Study inspection	07 April 2003	09 April 2003	10 April 2003
Study inspection	23 April 2003	25 April 2003	19 May 2003
Study inspection	12 June 2003	23 June 2003	24 June 2003
Study inspection	02 July 2003	07 July 2003	24 July 2003
Study inspection	23 July 2003	30 July 2003	11 August 2003
Study inspection	25 July 2003	30 July 2003	08 August 2003
Data audit	31 July 2003	03 August 2003	08 August 2003
Study inspection	02 October 2003	07 October 2003	09 October 2003
Data audit	13 October 2003	14 October 2003	06 April 2004
Study inspection	09 December 2003	10 December 2003	12 December 2003
Report	26 May 2004	22 June 2004	12 July 2004

In addition to the above-mentioned inspections, at about the same time as this study described in the present report, process-based and routine facility inspections of critical procedures relevant to this study were also made by the Quality Assurance Unit.

The findings of these inspections were reported to the Study Director and to CIT Management.

The inspections were performed in compliance with CIT Quality Assurance Unit procedures and Principles of Good Laboratory Practice.

The reported methods and procedures were found to describe those used and the results to constitute an accurate and complete reflection of the study raw data.

p.o. 

C. Galli-Kar Date: 16 July 2004
Ing. Biol.
Head of Quality Assurance Unit

(*) The dates indicated correspond to the dates of signature of audit reports by Study Director and Management.

SUMMARY

The objective of the study was to evaluate the potential effects of the test item, ETHYL TERTIARY BUTYL ETHER (ETBE), CAS No. 637-92-3, on the integrity and functioning of the male and female reproductive systems, including gonadal function, the estrous cycle, mating behaviour, conception, gestation, parturition, lactation and weaning, and on the growth and development of the offspring over two generations.

Methods

Three groups of 25 female and 25 male Sprague-Dawley rats received the test item, ETHYL TERTIARY BUTYL ETHER (ETBE), batch numbers S02-08-159-I3 (S02-08-159-I3 /1, S02-08-159-I3/2) and 308 596, by daily oral administration (gavage) at 250, 500 or 1000 mg/kg/day as follows:

F0 generation

- . 10 weeks before mating, during a 2-week mating period and until sacrifice (after weaning of the pups) for the males,
- . 10 weeks before mating, during mating, pregnancy and lactation periods (until day 21 *post-partum*) for the females.

A group of 25 males and 25 females received the vehicle (corn oil) under the same experimental conditions and acted as a reference control group.

F1 generation

After weaning of the F1 generation, on day 22 *post-partum*, three groups of 25 male and 25 female Sprague-Dawley rats received the test item, ETHYL TERTIARY BUTYL ETHER (ETBE), under the same experimental conditions as described above, during growth, mating, pregnancy and lactation, until weaning of the F2 generation.

A group of 25 males and 25 females received the vehicle alone (corn oil) under the same experimental conditions and acted as a reference control group.

F2 generation

At weaning of the F2 generation, on day 22 *post-partum*, three groups of 25 male and 25 female Sprague-Dawley rats received the test item, ETHYL TERTIARY BUTYL ETHER (ETBE), under the same experimental conditions as described above until sexual maturity.

A group of 25 males and 25 females received the vehicle alone (corn oil) under the same experimental conditions and acted as a reference control group.

Examination of F0 generation

Clinical signs and mortality were checked daily, and food consumption and body weight data recorded at designated intervals. The estrous cycle was monitored 3 weeks before mating and during the mating period.

Males and females were paired for up to 2 weeks or until mating occurred.

The F0 females were allowed to deliver normally, and rear their progeny. Pregnancy and litter parameters were recorded and anogenital distance was measured on day 1 *post-partum*.

During the lactation period, the pups (F1 generation) were observed daily for survival and clinical signs; body weight was recorded at designated intervals; the sex-ratio was recorded.

On day 4 *post-partum*, the size of each litter was adjusted to give eight pups per litter (four males and four females).

Reflex development was assessed at designated time-points.

The F0 parent males and females were sacrificed after weaning of their progeny.

Examination of F1 generation

On day 22 *post-partum*, one or two male and female pups per litter (progeny of F0 females) were selected to constitute the F1 generation, which comprised a total of 25 males and 25 females per dose group.

The F1 animals were observed daily for clinical signs and mortality, and body weight and food consumption data recorded once a week. Time to acquisition of sexual milestones was recorded for both males and females. Neurobehavioural tests were conducted at designated intervals to assess auditory and visual functions. Spontaneous locomotor activity was also evaluated when the animals were between 7 and 8 weeks old.

The estrous cycle was monitored 3 weeks before mating and during the mating period.

F1 males and females were paired for up to 2 weeks or until mating occurred. Brother/sister matings were avoided.

The F1 females were allowed to deliver normally, and rear their progeny. Pregnancy and litter parameters were recorded, including anogenital distance on day 1 *post-partum*.

During the lactation period, the pups (F2 generation) were observed daily for survival and clinical signs; body weight was recorded at designated intervals; the sex-ratio was recorded. On day 4 *post-partum*, the size of each litter was adjusted to give eight pups per litter (four males and four females).

Reflex development was assessed at designated time-points.

Examination of the F2 generation

On day 22 *post-partum*, one or two male and female pups per litter (progeny of F1 females) were selected to constitute the F2 generation, which comprised 25 males and 25 females per group.

The F2 animals were observed daily for clinical signs and mortality. Body weight and food consumption were recorded once a week. Time to acquisition of sexual milestones was recorded for both sexes.

Terminal examination of F0, F1 and F2 animals

After weaning of their respective progeny, F0 and F1 parental males and females were sacrificed.

Selected organs from F0 and F1 parents were weighed together with brain, spleen, thymus and thyroid from one pup per sex per litter from each generation.

Epididymal and testicular sperm parameters were evaluated in F0 and F1 males.

A macroscopic *post-mortem* examination was performed on all F0 and F1 parent animals (both sexes), on F2 animals at sexual maturity and on three weaned (non-selected) pups per sex per litter from each of the F0 and F1 females.

Any pups which died during the lactation period or were otherwise not selected for use in the study were also submitted to macroscopic *post-mortem* examination.

Macroscopic lesions, reproductive organs, adrenal glands, and pituitary glands from all parental animals were sampled and preserved. Any macroscopic lesions present in the pups were also preserved.

A microscopic examination was performed on any macroscopic lesions, the reproductive organs, adrenals and pituitary glands from all F0 and F1 parents from the control and high-dose groups together with testis from intermediate and low-dose males.

Ovaries and testis were subject to a particularly detailed histological examination.

Results

F0 generation

Group 4: 1000 mg/kg/day

- . transient ptyalism (excess salivation) was observed in most animals (similar or decreased incidence in females during pregnancy and lactation),
- . for the males, significantly lower body weight gain was recorded at the end of the treatment period (days 85 to 113, -29%, $p < 0.01$),
- . for the females, higher food consumption was recorded during the lactation period (days 1 to 21, +10%, $p < 0.001$),
- . no effects were apparent on mating, fertility, gestation, fecundity or delivery,
- . no gross abnormalities were present in pups born to F0 females,
- . no effects were observed on the progeny from delivery until weaning,
- . absolute and relative liver weights were increased significantly (+17% and +24%, respectively, $p < 0.01$) in males and appeared related to the presence of slight to moderate centrilobular hypertrophy in liver tissue from three parental males that was subjected to histopathological examination,
- . absolute and relative kidneys weights were significantly greater in males (+21% and +28%, respectively, $p < 0.01$) and correlated with the presence of acidophilic globules (slight to moderate severity) in renal tissue from 5 of 6 males selected for histological evaluation,
- . sperm parameters were unaffected by treatment.

Group 3: 500 mg/kg/day

- . transient ptyalism was observed in most males and a few females,
- . for the males, significantly lower body weight gain was noted at the end of the treatment period (days 85 to 113, -22%, $p < 0.001$),
- . no effects were apparent on mating, fertility, gestation, fecundity or delivery,
- . no effects were apparent on the progeny from delivery until weaning,
- . absolute and relative kidney weights were increased in males (+15% and +18%, respectively, $p < 0.01$),
- . there were no macroscopic or microscopic findings in parents (male or female) or their progeny (including no gross abnormalities),
- . sperm parameters were unaffected by treatment.

Group 2: 250 mg/kg/day

- . transient ptyalism was observed in a few males and females,
- . no effects were apparent on mating, fertility, gestation, fecundity or delivery,
- . no effects were observed on the progeny from birth until weaning,
- . there were no macroscopic and microscopic findings or organ weight effects in parents (male or female) or their progeny (including no gross abnormalities),
- . sperm parameters were unaffected by treatment.

F1 generation

Group 4: 1000 mg/kg/day

- . transient ptyalism was observed in most males and a majority of females (decreased incidence in females during pregnancy and lactation),
- . body weight, body weight gain and food consumption were unaffected in both sexes during the dosing period,
- . there was no effect on sexual development or on neurobehavioural parameters,
- . no effects were apparent on mating, fertility, gestation, fecundity or delivery,
- . pup body weight gain was slightly lower during the first 4 days of lactation (-12%, not significant),
- . two pups (born to F1 females) exhibited gross external malformations (absence of tail with anal atresia also present in one pup),
- . no other observations were noted on the progeny from birth until weaning and there were no macroscopic findings or organ weight effects,
- . in parents, absolute and relative kidney weights were increased significantly in males (+58%, $p < 0.01$) and slightly but significantly increased in females (+11% and +10% respectively, $p < 0.01$); the changes in the males correlated with the presence of acidophilic globules (slight to moderate severity) in renal tissue from four animals subject to microscopic evaluation,
- . absolute and relative liver weights were increased in parental males (+27% and +25%, respectively $p < 0.01$) and correlated with liver enlargement recorded during gross necropsy, and the occurrence of slight or moderate centri-lobular hepatocellular hyperthrophy in tissue from two males that were subject to microscopic examination,
- . absolute and relative liver weights were significantly greater in parental females (+10 and +9%, respectively, $p < 0.05$; no microscopic examination),
- . sperm parameters were unaffected by treatment.

Group 3: 500 mg/kg/day

- . transient ptyalism was observed in most males and a majority of females (only a few females affected during pregnancy and lactation),
- . body weight, body weight gain and food consumption were unaffected in both sexes,
- . no effects were apparent on mating, fertility, gestation, fecundity or delivery,
- . no effects were apparent on the progeny from delivery until weaning,
- . absolute and relative liver weights were increased significantly in parental males (+14% $p < 0.05$ and +11% $p < 0.01$, respectively),
- . absolute and relative kidney weights were increased significantly in parental males (+22% and +19%, respectively, $p < 0.01$),
- . there were no macroscopic or microscopic findings in parents (males or female) or their progeny (including no gross abnormalities),
- . sperm parameters were unaffected by treatment.

Group 2: 250 mg/kg/day

- . transient ptyalism was observed in a majority of males and some females (only a few females affected during pregnancy and lactation),
- . no effects were apparent on mating, fertility, gestation, fecundity or delivery,
- . no effects were observed on the progeny from birth until weaning,
- . there were no macroscopic findings or organ weight effects in parents (male or female) or their progeny (including no gross abnormalities),
- . there were no microscopic findings,
- . sperm parameters were unaffected by treatment.

F2 Generation

250, 500 and 1000 mg/kg/day

- . transient ptialism was observed in approximately one half of the high-dose males and females, and a few animal from the lower dose-groups,
- . no effect was noted on body weight, body weight gain or food consumption in either sex during the dosing period,
- . sexual development was unaffected by treatment,
- . there were no macroscopic findings.

Conclusion

The test item, ETHYL TERTIARY BUTYL ETHER (ETBE), CAS No. 637-92-3, was administered daily by oral gavage to male and female Sprague-Dawley rats at 250, 500 and 1000 mg/kg/day, commencing 10 weeks prior to mating and continuing through mating and gestation until the end of lactation in both the F0 and F1 generations. Progeny of the F1 generation (F2 pups) were treated from weaning until sexual maturity.

For all generations, ptyalism (excessive salivation) was observed with a dose-related trend in both males and females.

At 1000 mg/kg/day, F0 males showed significantly lower body weight gain at the end of the dosing period. Liver weight was significantly increased in males only, with slight to moderate centrilobular hepatocellular hypertrophy in tissue from animals subject to microscopic examination. Kidney weights were also significantly increased in F0 parental males, with acidophilic globules detected after microscopic examination. There were no adverse findings for F0 pups. Significantly greater food consumption during the lactation period was the only finding of note in F0 parental females.

Liver and kidney weights were significantly increased in F1 parental males.

Body weight gain of pups born to mothers from the F1 generation was slightly but non-significantly lower than the controls on *post-partum* days 1-4 (no comparable finding in F0 litters). Two pups born to mothers from the F1 generation exhibited gross external malformations (absence of tail with anal atresia also present in one pup), however the incidence of these findings was comparable to laboratory or external historical control data. Neither malformation was present in 566 pups or fetuses from 45 litters from dams treated with ETBE at 1000 mg/kg body weight/day as part of a dose-range finding study and a developmental toxicity study performed at this laboratory. It was concluded that the findings from the present study were therefore most probably unrelated to treatment with the test item.

No effects were noted in the F2 generation at 1000 mg/kg/day.

At 500 mg/kg/day, significantly lower body weight gain was noted at the end of the dosing period in F0 parental males together with significantly increased kidney weights. Liver and kidney weights were statistically significantly increased in F1 parental males, whereas body weight was unaffected. No effects were noted in the F2 generation.

At 250 mg/kg/day, no relevant findings were observed in the F0, F1 and F2 generations.

Based on these observations, the following No Observed Adverse Effect Levels were established from the study:

Systemic toxicity in the adult (parental) F0 and F1 generations: NOAEL = 250 mg/kg body weight/day (based on body weight and organ weight changes at higher treatment levels).

Ptyalism (excess salivation) was noted in all treated animals (LOEL = 250 mg/kg body weight/day but was not considered to represent an adverse effect of treatment).

Fertility, gonadal function, reproductive performance, parturition and lactation in the parental generations, and development of the off-spring to weaning or sexual maturity: NOAEL = 1000 mg/kg body weight/day (the highest dose tested).

1. INTRODUCTION

1.1 OBJECTIVE

The objective of this study was to provide information on the potential effects of the test item, ETHYL TERTIARY BUTYL ETHER (ETBE; CAS No. 637-92-3), on the integrity and functioning of the reproductive system of male and female Sprague-Dawley rats, including gonadal function, the estrous cycle, mating behavior, conception, gestation, parturition, lactation and weaning, and on the growth and development of the offspring.

The rat was chosen because it is a rodent species commonly accepted by regulatory authorities for this type of study and the Sprague-Dawley strain was selected since background data from previous studies are available at our laboratory.

The oral route was selected since it is acceptable under OECD guidelines for studies of this type and since the uptake of ETBE from the gastrointestinal tract is expected to be rapid and complete.

The dose-levels were selected in agreement with the Sponsor, on the basis of results from a previously conducted study (*CIT/Study No. 24168 RSR*).

1.2 REGULATORY COMPLIANCE

This study was designed to comply with:

- . OECD Guideline No. 416, 22nd January 2001,
- . US EPA Guideline OPPTS 870.3800, August 1998,
- . EC Commission Directive 87/302/EEC of Nov. 18, 1987.

2. MATERIALS AND METHODS

2.1 TEST AND CONTROL ITEMS

2.1.1 Identification

2.1.1.1 Test item

- . Supplier : TOTAL France S.A., Paris-la-Défense, France (purified by SEPAREX, Champagneulles, France)
- . Name : ETHYL TERTIARY BUTYL ETHER
- . Name at receipt : purified ETBE
- . Synonym : Ethyl-tert-Butyl Ether, ETBE, 2-ethoxy-2-methylpropane
- . Batch numbers : **S02-08-159-I3** (subdivided in two aluminum drums referenced as follows:
 - S02-08-159-I3/1 (utilization from 27 March to 30 April 2003)
 - S02-08-159-I3/2 (utilization from 30 April to 6 August 2003))
- . **308 596** (utilization from 13 August 2003)
- . CAS No. : 637-92-3
- . Expiry date : 25 September 2003 (for the first batch)
25 June 2004 (for the second batch)
- . Description : colorless liquid
- . Purity : >98%
- . Container : two aluminium drums (for the first batch)
30 brown glass containers (for the second batch)
- . Intended use : oxygenate additive for automotive fuels
- . Date of receipt : 11 September 2002 (for the first batch)
30 May 2003 (for the second batch)
- . Storage conditions : at room temperature, in well-closed containers (flammable) protected from light.

An analytical certificate, provided by the Sponsor, is presented in Appendix 1.
Confirmation of the correct identity of the test item is the responsibility of the Sponsor.

2.1.1.2 Vehicle

The vehicle was corn oil, batch Nos. 62K0006, 81K2204 and 122K0131, supplied by Sigma (Saint-Quentin-Fallavier, France), batch No. 0007018913, supplied by Cooper (Melun, France).

2.1.2 Dosage form preparation

The test item was administered as a solution in the vehicle.

The test item was mixed with the required quantity of vehicle in order to achieve concentrations of 62.5, 125 and 250 mg/mL and then homogenized using a magnetic stirrer.

The test item dosage forms were prepared once a week and stored at room temperature (in a well closed bottle) prior to use, based on satisfactory stability results obtained in a range finding study (*CIT/Study No. 21468 RSR*) for the first batch (S02-08-159-I3) and in the current study for the second batch (308 596). The dosage form preparations were sub-divided into a suitable number of aliquots so that one bottle per dose per day was opened for dosing. The unused residue remaining in each opened bottle was discarded after use.

2.1.3 Chemical analysis of the dosage forms

Before the start of treatment or during the treatment period (when the batch number altered), the suitability of the proposed preparation procedure was determined by the analysis of homogeneity and stability of dosage forms prepared (according to the procedure) for each batch used in the study (S02-08-159-I3 and 308 596). During the treatment period, the concentration of dosage forms prepared for used in the study was checked.

2.1.3.1 Homogeneity

Two dosage forms were prepared (with each batch of test item), under conditions representative of those of the study, as follows:

- . a dosage form at the lowest concentration (62.5 mg/mL),
- . a dosage form at the highest concentration (250 mg/mL).

Duplicate samples were taken at three different levels within the container (top, middle, bottom) and analyzed for concentration of the test item to evaluate homogeneity.

2.1.3.2 Stability

A previous study performed with the test item batch No. S02-08-159-I3 (*CIT/Study No. 24168 RSR*) demonstrated satisfactory stability of the dosage forms (ETBE concentration in the range 1-333 mg/mL) over a 9-day period at room temperature.

During the current study, the two dosage forms at 62.5 and 250 mg/mL prepared with the second batch of test item (308 596) were sampled just after preparation and again after 4 and 9 days storage at room temperature. Each sample was analyzed as soon as possible after sampling.

2.1.3.3 Concentration

The concentration of ETBE in the dosage forms (including the control) prepared for use in weeks 1 and 2 was confirmed by gas chromatography. These analyses were then performed at four-weekly intervals on subsequent batches of dosing solution. In addition, two samples (2 mL) were taken from all control or test dosage forms prepared during the other weeks of the study and stored frozen (-20°C) for possible future analysis (not performed). These samples are discarded upon finalization of the present report.

The analytical procedure used is presented in Appendix 2.

2.2 TEST SYSTEM

2.2.1 Animals (F0 animals)

Number: 220 rats were received at CIT on 25 March 2003 (110 males and 110 females).

Strain and sanitary status: Sprague-Dawley, CrI CD® (SD) IGS BR, *Caesarian Obtained, Barrier Sustained-Virus Antibody Free*, (COBS-VAF®).

Breeder: Charles River Laboratories France, L'Arbresle, France.

Age/Weight: at the beginning of the treatment period, the animals were 6 weeks old and had a mean body weight of 203 g (range: 181 to 226 g) for the males and 157 g (range: 136 to 201 g) for the females. The females were sexually mature and nulliparous.

Acclimation: a 6-day acclimation period to the conditions of the study preceded the beginning of the treatment period.

Allocation to study: during the acclimation period, the required number of animals (100 males and 100 females) was selected according to body weight and clinical condition and allocated to the groups (by sex), according to a computerized stratification procedure, so that the average body weight of each group was similar. A larger number of animals than necessary was acclimated to permit selection and/or replacement of individuals. Body weight recorded during the acclimation period are not presented in the report but kept in the raw data.

Identification: each animal was individually identified by an ear tattoo and received a unique CIT identity number.

2.2.2 Environmental conditions

From arrival at CIT, the animals were housed in a barriered rodent unit, under specific pathogen free (SPF) standard laboratory conditions.

The animal room conditions are set as follows:

- . temperature : $22 \pm 2^{\circ}\text{C}$
- . relative humidity : $50 \pm 20\%$
- . light/dark cycle : 12h/12h (7:00 - 19:00)
- . ventilation : about 12 cycles/hour of filtered, non-recycled air.

The relevant instrumentation and equipment are checked and calibrated at regular intervals. The temperature and relative humidity were checked regularly and daily records filed.

The animal room was disinfected before the arrival of the animals and cleaned regularly thereafter.

2.2.3 Housing

The F0 animals were housed individually in wire-mesh cages (43.0 x 21.5 x 18.0 cm). A metal tray, containing autoclaved sawdust (SICSA, Alfortville, France), was placed under each cage.

Prior to delivery and during lactation the F0 and F1 females were housed individually in polycarbonate cages (43.0 x 21.5 x 20.0 cm) containing autoclaved sawdust (SICSA, Alfortville, France). Autoclaved wood shavings (SDS, Alfortville, France) were provided as nesting material, a few days before delivery and during the lactation period.

The cages were placed in numerical order on the racks. On a monthly basis, all the racks were moved clockwise around the room, rack by rack. In this way, for each group, identical exposure to environmental conditions was achieved.

2.2.4 Food and water

The animals had free access to A04 C pelleted maintenance diet, batch Nos. 30130, 30227, 30407, 30423, 30227, 30514, 30616, 30905 and 30925 (SAFE, Villemoisson, Epinay-sur-Orge, France) replenished weekly. The diet formula is presented in Appendix 3.
The animals had free access to bottles containing tap water (filtered with a 0.22 µm filter).

2.2.5 Contaminant analyses

The batches of diet, sawdust and wood shavings were analyzed by the suppliers for composition and contaminant levels.

Bacterial and chemical analyses of water are performed regularly by external laboratories. These analyses include the detection of possible contaminants (pesticides, heavy metals and nitrosamines).

No contaminants were present in the diet, drinking water, sawdust or wood shavings at levels which may be expected to interfere with or prejudice the outcome of the study.

2.3 TREATMENT (F0 animals)

2.3.1 Treatment groups

Rationale for dose-level selection

The dose-levels were selected in agreement with the Sponsor on the basis of a previously conducted study (*CIT/Study No. 24168 RSR*). The results demonstrated a slight but statistically significant decrease in body weight for pregnant female rats given 1000 mg/kg/day, and ptyalism (excess salivation) over the course of the study in both sexes given 1000 mg/kg/day. No effect on mating, pregnancy, lactation or litter data parameters was noted at 50, 250, 500 and 1000 mg/kg/day in this preliminary investigation.

Consequently, dose-levels of 250, 500 and 1000 mg/kg/day were selected for use in the main two-generation study.

It is noted that 1000 mg/kg/day is considered a limit dose for this type of investigation (OECD Guideline 416).

The treatment groups are detailed in the following table:

Group	Number of animals	Dose-level (mg/kg/day)	Animal numbers
1	25 males	0	B29201 to B29225
	25 females		B29601 to B29625
2	25 males	250	B29226 to B29250
	25 females		B29626 to B29650
3	25 males	500	B29251 to B29275
	25 females		B29651 to B29675
4	25 males	1000	B29276 to B29300
	25 females		B29676 to B29700

2.3.2 Duration

Each animal was dosed once a day, at approximately the same time, 7 days a week, according to the following schedule:

In the males:

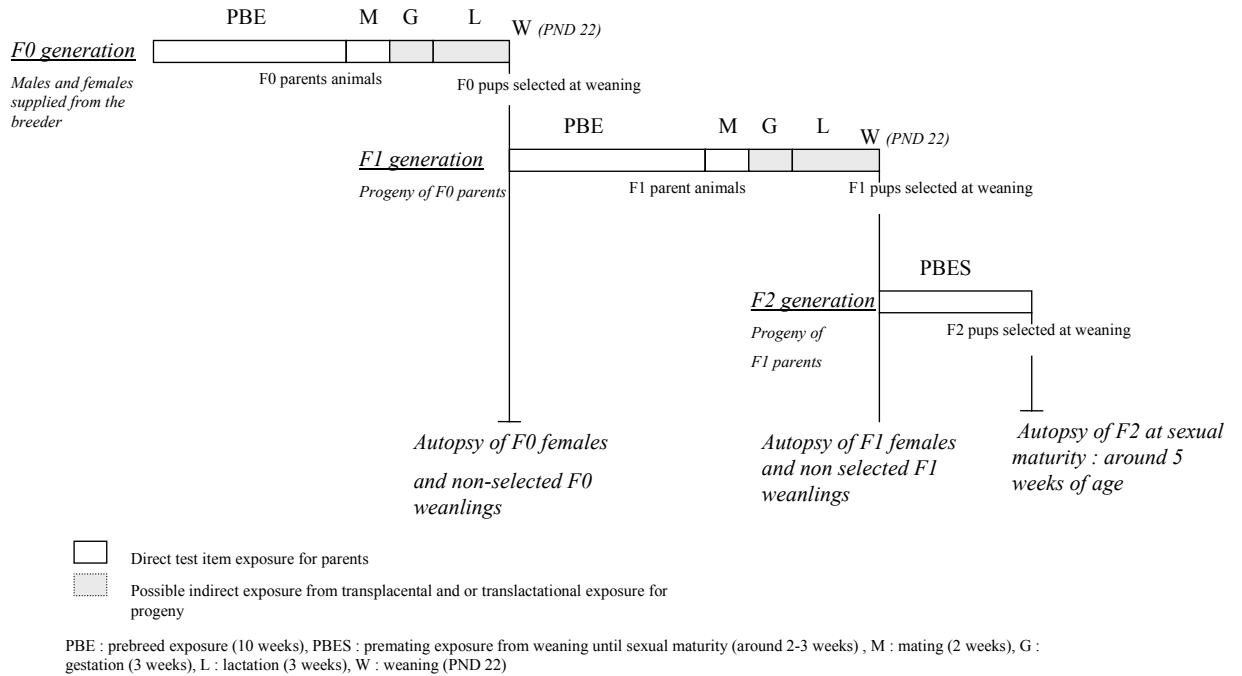
- . 10 weeks before mating,
- . during the mating period (2 weeks),
- . until sacrifice (after weaning of the pups),
- . total duration of treatment: 18 weeks.

In the females:

- . 10 weeks before mating,
- . during the mating period (2 weeks),
- . during pregnancy,
- . during lactation,
- . until sacrifice (after weaning of the pups),
- . total duration of treatment: 18 weeks.

Day 1 correspond to the first day of treatment period.

Study design



2.3.3 Administration

The oral route was selected since it is acceptable under OECD guideline for studies of this type and since uptake of ETBE from the gastrointestinal tract was expected to be rapid and complete. It is also recommended by OECD Guideline 416, and was used in the preliminary range-finding study.

The dosage forms were administered by gavage using a glass syringe fitted a metal gavage tube. The quantity of the dosage form administered to each animal was adjusted according to the most recently recorded body weight.

A constant dosage-volume of 4 mL/kg/day was used.

Control animals (group 1) received the vehicle alone.

The dosage forms were mixed regularly throughout the dosing procedure.

2.4 CLINICAL EXAMINATIONS OF F0 MALES AND FEMALES

2.4.1 Morbidity and mortality

Each animal was checked at least twice a day for mortality and signs of morbidity (once during acclimation period and at least twice a day during the treatment period).

Any animal showing signs of poor clinical condition (especially if death appears imminent), and any female having aborted, was humanely killed.

Any animal killed prematurely was subjected to a macroscopic *post-mortem* examination.

2.4.2 Clinical signs

Each animal was observed two or three times each day, for clinical signs including evidence of physical or behavioural changes together with any signs of overt toxicity (including abortion/resorption for the females).

The details and frequency of these observations are given below:

- study weeks 1 to 4 (pre-mating period): animals were inspected for clinical signs three times per day (immediately post-dosing, 1 hour post-dosing, 4 hours post-dosing), 7 days per week,
- study weeks 5 to 9: since no clinical signs were observed at the end of study week 4, observations 1 hour and 4 hours post-dosing were discontinued,
- study week 10 (one week before mating): the animals were inspected for clinical signs twice daily (immediately post-dosing, 1 hour post-dosing), 7 days per week. Since clinical signs were present one hour post-dosing on days 67 and 68 for group 4, the animals were observed again 4 hours post-dosing,
- gestation days 0 to 14 (pregnancy period): dams were inspected three times per day (immediately post-dosing, 1 hour post-dosing, 4 hours post-dosing), 7 days per week,
- lactation days 1 - 14: dams were inspected three times per day (immediately post-dosing, 1 hour post-dosing, 4 hours post-dosing), 7 days per week.

On the other days, each animal was observed at least once a day, at approximately the same time for recording of clinical signs.

Observations recorded immediately post-dosing were made while the animals were handled. Observations 1 hour and 4 hours post-dosing were performed with the animals in their cages.

2.4.3 Body weight

The body weight of each male was recorded once a week until sacrifice.

The body weight of each female was recorded once a week during the pre-mating and mating periods, then on days 0, 7, 14, 20 *post-coitum* and on days 1, 7, 14 and 21 *post-partum*.

2.4.4 Food consumption

The quantity of food consumed by each male was recorded once a week until sacrifice.

The quantity of food consumed by each female was recorded once a week during the pre-mating period, then over the following intervals:

- days 0-7, 7-14 and 14-20 *post-coitum*,
- days 1-7, 7-14 and 14-21 *post-partum*.

No food consumption was recorded during mating period.

2.5 MATING

2.5.1 Monitoring of estrous cycle

The estrous cycle stage was determined by microscopic examination of a fresh vaginal lavage (stained with methylene blue), each morning as follows:

- . during the last 3 weeks of the pre-mating period,
- . during the mating period, until mating was confirmed.

2.5.2 Mating procedure

Females were paired with males from the same dose-level group: one female was placed with one male in the latter's cage during the night. Confirmation of mating was made in the morning by checking for the presence of sperm in a vaginal lavage.

The day of confirmed mating was designated day 0 *post-coitum* (*p.c.*).

Each female was placed with the same male until mating had occurred or 14 days had elapsed.

The pre-coital time was calculated for each pair.

2.6 PREGNANCY

After mating, each pair was separated.

At the end of pregnancy, the females were individually placed in appropriate cages with nesting material (see § Housing).

Females were checked for any signs of abortion/resorption (bleeding) or premature delivery during clinical monitoring.

2.7 PARTURITION

Females were allowed to litter normally and rear their progeny until weaning. Any evidence of a difficult or prolonged parturition was recorded.

The day of completed parturition was designated day 1 *post-partum*. The length of gestation was calculated.

2.8 OBSERVATION PERFORMED ON PROGENY OF F0 FEMALES DURING THE LACTATION PERIOD

Each pup was identified individually on day 1 *post-partum*, by subcutaneous injection of Indian ink.

2.8.1 Litter size

The total litter size and number of pups of each sex were recorded as soon as possible after birth. The litters were observed daily in order to note the number of live, dead and cannibalized pups. Any gross malformation in the pups was noted.

2.8.2 Litter size adjustment

On day 4 *post-partum*, the size of each litter was adjusted by randomly culling extra pups to obtain, as closely as possible, four males and four females per litter. Whenever necessary partial adjustment (for example five males and three females) was permitted. Standardization of litter size is considered to reduce the litter size-induced variability in the growth and development of pups and thus increase the sensitivity of statistical analysis (according to US EPA Guideline OPPTS 870.3800, August 1998). It also ensures that any adverse effect on pup growth and development is not masked by treatment-related differences in litter size.

2.8.3 Clinical signs

The pups were observed daily for clinical signs.

2.8.4 Body weight

The weight of each pup was recorded on days 1, 4, 7, 14 and 21 of *post-partum*.

2.8.5 Anogenital distance

Anogenital distance (AGD) was measured on day 1 *post-partum* for all pups. AGD corresponds to the distance (in millimeters) between the middle of the genital tubercle and the centrum of the anus.

The anogenital index was calculated:

$$\frac{\text{AGD}}{\text{body weight}}$$

The ratio of AGD to the cube root of body weight was also calculated.

2.8.6 Reflex development

The number of pups in each litter exhibiting the required characteristics of reflex development was recorded at designated time-points:

- . surface righting reflex (ability to re-right from a position of lateral recumbency) on day 5 *post-partum*,
- . cliff avoidance (ability to avoid falling into an empty space) on day 11 *post-partum*,
- . air-righting reflex (ability to right after falling from a short height) on day 17 *post-partum*.

2.9 TERMINAL SACRIFICE OF THE F0 GENERATION

Details of the terminal examinations performed at sacrifice of the F0 animals and their pups not selected for the F1 generation are given in § Terminal examinations and pathology.

2.10 CONSTITUTION AND TREATMENT OF THE F1 GENERATION

On day 22 *post-partum*, one or two males and one or two females per litter (from as many litters as possible) were selected to obtain 25 animals/sex/group and used to constitute the F1 generation. Day 22 *post-partum* was designated day 1 of the F1 generation.

Selected F1 animals were treated from day 1 (following the same procedure as for the F0 animals) throughout pre-mating, mating, pregnancy and until sacrifice (after weaning of their F2 progeny).

The experimental groups were as follows:

Group	Number of animals	Dose-level (mg/kg/day)	Animal numbers
1	25 males	0	B29301 to B29325
	25 females		B29701 to B29725
2	25 males	250	B29326 to B29350
	25 females		B29726 to B29750
3	25 males	500	B29351 to B29375
	25 females		B29751 to B29775
4	25 males	1000	B29376 to B29400
	25 females		B29776 to B29800

2.11 CLINICAL EXAMINATIONS OF THE F1 GENERATION AFTER WEANING

2.11.1 Morbidity and mortality

Each animal was checked at least twice a day for mortality and signs of morbidity.

Any animal showing signs of poor clinical condition (especially if death appeared imminent), or any female having aborted, was humanely killed.

Any animal found dead or killed prematurely was subjected to a macroscopic *post-mortem* examination.

2.11.2 Clinical signs

Each animal was observed at least three times each day for the recording of clinical signs, including evidence of physical or behavioural changes together with any overt signs of toxicity (including abortion/resorption for the females).

The details and frequency of these clinical observations are given below:

- . study weeks 1 and 2 (pre-mating period): animals were inspected for clinical signs three times per day (immediately post-dosing, 1 hour post-dosing, 4 hour post-dosing), 7 days per week,
- . study weeks 3 and 4 (pre-mating period): the frequency of observations was reduced to twice daily (immediately post-dosing, 1 hour post-dosing), 5 days per week (Monday to Friday),
- . study weeks 5 to 9: routine observations ceased,
- . study week 10 (one week before mating): the animals were inspected for clinical signs twice daily (immediately post-dosing, 1 hour post-dosing), 7 days per week,
- . gestation days 0 to 14 (pregnancy period): dams were inspected three times per day (immediately post-dosing, 1 hour post-dosing, 4 hours post-dosing), 7 days per week,
- . lactation days 1 - 14: dams were inspected three times per day (immediately post-dosing, 1 hour post-dosing, 4 hours post-dosing), 7 days per week.

On the other days, each animal was observed at least once a day at approximately the same time for the recording of clinical signs.

Observations recorded immediately post-dosing were made while the animals were being handled. Observations 1 hour and 4 hours post-dosing were performed with the animals in their cages.

2.11.3 Body weight

The body weight of each male was recorded once a week until sacrifice.

The body weight of each female was recorded once a week during the pre-mating and mating periods, then on days 0, 7, 14, 20 *post-coitum* and on days 1, 7, 14, and 21 *post-partum*.

2.11.4 Food consumption

The quantity of food consumed by each male was recorded once a week until sacrifice.

The quantity of food consumed by each female was recorded once a week during the pre-mating periods, then over the following intervals:

- . days 0-7, 7-14 and 14-20 *post-coitum*,
- . days 1-7, 7-14 and 14-21 *post-partum*.

No food consumption was recorded during the mating period.

2.11.5 Sexual development

All male animals were observed daily between 32 and 47 days of age (i.e. day 11 to day 26 of the F1 generation), until cleavage of the balanopreputial groove (preputial separation) was observed. Individual body weight was recorded at that time.

All females were observed daily between 28 and 40 days of age (i.e. day 7 to day 19 of the F1 generation), until vaginal opening was observed. Individual body weight was recorded at that time.

2.12 NEUROBEHAVIOURAL TESTS IN THE F1 GENERATION

2.12.1 Auditory function

Acoustic startle response was assessed when the animals were 4 weeks old. This is an evaluation of the animal's automatic reaction to a specific sound (small sudden movement).

2.12.2 Pupil constriction

Pupil constriction reflex was assessed when the animals were 4 weeks old. This test evaluates the animal's automatic reaction to light (blinking the eyes).

2.12.3 Spontaneous locomotor activity

Spontaneous locomotor activity was evaluated when the animals are between 7 and 8 weeks old, using equipment fitted with an automated infra-red sensor. Each animal was tested twice at an interval of approximately 1 week. Activity was recorded over a 10-minute interval for each trial. The following parameters were recorded:

- . movements within the front of the cage,
- . movements within the back of the cage,
- . back and forth movements,
- . vertical movements.

2.13 MATING OF THE F1 GENERATION

2.13.1 Monitoring of estrous cycle

The estrous cycle stage was determined each morning by microscopic examination of a fresh vaginal lavage (stained with methylene blue), as follows:

- . during the last 3 weeks of the pre-mating period,
- . during the mating period, until mating was confirmed.

2.13.2 Mating procedure

When the animals were between 12 and 14 weeks old, females were paired overnight with males from the same dose-level group. One female was placed with one male from another litter of the same dose-level group, in order to avoid brother-sister matings from the same litter.

Confirmation of mating was made the following morning by checking for the presence of a vaginal plug or of sperm in a vaginal lavage.

The day of confirmed mating was designated day 0 *post-coitum* (*p.c.*).

Each female was placed with the same male until mating had occurred or 14 days had elapsed, whichever occurred first.

The pre-coital time was calculated for each pair.

2.14 PREGNANCY

After mating, each pair was separated.

At the end of pregnancy, the females were individually placed in appropriate cages with nesting material (see § Housing).

Females were checked for any signs of abortion/resorption (bleeding) or premature delivery during clinical monitoring.

2.15 PARTURITION

Females were allowed to litter normally and rear their progeny until weaning. Any evidence of a difficult or prolonged parturition was recorded.

The day of completed parturition was designated day 1 *post-partum*. The length of gestation was calculated.

2.16 OBSERVATIONS PERFORMED ON PROGENY OF THE F1 FEMALES DURING THE LACTATION PERIOD

Each pup was identified individually on day 1 *post-partum*, by subcutaneous injection of Indian ink.

2.16.1 Litter size

The total litter size and numbers of pups of each sex were recorded as soon as possible after birth.

The litters were observed daily in order to note the number of live, dead and cannibalized pups. Any gross malformation of the pups was noted.

2.16.2 Litter size adjustment

On day 4 *post-partum*, the size of each litter was adjusted by randomly culling extra pups to obtain as closely as possible four males and four females per litter. Whenever necessary, partial adjustment (for example five males and three females) was permitted.

Standardization of litter size was considered to reduce the litter size-induced variability in the growth and development of the pups and thus increase the sensitivity of statistical analysis (according to US EPA guideline OPPTS 870.3800, August 1998). It was also ensure that any adverse effects on pup growth and development are not masked by a treatment-related differences in litter size.

2.16.3 Clinical signs

The pups were observed daily for clinical signs.

2.16.4 Body weight

The weight of each pup was recorded on days 1, 4, 7, 14 and 21 of *post-partum*.

2.16.5 Anogenital distance

Anogenital distance (AGD) was measured on day 1 *post-partum* for all pups. AGD corresponds to the distance (in millimeters) between the middle of the genital tubercle and the centrum of the anus.

The anogenital index was calculated:
$$\frac{\text{AGD}}{\text{body weight}}$$

The ratio of AGD to the cube root of body weight was also calculated.

2.16.6 Reflex development

The number of pups in each litter exhibiting the required characteristics of reflex development was recorded at designated time-points:

- . surface righting reflex (ability to re-right from a position of lateral recumbency) on day 5 *post-partum*,
- . cliff avoidance (ability to avoid falling into an empty space) on day 11 *post-partum*,
- . air-righting reflex (ability to right after falling from a short height) on day 17 *post-partum*.

2.17 TERMINAL SACRIFICE OF THE F1 GENERATION

Details of the terminal examinations performed at sacrifice of the F1 animals and their pups not selected for the F2 generation are given in § Terminal examination and pathology.

2.18 CONSTITUTION AND TREATMENT OF THE F2 GENERATION

On day 22 *post-partum*, one or two males and one or two females per litter (from as many litters as possible) were selected to obtain 25 animals/sex/group and therefore constitute the F2 generation. Day 22 *post-partum* was designated day 1 of the F2 generation.

F2 selected animals were treated from day 1 until sexual maturity following the same procedure as for F0 and F1 animals.

The experimental groups were as follows:

Group	Number of animals	Dose-level (mg/kg/day)	Concentration (mg/mL)
1	25 males	0	B29401 to B29425
	25 females		B29801 to B29825
2	25 males	250	B29426 to B29450
	25 females		B29826 to B29850
3	25 males	500	B29451 to B29475
	25 females		B29851 to B29875
4	25 males	1000	B29476 to B29500
	25 females		B29876 to B29900

2.19 CLINICAL EXAMINATIONS OF THE F2 GENERATION AFTER WEANING

2.19.1 Morbidity and mortality

Each animal was checked at least twice a day for mortality and signs of morbidity.

Any animal showing signs of poor clinical condition, (especially if death appeared imminent) was humanely killed.

Any animal found dead or killed prematurely was subjected to a macroscopic *post-mortem* examination.

2.19.2 Clinical signs

Each animal was observed at least three times each day for the recording of clinical signs, including evidence of physical or behavioural changes together with any overt signs of toxicity (including abortion/resorption for the females).

The details and frequency of these clinical observations are given below:

- . from weaning until sexual maturity: animals were inspected three times per day (immediately post-dosing, 1 hour post-dosing, 4 hours post-dosing), 7 days per week.

2.19.3 Body weight

The body weight of each animal was recorded once a week until sacrifice.

2.19.4 Food consumption

The quantity of food consumed by each animal was recorded once a week until sacrifice.

2.19.5 Sexual development

All males were observed daily between 32 and 47 days of age (i.e. day 11 to day 26 of the F2 generation), until cleavage of the balanopreputial groove (preputial separation) was observed. Individual body weight was recorded at that time.

All females were observed daily between 28 and 40 days of age (i.e. day 7 to day 19 of the F2 generation), until vaginal opening was observed. Individual body weight was recorded at that time.

2.20 TERMINAL EXAMINATIONS AND PATHOLOGY

2.20.1 Sacrifice

F0 animals and their progeny

All animals were humanely sacrificed by asphyxiation using carbon dioxide and exsanguinated:

- . F0 surviving males and females: after the weaning of F1 litters (between day 22 and day 25 *post-partum*),
- . F0 females which had not delivered: after day 25 *post-coitum*,
- . F0 females which did not mate: at least one week after the end of the mating period (14 days at maximum after the beginning of mating),
- . pups not selected for use in the study on day 4 or 22 *post-partum*,
- . any mother with an entirely dead litter.

F1 animals and their progeny

All animals were humanely sacrificed by asphyxiation using carbon dioxide and exsanguinated:

- . F1 surviving males and females: after the weaning of each F2 litter (between day 22 and day 25 *post-partum*),
- . F1 females which had not delivered: after day 25 *post-coitum*,
- . F1 females which did not mate: at least one week after the end of the mating period,
- . pups not selected for use in the study on day 4 or 22 *post-partum*,
- . any mother with an entirely dead litter.

2.20.2 F2 animals

All animals were humanely sacrificed at sexual maturity by asphyxiation using carbon dioxide and exsanguination.

2.20.3 Organ weights

The body weight of all F0 and F1 animals was determined at terminal sacrifice and the following organs weighed (wet) as soon as possible at the start of necropsy:

- . in all F0 and F1 males: testes (separately), epididymides (separately), prostate, seminal vesicles together with coagulating glands, brain, liver, kidneys, spleen, pituitary gland, thyroids with parathyroids, adrenals,
- . in all F0 and F1 females: uterus, ovaries, brain, liver, kidneys, spleen, pituitary gland, thyroid with parathyroids, adrenals,
- . in one F1 pup/sex/litter and one F2 pup/sex/litter: body weight, brain, spleen and thymus.

2.20.4 Seminology (F0 and F1 animals)

These investigations were performed for all F0 and F1 males of all groups.

2.20.4.1 Epididymal sperm

Before sacrifice, each male was anaesthetised by isoflurane, the left epididymis removed and weighed (see § Organ weights) and sperm collected for quantitative investigations.

The animals were then asphyxiated with carbon dioxide and exsanguinated.

The following investigations were performed in all males.

2.20.4.1.1 Epididymal sperm motility

Sperm motility was evaluated by microscopic examination (40 fold magnification) immediately after sampling from the left epididymis following appropriate dilution in Ham's nutrient liquid medium.

Results are expressed as a proportion of motile and non-motile spermatozoa.

2.20.4.1.2 Epididymal sperm count (cauda sperm reserve)

Cauda sperm reserve was obtained by mincing the cauda tissue.

The sperm was sampled from the left epididymis diluted one thousand fold in 0.9% NaCl solution and the number of spermatozoa counted in a Malassez cell.

Results are expressed as the number of spermatozoa per mm³ of sperm.

2.20.4.1.3 Epididymal sperm morphology

The presence of abnormal spermatozoa was evaluated by microscopic examination (40 fold magnification) after eosin staining of an aliquot (5 µL) sampled from the left epididymis.

Results for 100 spermatozoa per slide were expressed as the proportion of spermatozoa in each of the following categories:

- . normal,
- . normally shaped head separated from flagellum,
- . mis-shapen head separated from flagellum,
- . mis-shapen head with normal flagellum,
- . mis-shapen head with abnormal flagellum,
- . degenerative flagellar defect(s) with normal head,
- . other flagellar defect(s) with normal head.

2.20.4.2 Testicular sperm

These investigations were performed in all males.

The left testis was weighed and ground with a blender for 2 minutes in 50 mL of Saline-Triton-Merthiolate solution, and sperm heads resistant to homogenization (i.e. elongated spermatids and mature spermatozoa) were counted in a Neubauer cell.

Results are expressed as the number of sperm heads per gram of testis and the daily sperm production rate was calculated using a time divisor of 6.10 (Robb and *al.*, 1978).

2.20.5 Macroscopic *post-mortem* examination

2.20.5.1 F0 and F1 animals

A macroscopic *post-mortem* examination of the principal thoracic and abdominal organs was performed on all parent animals (F0 and F1 males and females) including any that died during the study or were sacrificed prematurely. In all F0 and F1 females, the number of implantation sites was recorded and classified as appropriate as scars, late resorptions, live or dead fetuses.

In apparently non-pregnant or un-mated females, the presence of implantation scars on the uterus was checked using ammonium sulphide staining technique (Salewski and *al.*, 1964).

Pups from females for which mating was not detected were discarded.

2.20.5.2 F2 animals

A macroscopic *post-mortem* examination of the principal thoracic and abdominal organs was performed on all animals including any that died during the study.

2.20.5.3 Pups

A macroscopic *post-mortem* examination of the principal thoracic and abdominal organs was performed at weaning on three pups/sex/litter from F0 and F1 females; brain, spleen and thymus were removed and weighed (see § organ weight). Any pups that died during lactation, or sacrificed prematurely were subjected to a macroscopic *post-mortem* examination of the principal thoracic and abdominal organs.

Other pups (e.g. those not selected on day 4 or 21 *post-partum*) were not examined.

2.20.6 Preservation of tissues

2.20.6.1 F0 and F1 animals

The following organs from all F0 and F1 animals were preserved in 10% buffered formalin (except for testes and epididymides which were fixed in Bouin's fluid):

- . any macroscopic abnormalities,
- . ovaries and oviducts,
- . uterus (with cervix and horns),
- . vagina,
- . testis (right),
- . epididymis (right),
- . seminal vesicles,
- . prostate,
- . coagulating glands,
- . pituitary glands,
- . adrenal glands.

In addition, a vaginal smear was taken from all F0 and F1 females and stained (using Harris Schorr's technique).

In addition, the following organs were preserved in 10% buffered formalin:

- . liver and kidneys in five males from the F0 and F1 generations,
- . thyroid gland and spleen in five males from the F1 generation,
- . thymus in five females from the F0 generation.

2.20.6.2 Pups

Any macroscopic abnormalities present in the F0 and F1 pups were preserved in 10% buffered formalin (except for testes and epididymides which were fixed in Bouin's fluid).

2.20.7 Preparation of slides

All tissues selected for microscopic examination were embedded in paraffin wax, sectioned at a thickness of approximately 4 microns and stained with hematoxylin-eosin (except testes and epididymides which were stained with hematoxylin/PAS).

2.20.8 Microscopic examination

Microscopic examination of tissues was performed at CIT as follows:

F0 and F1 animals

The following organs from F0 and F1 control and high-dose groups were examined:

- . any macroscopic abnormalities,
- . ovaries and oviducts,
- . uterus (with cervix and horns),
- . vagina,
- . testis* (a),
- . epididymis,
- . seminal vesicles,
- . prostate,
- . coagulating glands,
- . pituitary glands,
- . adrenal glands.

(a): testis sections from all F1 males (including intermediate and low dose groups) were examined, at the request of the Sponsor.

The following organs were also examined from F1 low- and intermediate-dose animals suspected to be non-fertile (b):

- . ovaries*,
- . uterus (with cervix and oviducts),
- . vagina,
- . testis*,
- . epididymis,
- . seminal vesicles,
- . prostate,
- . coagulating glands.

In addition, the vaginal smear taken from the F0 and F1 females at terminal sacrifice was also examined.

* In addition, a detailed histopathological examination was conducted in order to evaluate:

- . retained spermatids, missing germ cell layers or types, multinucleated giant cells or sloughing of spermatogenic cells into the lumen, in F0 and F1 males,
- . qualitative depletion of the primordial follicle population in F0 and F1 females,
- . quantitatively the primordial and small growing follicles in F0 and F1 females (for comparison of control and treated ovaries, the evaluation of growing and primordial follicles was done separately).

(b): there were no F0 animals suspected to be infertile.

2.21 ASSESSMENT OF DATA

Data are expressed as group mean values \pm standard deviation (body weight, food consumption, implantations, resorptions, pups, gestation length) or as proportions (mating index, fertility index, gestation index live birth index, viability and lactation indices). Whenever necessary, the experimental unit of comparison was the litter.

Data from non pregnant females were not included in the group mean calculations.

The calculations were performed for each group as follows:

Mating index:

$$\frac{\text{Number of mated animals}}{\text{Number of paired animals}} \times 100$$

Fertility index:

$$\frac{\text{Number of pregnant female partners}}{\text{Number of mated pairs}} \times 100$$

Gestation index:

$$\frac{\text{Number of females with live born pups}}{\text{Number of pregnant females}} \times 100$$

Live birth index:

$$\frac{\text{Number of live born pups}}{\text{Number of delivered pups}} \times 100$$

Viability index on day 4 *post-partum*:

$$\frac{\text{Number of surviving pups on day 4 } \textit{post-partum}}{\text{Number of live born pups}} \times 100$$

Lactation index:

$$\frac{\text{Number of surviving pups on day 21 } \textit{post-partum}}{\text{Number of surviving pups on day 4 } \textit{post-partum}} \times 100$$

2.22 STATISTICAL ANALYSIS

2.22.1 Data other than organ weights

Mean values were compared by one-way analysis of variance and Dunett's test (mean values being considered as normally distributed and variances being considered homogeneous).

Percentage values were compared by the Fisher exact probability test. All the above statistics were performed with a dedicated and validated computer system (Reprotox, version B1).

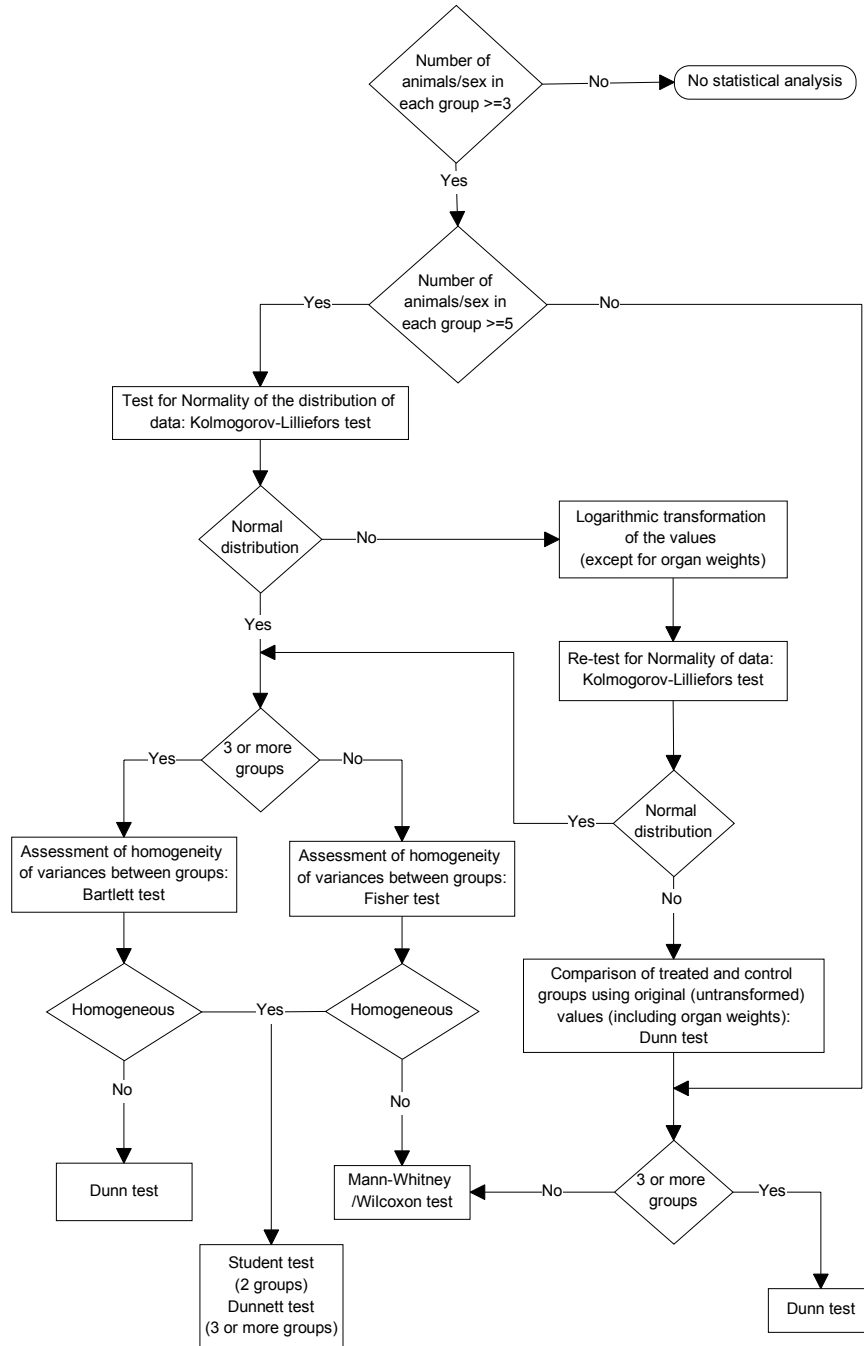
Mean percentages of motility and morphology sperm parameters were Arcsine transformed and then compared by analysis variance.

Mean values for anogenital distance, ratio of anogenital distance to pup body weight and anogenital distance normalized to the cube root of pups body weight were compared by analysis of variance.

These analyses were performed using a dedicated commercial software package (Statview, version 5.0.1 SAS Institute Inc).

2.22.2 Organ weights

The following sequence was used for organ weight data:



2.23 ARCHIVING

The following study materials are retained in the archives of CIT (BP 563, 27005 Evreux, France) for 10 years after the end of the *in vivo* phase of the study:

- . Study plan and amendments,
- . raw data,
- . correspondence,
- . final report and possible amendments,
- . sample of the test item,
- . photographs.

On completion of this period, the archived study materials will be returned to the Sponsor, or may be archived at CIT for a further period.

The total duration of archiving (depending on regulations) is the responsibility of the Sponsor.

In addition, raw data not specific to the study, including but not limited to certificates of analyses for food, water, sawdust and wood shavings and records of environmental data and equipment calibration are also archived at CIT for at least 30 years.

At the end of the study, all remaining test item (excluding the archive sample(s)) will be returned to the Sponsor unless otherwise stated by the Sponsor.

Unless otherwise requested by the study Sponsor, deep frozen specimens will be retained until acceptance of the final report by the Sponsor. Samples will then be disposed of unless prior instructions have been received from the Sponsor, requesting shipment of the samples or continued storage.

2.24 CHRONOLOGY OF THE STUDY

The chronology of the study is summarized as follows:

Procedure	Date
Study plan approved by:	
. Study Director	28 March 2003
. Study Monitor	28 March 2003
<hr/>	
F0 GENERATION	
Experimental starting date	
(first day of acclimation period)	25 March 2003
. Pre-identification and weighing	27 March 2003
. Randomization and identification	28 March 2003
First day of treatment	31 March 2003
Mating (day 0 <i>post-coitum</i>)	
. first female	10 June 2003
. last female	23 June 2003
Delivery	
. first female	1 July 2003
. last female	15 July 2003
Day of necropsy of F0 males	
. first male	25 July 2003
. last male	29 July 2003
Day of necropsy of F0 females and pups (at weaning)	
. first female/litter	23 July 2003
. last female/litter	6 August 2003

Procedure	Date
F1 GENERATION	
First day of treatment	
. first animal	23 July 2003
. last animal	27 July 2003
Mating (day 0 <i>post-coitum</i>)	
. first female	30 September 2003
. last female	12 October 2003
Delivery	
. first female	21 October 2003
. last female	3 November 2003
Day of necropsy of F1 males	
. first male	24 November 2003
. last male	26 November 2003
Day of necropsy of F1 females and pups (at weaning)	
. first female/litter	12 November 2003
. last female/litter	25 November 2003

F2 GENERATION	
First day of treatment	
. first animal	12 November 2003
. last animal	16 November 2003
Day of necropsy	
. first animal	8 December 2003
. last animal (experimental completion date)	12 December 2003

2.25 STUDY PLAN ADHERENCE

The study was performed in accordance with Study Plan No. 24859 RSR and subsequent amendments, with the following deviations from the agreed Study plan:

F0 generation:

- . on days 6 and 7, clinical signs were performed approximately 3 hours after dosing instead of 4,
- . on day 9, clinical signs were performed 6 hours after dosing instead of 4,
- . on weeks 3, 4 and 10 the recording of clinical signs for some animals in groups 1 to 3 was carried out more than 4 hours after dosing,
- . on week 5, the recording of clinical signs was performed more than one hour after dosing,
- . the food hopper of female B29660 was not filled on day 14 *post-partum*,
- . pup No. 8 from dam B29605 was missing from day 1 *post-partum*,
- . for female B29672, no information on the estrous cycle is available on day 67 because the slide bearing the vaginal lavage was broken,
- . by error, the estrous cycle was not recorded on day 68 of the pre-mating period (missing data),
- . on week 64, the food consumption of males from the low dose-group was recorded over a 6-day instead of a 7-day period,
- . by error, the clinical signs of all animals were recorded after 4 hours of dosing during 2 days of the pre-mating period,
- . the liver from one male of the control group with a macroscopic lesion was not sampled,
- . by error, one pup (No. 15 dam B29700) was culled on day 6 instead of day 4.

F1 generation:

- . on day 25, animals B29394 and B29395 were reversed in the cages,
- . recording of clinical signs immediately post-dosing, was not performed for the males and females of group 4 one day during weeks 9 and 10 but were recorded one hour after dosing,
- . on day 69, monitoring of the estrous cycle was not performed for female B29705 from group 1,
- . for the F1 generation, the vertical movements for evaluation of spontaneous locomotor activity were recorded (typing error in the Study plan),
- . in all F0 and F1 females, thyroids and parathyroids were weighed together instead of thyroid alone (typing error in the Study plan),
- . macroscopic *post-mortem* examination was performed by excess in few pups of the F1 generation,
- . clinical signs were not recorded one day during week 12 for animals of the intermediate and high dose-groups.

F2 generation:

- . on days 21 and 25, recording of clinical signs was performed 6 hours after dosing instead of 4,
- . females B29804 and B29854 were observed for vaginal opening when 44 and 46 days of age, respectively,
- . for logistical reasons, all animals (F0, F1 and F2 generation) were observed one hour and four hours after the end of dosing of each group (and not of each animal).

These deviations were not considered to have compromised the validity or integrity of the study.

3. RESULTS

3.1 CHEMICAL ANALYSIS OF THE DOSAGE FORMS (Appendix 2)

3.1.1 Homogeneity

The results of the analyses demonstrated a satisfactory homogeneity of the dosage forms (62.5 and 250 mg/mL) prepared with each batch (S02-08-159-I3 and 308 596) of test item used in the study.

3.1.2 Stability

The results of the analyses demonstrated a satisfactory stability of the two dosage forms investigated (62.5 and 250 mg/mL) prepared using batch No. 308 596 over a 9-day period at room temperature. The stability of batch S02-08-159-I3 was evaluated in the preliminary study (CIT/Study No. 24168 RSR) and demonstrated to be satisfactory over 9 days at room temperature.

3.1.3 Concentration

Analytical results demonstrated a satisfactory agreement between the nominal and actual concentration of the test item in the administered dosage forms when analyzed before treatment (deviation from nominal concentration $\pm 10\%$). The values obtained are presented in the following tables:

Group	Nominal concentration (mg/mL)	Actual concentration (generation F0) (mg/mL)					
		Week 1	Week 2	Week 6	Week 10	Week 14	Week 18
1	0	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
	<i>Deviation from nominal value :</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>
		[66.5-59.4]*		[57.7-58.0]*			
2	62.5	63.0	64.6	57.9	66.5	58.0	63.6
	<i>Deviation from nominal value :</i>	1%	3%	-7%	6%	-7%	2%
		[127-139]*					
3	125	133	124	113	130	128	133
	<i>Deviation from nominal value :</i>	6%	-1%	-10%	4%	2%	6%
		[235-274]*		[232-252]*			[258-264]*
4	250	255	226	242	226	227	261
	<i>Deviation from nominal value :</i>	2%	-10%	-3%	-10%	-9%	4%

*: individual values of replicate determinations used to calculate the mean value (written below)

BLQ: Below Limit of Quantification (< 0.1 mg/mL)

nc: not calculated

Group	Nominal concentration (mg/mL)	Actual concentration (F1 generation) (mg/mL)				
		Week 1	Week 6	Week 9	Week 13	Week 17
1	0	BLQ	BLQ	BLQ	BLQ	BLQ
	<i>Deviation from nominal value :</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>
						[64.2-66.4]*
2	62.5	63.6	64.9	57.7	59.6	65.3
	<i>Deviation from nominal value :</i>	<i>2%</i>	<i>4%</i>	<i>-8%</i>	<i>-5%</i>	<i>4%</i>
				[117-121]*		[136-128]*
3	125	133	135	119	125	132
	<i>Deviation from nominal value :</i>	<i>6%</i>	<i>8%</i>	<i>-5%</i>	<i>0%</i>	<i>6%</i>
		[258-264]*				[227-238]*
4	250	261	237	265	234	233
	<i>Deviation from nominal value :</i>	<i>4%</i>	<i>-5%</i>	<i>6%</i>	<i>-6%</i>	<i>-7%</i>

*: individual values of replicate determinations used to calculate the mean value (written below)

BLQ: Below Limit of Quantification (< 0.1 mg/mL)

nc: not calculated

3.2 F0 GENERATION*

3.2.1 Clinical examinations of parent males and females

3.2.1.1 Mortality (Tables 1 to 4, Appendices 4 to 7)

Males

No deaths occurred during the study.

Females

There were no deaths noted during the pre-mating, mating and gestation periods.

One female given 250 mg/kg/day and three females given 500 mg/kg/day were prematurely sacrificed during the first week of lactation because their entire litters died or were in poor clinical condition. Since no similar findings were noted in pups from dams given 1000 mg/kg/day, these deaths/poor clinical conditions were not attributed to treatment.

*Note: off-spring born to F0 dams (parental females supplied by the breeder) are described as "F0 pups" until weaning, after which those that receive further treatment are the new generation called "F1 animals".

3.2.1.2 Clinical signs (Tables 1 to 4, Appendices 4 to 7)

Males

Transient ptyalism (excess salivation) was observed immediately after dosing in 2, 7, 19 or 23/25 males from the control, 250, 500 or 1000 mg/kg/day dose groups, respectively, at various times during the study.

Females

During the pre-mating period, transient ptyalism was recorded immediately after dosing in 2, 6, 3 or 13/25 females from the control, 250, 500 or 1000 mg/kg/day dose groups, respectively and in 2/23, 7/21, 11/22 and 19/25 females from these same groups during the pregnancy period. It was also recorded immediately after dosing in 0/23, 1/20, 2/19 or 11/25 females from the control, 250, 500 or 1000 mg/kg/day dose groups during the lactation period.

In general, symptoms of ptyalism resolved in most animals (a single exception) one hour after dosing. It is commonly noted following gavage administration of unpalatable test items, and is therefore not considered an adverse effect.

Areas of hair loss, chromodacryorrhea and regurgitation were observed sporadically in a few animals randomly distributed among the groups including the control group and therefore were considered not to be related to treatment.

3.2.1.3 Body weight (Figures 1, 2, 4, 5, 7, 8 and 10, Tables 5 to 12, Appendices 8 to 15)

For males, significantly lower body weight gain was noted in the 500 mg/kg/day (-29%, $p < 0.01$) and 1000 mg/kg/day (-22%, $p < 0.001$) treatment groups on days 85-113 of the study (i.e the final 28 days of treatment, following mating). This finding was considered to be related to treatment. Although some variations in female body weight gain were apparent during the pre-mating and lactation periods, these were considered unrelated to the treatment since they were minor and/or not dose-related.

3.2.1.4 Food consumption (Figures 3, 6, 9 and 11, Tables 13 to 16, Appendices 16 to 19)

Food consumption during pre-mating was unaffected by treatment in both males and females. During pregnancy, food consumption for all treated females was comparable to controls but increased significantly (+10%, $p < 0.001$) in the 1000 mg/kg/day group during lactation when compared to controls. This effect was not considered to represent an adverse effect.

3.2.2 Reproductive data for the F0 generation

3.2.2.1 Mating data (Tables 17 and 18, Appendix 20)

Data obtained after the F0 mating trial are summarized as follows:

Summary of mating data

Dose-level (mg/kg/day)	0	250	100	300
Paired males + females	25+25	25+25	25+25	25+25
Males able to mate with at least one female	25	25	25	25
Male mating index (%)	100	100	100	100
Females able to mate	25	25	25	25
Female mating index (%)	100	100	100	100
Pre-coital time (days)				
. mean	3.28	2.76	2.52	2.72

The F0 male and female mating indices were comparable among the groups and unaffected by treatment.

3.2.2.2 Fertility data (Tables 17 and 18, Appendices 21 to 23)

Male and female fertility data are summarized as follows:

Summary of fertility data

Dose-level (mg/kg/day)	0	250	500	1000
<i>- Males</i>				
. which mated at least once	25	25	25	25
. with at least one pregnant partner	23	21	22	25
. male fertility index (%)	92	84	88	100
<i>- Females</i>				
. mated females	25	25	25	25
. pregnant females	23	21	22	25
. female fertility index (%)	92	84	88	100

The male and female fertility indices were comparable among the groups and unaffected by treatment.

The estrous cycle was unaffected at all dose-levels.

3.2.3 Pregnancy and parturition data (Table 18, Appendices 22 and 23)

The data obtained during pregnancy and delivery are summarized as follows:

Summary of pregnancy and parturition data

Dose-level (mg/kg/day)	0	250	500	1000
Pregnant females	23	21	22	25
. died during pregnancy	0	0	0	0
. females with live born pups	23	21	22	25
Pregnancy index (%)	100	100	100	100
Duration of gestation (days)	21.7	21.5	21.5	21.8
Litter size at birth	14.3	14.1	14.9	14.2
Post-implantation loss (%)	4.3	5.7	4.9	6.5
Pup weight/litter on day 1 <i>pp</i> (g)	6.6	6.5	6.3	6.8
male pups (%)	52.4	47.6	48.0	54.8

pp.: post-partum.

All of the parameters listed above were similar for the control and treated females, and any fluctuations present were generally considered to reflect normal variability. The exception was a slightly higher post-implantation loss recorded at 250 and 500 mg/kg/day (due to litters found dead or sacrificed prematurely due to poor clinical condition). This finding was considered unrelated to treatment since it was not present in the high-dose group.

In conclusion, treatment with the test item had no influence on implantation, fecundity, post-implantation and neo-natal losses, gestation and delivery parameters.

3.2.4 Examination of the pups during the lactation period (Table 18, Appendices 24 to 30)

3.2.4.1 Survival (Table 18, Appendices 24 and 25)

The survival of the pups during the lactation period is summarized as follows:

Survival of the pups

Dose-level (mg/kg/day)	0	250	500	1000
Litters obtained	23	21	22	25
Pups delivered/dam	14.3	14.1	14.9	14.2
Females with total litter losses (number of pups dead or sacrificed)	0	1 (6)	3 (35)	0
Pups which died between days 1 and 4 <i>pp</i>	8	21**	58***	8
Number of litters with pups lost ^(a) between days 1 and 4 <i>pp</i>	1	8	9	2
Total number of litters with pups lost during lactation ^(a)	5	13	11	4
Viability index on day 4 <i>pp</i> (before culling)	97.6%	92.9%	82.3%	97.7%
Pups which died during the 2 nd week	2	2	1	2
Pups which died during the 3 rd week	0	0	0	0
Total of decedent pups	18 (5.48%)	35 (11.82%)	64 (19.6%)	10 (2.8%)
Lactation index (%)	94.6	91.7	96.1	99.0

pp: post-partum

** : p<0.01

*** : p<0.01

(a): including females with total litter loss.

At 250 and 500 mg/kg/day, the number of pups which died during the lactation period was slightly higher during the first 4 days after birth than in controls, but was within normal limits for the high-dose group. Since no dose/response relationship was apparent, pup survival was therefore considered to be unaffected by the treatment.

Viability and lactation indices were unaffected by the treatment at all dose-levels.

3.2.4.2 Clinical signs and gross external abnormalities (Appendix 26)

The following relevant clinical signs were noted during the lactation period:

Number of pups and [litters] with clinical signs

Dose-level (mg/kg/day)	0	250	500	1000
Emaciated appearance and/or cold to the touch and/or dehydration	1 [1]	10 [4]	20 [4]	6 [4]

Clinical signs observed (emaciated appearance, coldness to the touch, dehydration) were present in one (B29626) and three litters (B29661, B29668 and B29675) from the 250 and 500 mg/kg/day, respectively. Pups from these litters were found dead or were prematurely sacrificed for ethical reasons (6 pups from the low-dose group and 17 pups from the intermediate dose group).

Similar findings were also observed in four pups from three litters at 250 mg/kg/day, three pups from one litter at 500 mg/kg/day and six pups from four different litters at 1000 mg/kg/day.

Most of these pups displayed lower body weight. However, since the incidence of these clinical signs was not dose related and did not correlate with lower mean group body weight gain, they were consequently considered fortuitous and unrelated to treatment.

There were no gross external abnormalities in the pups.

3.2.4.3 Body weight (Figures 12 and 13, Tables 18 and 19, Appendix 27)

Body weight and body weight gain of pups during the lactation period are summarized as follows:

Mean body weight and body weight gain of the pups (g)

Dose-level (mg/kg/day)	0	250	500	1000
Body weight on day 1 <i>pp</i>	6.6	6.5 (-2%)	6.3 (-5%)	6.8 (+3%)
Body weight gain day 1-day 4 <i>pp</i>	2.2	2.2 (0%)	2.0 (-9%)	2.4 (+9%)
Body weight gain day 4-day 21 <i>pp</i>	40.2	41.5 (+3%)	41.0 (+2%)	42.3 (+5%)
Body weight on day 21 <i>pp</i>	49.1	50.4 (+3%)	49.4 (+1%)	51.5 (+5%)

pp: post-partum.

Body weight and body weight gain were not affected by the treatment at any dose-level.

3.2.4.4 Anogenital distance (Table 20, Appendix 28)

In all treated groups, anogenital distance, the ratio of anogenital distance to pup body weight and anogenital distance normalized with the cube root of the pup's body weight, were not significantly affected by treatment.

F0 generation
Mean values of anogenital distance

Dose-level (mg/kg/day)		Male				Female			
		0	250	500	1000	0	250	500	1000
AGD (mean/female)	Mean	4.71	4.62	4.47	4.64	2.84	2.77	2.63	2.68
	SD	0.43	0.33	0.39	0.30	0.36	0.24	0.26	0.37
PW (mean/female)	Mean	6.80	6.70	6.50	7.00	6.40	6.40	6.00	6.50
	SD	0.70	0.60	0.70	0.70	0.60	0.60	0.60	0.60
AGD/PW (mean/female)	Mean	0.69	0.69	0.70	0.67	0.44	0.44	0.44	0.42
	SD	0.06	0.07	0.09	0.07	0.06	0.06	0.05	0.07
AGD/Cube root of body weight (a)	Mean	2.48	2.45	2.40	2.43	1.53	1.50	1.45	1.44
	SD	0.18	0.17	0.21	0.15	0.18	0.14	0.14	0.20

AGD: anogenital distance (mm)

PW: pup weight (grams)

GD/PW: corrected anogenital distance

(a): the anogenital distance is normalized to the cube root of pup body weight

The slightly lower anogenital distance observed in females given 1000 mg/kg/day was minor (-6% compared to controls), not indicative of masculinization (no lengthening of anogenital distance) and did not correlate with any delay in sexual development (see § sexual development of F1 generation) and was consequently not considered to be of biological significance.

3.2.4.5 Assessment of reflex development (Table 21, Appendix 29)

There was no evidence of any adverse treatment-related changes in surface righting, cliff avoidance and air righting (95 to 100% positive response). Although the proportion of pups exhibiting a positive righting response in the low and intermediate treatment groups was significantly lower than in the controls ($p < 0.05$), the magnitude of this difference was very small (3-4%) suggesting it was a chance finding of no biological relevance.

3.3 F1 GENERATION*

3.3.1 Clinical examinations of F1 parent males and females

3.3.1.1 Mortality (Tables 32 to 35, Appendices 36 to 39)

Males

No deaths occurred during the study in males given 250 and 1000 mg/kg/day.

In the control group, one male in poor clinical condition on day 36 (round back, emaciated appearance, piloerection, cold to the touch, hypokinesia, dyspnea) with marked body weight loss (days 29 to 36, -44 g) was prematurely sacrificed on day 37.

At 500 mg/kg/day, one male was found dead after dosing on day 93. No clinical signs were noted prior to death except ptyalism, which was transiently observed immediately after dosing. The necropsy revealed dilatation of the lungs and foamy contents within the lungs suggesting difficulties during gavage dosing of this animal. This death was not considered to be related to the toxicity of the test item since no deaths were recorded at the highest dose-level.

Females

There were no deaths during the gestation period at any dose-level.

During the pre-mating period, one female given 1000 mg/kg/day was found dead on day 47. This death was considered to be incidental since there were no remarkable clinical signs, no change in body weight or food consumption and no findings at necropsy.

During the lactation period, two females given 250 and 1000 mg/kg/day, were prematurely sacrificed because their whole litters were found dead a few days after birth. The death of these litters is discussed in § 3.3.5.1).

3.3.1.2 Clinical signs (Tables 32 to 35, Appendices 36 to 39)

Males

In the treated groups, transient ptyalism (excess of salivation) was observed immediately after dosing in 11, 21, 24 or 25/25 males from the control, 250, 500 or 1000 mg/kg/day dose groups, respectively, at various times during the study and was still present one hour after dosing in 5, 6 and 9/25 males at 250, 500 and 1000 mg/kg/day.

Females

During the pre-mating period, transient ptyalism was recorded immediately after dosing in 2, 10, 17 or 22/25 females from the control, 250, 500 or 1000 mg/kg/day dose groups, respectively. During the pregnancy period, transient ptyalism was observed immediately after dosing in 2/21, 4/22 or 10/20 females from the 250, 500 or 1000 mg/kg/day dose groups. During the lactation period, ptyalism was also recorded immediately after dosing in 2/20, 4/22 or 9/19 females from the 250, 500 or 1000 mg/kg/day dose groups.

In general, symptoms of ptyalism resolved in all females and in most males one hour after dosing.

Ptyalism is commonly noted following gavage administration of unpalatable test items, and is therefore not considered an adverse effect.

Areas of hair loss, chromodacryorrhea, mass on mammary gland, necrosis of the tail, soft feces, loud breathing, dyspnea, abdominal breathing and regurgitation were observed sporadically in a few animals randomly distributed among the groups, including the control group, and therefore were not considered to be treatment related.

*Note: off-spring born to F1 dams are described as "F1 pups" until weaning, after which those that receive further treatment are called "F2 animals".

3.3.1.3 Body weight (Figures 14, 15, 17, 18, 20, 21 and 23, Tables 36 to 43, Appendices 40 to 47)

No differences in body weight or body weight gain were observed in males or females throughout the dosing period.

Although some variations in female body weight gain were apparent during the pre-mating, pregnancy and lactation periods, these were considered unrelated to the treatment since they were minor and/or not dose-related and were not correlated with any change in food consumption.

3.3.1.4 Food consumption (Figures 16, 19, 22 and 24, Tables 44 to 47, Appendices 48 to 51)

No difference was recorded in food consumption for females throughout the dosing period.

For males, although the food consumption was slightly increased during few periods reaching significance (days 50 to 57, +8%, $p < 0.05$, days 57 to 64, +12%, $p < 0.01$, days 106 to 113, +8%, $p < 0.05$), this change was not considered to represent an adverse effect.

3.3.1.5 Sexual development of the F1 generation (Tables 48 and 49, Appendix 52)

Males

The mean age at preputial separation (cleavage of the balanopreputial gland) was unaffected by the treatment (i.e. occurred on day 35, 34, 35 or 35 for pups from the control, 250, 500 and 1000 mg/kg/day groups, respectively).

Females

The mean age for vaginal opening was unaffected by the treatment (i.e. occurred on day 34, 34, 35 or 33 for pups from the control, 250, 500 and 1000 mg/kg/day, respectively).

3.3.2 Neurobehavioral tests of the F1 generation

3.3.2.1 Auditory function (Table 50, Appendix 53.1.)

Auditory function (as assessed by acoustic startle reflex) was not affected in any of the treated groups when the animals were tested at 4 weeks old.

3.3.2.2 Visual function (Table 51, Appendix 53.2.)

Visual function (as assessed by pupil constriction reflex) was not affected in any of the treated groups when the animals were tested at 4 weeks old.

3.3.2.3 Spontaneous locomotor activity (Tables 52 to 55, Appendix 53.3.)

The fluctuations recorded for spontaneous locomotor activity (measured twice using an automated infra-red sensor equipment when the animals were 7 and 8 weeks old) were slight, not consistent between the two trials and unrelated to dose, and were therefore considered not to reflect any treatment-related effect.

3.3.3 Reproductive data for the F1 generation

3.3.3.1 Mating data (Tables 56 and 57, Appendix 54)

Data obtained after the F1 mating trial are summarized below:

Summary of mating data

Dose-level (mg/kg/day)	0	250	500	1000
Paired males + females	24+25	25+25	25+25	25+24*
Male mating index (%)	96	96	100	96
Females able to mate **	24	24	25	23
Female mating index ** (%)	100	96	100	96
Pre-coital time (days)				
. mean	3.0	3.5	2.6	2.4

*: one female dead before mating

** : including pregnant females with no detection of sperm at vaginal lavage

The F1 male and female mating indices were similar among the groups and unaffected by treatment.

3.3.3.2 Fertility data (Tables 56 and 57, Appendices 55 to 57)

Male and female fertility data are summarized below:

Summary of fertility data

Dose-level (mg/kg/day)	0	250	500	1000
<i>- Males</i>				
. which mated at least once	24	24	25	23*
. with at least one pregnant partner	22	22	22	22
. male fertility index (%)	92	92	88	96
<i>- Females</i>				
. mated females **	25	24	25	23*
. pregnant females **	22	22	22	22
. non pregnant females	3	3	3	2
. female fertility index (%)	88	92	88	96

*: one female dead before mating

** : including pregnant females with no detection of sperm at vaginal lavage

The male and female fertility indices were similar among the groups and unaffected by treatment. As confirmed by histopathological examination of reproductive organs from non pregnant females, no abnormalities indicative of lower fertility were noted (see § Pathology). The estrous cycle was unaffected at all dose-levels.

3.3.4 Pregnancy and parturition data (Table 57, Appendices 56 and 57)

Data obtained during pregnancy and delivery are summarized below:

Summary of pregnancy and parturition data

Dose-level (mg/kg/day)	0	250	500	1000
Pregnant females*	21	22	22	20
Pregnant females**	22	22	22	22
. died during pregnancy	0	0	0	0
. with no delivery	0	1	0	0
. females with live born pups	21	21	22	20
Pregnancy index* (%)	95.5	95.5	100.0	91.0
Duration of gestation (days)	21.5	21.6	21.6	21.6
Litter size at birth	13.7	13.7	13.7	14.0
Pup weight/litter on day 1 <i>pp</i> (g)	6.7	6.5	6.5	6.6
Male pups (%)	50.5	51.0	51.5	52.1

pp.: post-partum

*: all pregnant females with detection of sperm at vaginal lavage

** : including pregnant females with no detection of sperm at vaginal lavage

All of the parameters listed above were similar for the control and treated females, and any fluctuations present were generally considered to reflect normal variability.

Absence of delivery was observed in one pregnant female from the 250 mg/kg/day group. At necropsy of this female a single implantation site was recorded; this finding was considered to have occurred by chance since it was only present in one animal from the low dose-level.

In conclusion, treatment with the test item had no influence on mating, implantation, fecundity, gestation and delivery parameters.

3.3.5 Examination of the pups during the lactation period

3.3.5.1 Survival (Table 58, Appendices 59 and 60)

Survival of pups during the lactation period is summarized as follows:

Survival of the pups				
Dose-level (mg/kg/day)	0	250	500	1000
Litters obtained	21	21	22	20
Pups delivered/dam	13.7	13.7	13.7	14.0
Females with total litter loss *(N) (No. of pups lost in bracket)	0	1 (12)	0	1 (16)
Pups which died between days 1 and 4 <i>pp</i> (N)	7	15	9	20**
Total of decedent pups (%) (between days 1 to 21 <i>pp</i>)	11 (4%)	17 (5%)	9 (3%)	21 (8%)
Viability index on day 4 <i>pp</i> (%) (before culling)	97.6	94.8	97.0	92.9
Lactation index (%)	97.6	98.8	100.0	99.3

pp: post-partum

*: dead or cannibalized pups

** : p<0.01

At 250 and 1000 mg/kg/day, the number of pups which died during the lactation period was slightly higher than controls during the first 4 days of lactation. Because this change was not dose-related (concerned only one litter in each of these two groups with particularly high litter size (B29739 and B29799), it was considered to be spontaneous and therefore not related to treatment. Furthermore, lactation index (survival of animals during the whole lactation period) was not affected by treatment at any dose-level.

3.3.5.2 Clinical signs and gross external abnormalities (Appendix 60)

At 1000 mg/kg/day, absence of tail (acaudia) was observed at birth in two female pups from two different litters (dam B29776 pup 13; dam B29796 pup 13), with anal atresia also present in one of these pups (dam B29776, pup 13). Body weight of these pups was lower than controls on days 1 and 4 *post-partum*. Since the incidence of the absence of tail (2/280 pups; 0.7%) was not within the range of CIT reference control data (minimum = 0.0%; maximum = 0.05% (data obtained from 16 studies ranging between October 2000 and December 2003)) but close to MARTA (2004) historical control database (mean percent affected fetuses per litter per group: 0.31% for a total of 22147 fetuses from 1575 control litters during the period 1990 to present), a relationship to treatment could not be clearly established.

No historical control data are available from CIT for the incidence of anal atresia in SD rats, however the incidence observed in this study (1/280 pups; 0.35%) was close than that recorded in the MARTA (2004) historical control database (mean percent affected fetuses per litter per group: 0.32%) for a total of 22147 fetuses from 1575 control litters during the period 1990 to present.

It is also noted that no instance of acaudia or anal atresia was found in off-spring from dams treated with ETBE at a dose of 1000 mg/kg/day during a preliminary dose-range finding study (zero incidence in 164 fetuses from 12 litters and 144 pups from 11 litters; *CIT/Study No. 24168 RSR*, October 2003) or a developmental toxicity study (zero incidence in 258 fetuses from 22 litters; *CIT/Study No. 24860 RSR*, January 2004). Overall, therefore, it is concluded that the occurrence of acaudia and anal atresia in the present study was most probably spontaneous in origin and not clearly related to treatment with the test item.

Tremors and ataxia were present from day 15 *post-partum* in one pup from the 250 mg/kg/day group which was sacrificed prematurely for humane reasons.

The other clinical signs observed in the pups (necrosis of the tail or of the limbs, cold to the touch, emaciated appearance) were low in incidence, not dose-related and randomly distributed between the litters and treatment groups.

3.3.5.3 Body weight (Figures 25 and 26, Table 58, Appendix 61)

Body weight and body weight gain of pups during the lactation period are summarized as follows:

Mean body weight and body weight gain of the pups (g) and percentage compared to controls (%)

Dose-level (mg/kg/day)	0	250	500	1000
Body weight on day 1 <i>pp</i>	6.7	6.5 (-3%)	6.5 (-3%)	6.6 (-1%)
Body weight gain day 1-day 4 <i>pp</i>	2.6	2.5 (-4%)	2.5 (-4%)	2.3 (-11.5%)
Body weight gain day 4-day 21 <i>pp</i>	41.4	42.0 (+1%)	40.5 (-2%)	41.2 (-0.5%)
Body weight on day 21 <i>pp</i>	50.6	51.0 (+1%)	49.6 (-2%)	50.2 (-1%)

pp: post-partum

No effect on body weight or body weight gain was noted at 250 and 500 mg/kg/day while a transient, non-significant reduction in body weight gain was observed at 1000 mg/kg/day during the first 4 days after birth which returned to normal thereafter. Although this difference in body weight gain was slight (-11.5%), transient and non-significant it was considered possibly related to the treatment.

However no comparable effect was present in F0 pups or in pups from a preliminary range-finding study (CIT/Study No. 24168 RSR, October 2003), hence its biological significance is unclear.

3.3.5.4 Anogenital distance (Table 59, Appendix 62)

The anogenital distance measured on day 1 *post-partum* is summarized in the table below:

F1 generation
Mean values of anogenital distance

Dose-level (mg/kg/day)		Male				Female			
		0	250	500	1000	0	250	500	1000
AGD (mean/female)	Mean	4.57	4.56	4.54	4.63	2.80	2.72	2.81	2.90
	SD	0.39	0.42	0.42	0.38	0.35	0.29	0.29	0.33
PW (mean/female)	Mean	6.9	6.7	6.6	6.8	6.5	6.3	6.4	6.3
	SD	0.6	0.6	0.5	0.6	0.6	0.6	0.5	0.6
AGD/PW	Mean	0.67	0.69	0.69	0.69	0.44	0.44	0.45	0.47
	SD	0.06	0.10	0.08	0.09	0.06	0.07	0.06	0.09
AGD/Cube root of body weight (a)	Mean	2.41	2.42	2.42	2.45	1.51	1.47	1.51	1.57
	SD	0.18	0.25	0.23	0.21	0.21	0.18	0.16	0.22

AGD: anogenital distance (mm)

PW: pup weight (grams)

AGD/PW: corrected anogenital distance

(a): the anogenital distance is normalized to the cube root of pup body weight

In all treated groups, anogenital distance, ratio of anogenital distance to pup body weight and anogenital distance normalized to the cube root of the pup's body weight, were not affected by treatment. The minimal non significant increase in mean anogenital distance when normalized to the cube root of body weight for females given 1000 mg/kg/day (+4%) was mainly due to the influence of several pups from one litter (B29799) which were found dead on day 2 or 3 *post-partum*. When compared with values from other litters, this litter exhibited higher mean anogenital distance (3.46 mm) and lower mean pup weight (4.1 g). Furthermore, although pups No. 13 from dams B29776 and B29796 given 1000 mg/kg/day group displayed anouria and anal atrasia, normal anogenital distance was measured.

This change in mean anogenital distance did not correlate with any change in sexual maturation or in sex ratio, consequently these variations were considered to be spontaneous in origin.

3.3.5.5 Assessment of reflex development (Table 60, Appendix 63)

There was no evidence that any reflex or response was disturbed at any dose-level in any pup as assessed by surface righting, cliff avoidance and air righting (between 96.0 and 99.4% positive response).

3.3.5.6 Macroscopic *post-mortem* examination of dead pups and non selected pups sacrificed at weaning (Table 61, Appendix 64)

No macroscopic findings were noted in any non-selected pups sacrificed after weaning or in dead pups.

3.4 F2 GENERATION

3.4.1 Clinical examinations of F2 parent males and females from weaning until sexual maturation

3.4.1.1 Mortality (Tables 72 and 73, Appendices 70 and 71)

Males

No deaths occurred during the study in any group.

Females

One female from the control group was found dead on day 25 of the dosing period. No clinical sign was recorded prior to death. The necropsy revealed foamy contents in the trachea and the lungs and reddish color of the lungs, which are indicative of a difficulties during gavage dosing. No other death was observed in the treated groups.

3.4.1.2 Clinical signs (Tables 72 and 73, Appendices 70 and 71)

Males

Transient ptialism was observed immediately after dosing in 2, 8, 4 and 13/25 males from the control, 250, 500 or 1000 mg/kg/day dose groups, respectively, at various times during the study. This sign was considered to be related to treatment with the test item but was not considered to represent an adverse effect.

One male from the 1000 mg/kg/day group exhibited piloerection and a rounded back from days 4 to 6 of the dosing period; these signs were considered most probably related to abnormal tooth growth observed from days 4 to 23 of dosing.

Females

Transient ptialism was recorded immediately after dosing in 2, 3 and 11/25 females from the 250, 500 or 1000 mg/kg/day dose groups, respectively.

Ptyalism resolved in all males and females one hour after dosing.

As indicated when discussing findings for the F0 and F1 generations, ptialism is commonly noted following gavage administration of unpalatable test items and is therefore not considered an adverse effect.

3.4.1.3 Body weight (Figures 27, 28, 30 and 31, Tables 74 to 77, Appendices 72 to 75)

Except for a minimal non significant decrease in body weight gain in females given 1000 mg/kg/day over the whole dosing period (days 1 to 22, -5%), no differences in body weight or body weight gain were observed for either sex in the other groups.

This change in females body weight gain, recorded at 1000 mg/kg/day, was minor, not statistically significant and did not correlate with any alteration in food consumption. It was therefore considered unrelated to treatment.

3.4.1.4 Food consumption (Figures 29 and 32, Tables 78 and 79, Appendices 76 and 77)

No difference was recorded in food consumption for both males and females throughout the dosing period.

3.4.1.5 Sexual development (Tables 80 and 81, Appendix 78)

Males

The mean age at preputial separation (cleavage of the balanopreputial gland) was similar in the control and the treated groups (i.e. occurred on day 36, 35, 35 or 36 for pups from the control, 250, 500, 500 and 1000 mg/kg/day, respectively).

Females

The mean age for vaginal opening was similar in the control and the treated groups (i.e. occurred on day 35, 34, 34 or 33 for pups from the control, 250, 500 and 1000 mg/kg/day, respectively).

3.5 SEMINOLOGY OF F0 AND F1 PARENT MALES (Tables 23, 24, 62 and 63, Appendices 31 and 65)

The seminology parameters of males of the F1 generation sacrificed after weaning of the pups is summarized in the table below:

Summary of sperm parameters (F0 and F1 generations)

Dose-level (mg/kg/day)	0	250	500	1000
F0 males				
<i>Epididymal sperm count</i>				
Spermatozoa ($10^3/\text{mm}^3$)	923	938	935	918
Motility (% motile)	99.7	100	98.6	97.6
Normal morphology (%)	93	93	97	96
<i>Testicular sperm</i>				
Sperm heads ($10^6/\text{g}$ of testis)	114.8	109	108	109.8
Daily sperm production ($10^6/\text{g}$ of testis/day)	18.8	17.9	17.7	18.0
F1 males				
<i>Epididymal sperm count</i>				
Spermatozoa ($10^3/\text{mm}^3$)	725	673	701	688
Motility (% motile)	84.6	87.1	93.3	88.3
Normal morphology (%)	84	86	86	88
<i>Testicular sperm</i>				
Sperm heads ($10^6/\text{g}$ of testis)	100.6	97.8	105.3	99.8
Daily sperm production ($10^6/\text{g}$ of testis/day)	16.5	16.0	17.3	16.4

The fluctuations noted in seminology parameters from F0 and F1 males were minor in magnitude, not statistically significant and not dose-related.

The slightly lower testicular sperm head count noted in treated males from the F0 generation appeared to be the consequence of a high control value.

The decrease and/or occasional absence of spermatozoa in the testis or epididymis (oligospermia, aspermia) of few individuals randomly distributed within the groups was confirmed by histopathological examination but considered to be spontaneous in nature (no dose/response relationship).

It was concluded that seminology parameters were unaffected by treatment at all dose-levels.

3.6 PATHOLOGY F0, F1 AND F2 GENERATIONS

3.6.1 F0 generation

3.6.1.1 Organ weights

3.6.1.1.1 Parents (Table 25, Appendix 32)

The principal differences (expressed in %) noted between treated and control animals in the absolute and relative organ weights are given in the table below:

Group	Males			Females		
	2	3	4	2	3	4
Dose-level (mg/kg/day)	250	500	1000	250	500	1000
- Liver						
. absolute	+2	+2*	+17**	-1	+4	+6
. relative	+3	+6	+24**	+10	+8	+4
- Kidneys						
. absolute	+11	+15**	+21**	-1	+2	+5
. relative	+11	+18**	+28**	+9	+5	+3

** : p<0.01, * : p<0.05

The higher absolute and relative liver weights in males given 1000 mg/kg/day were considered to be treatment-related and correlated with liver enlargement noted during necropsy and hepatocellular hypertrophy detected in livers from three animals subject to histopathological examination. Liver weights from females given 1000 mg/kg/day were slightly (increased 4-6%) but non-significantly increased.

The higher kidney weights in male rats from the 1000 mg/kg/day group were also considered to be treatment-related, and correlated with the presence of acidophilic globules detected microscopically in the cortical tubular epithelium from five animals subjected to histopathological examination. Kidney weights were also significantly increased in male rats given 500 mg/kg/day (no microscopic examination performed).

There were sporadic, occasionally significant, differences in other absolute and/or relative organ weights between treated and control animals, however the changes were generally minimal, not dose-related, inconsistently expressed within the sexes or did not correlate with any histopathological abnormalities upon microscopic examination. They were therefore considered to be of no toxicological importance.

3.6.1.1.2 Pups sacrificed at weaning (Table 26, Appendix 32)

Some differences were noted in absolute and relative brain, spleen and thymus weights between groups, however these were minor and not statistically significant and were therefore considered to be of no toxicological importance.

3.6.1.2 Macroscopic *post-mortem* examination

3.6.1.2.1 Parents (Table 27, Appendix 33)

Liver enlargement was noted in three males given 1000 mg/kg/day, and tissue was therefore sampled for histopathological evaluation. This was considered to be treatment-related and correlated with the hepatocellular hypertrophy noted in these animals.

Kidneys from six males given 1000 mg/kg/day exhibited an unusual coloration (grey/green color or pale), and were sampled for histological assessment.

All other necropsy findings were consistent with commonly observed changes in rats of this strain and age and none were considered to be of toxicological importance.

3.6.1.2.2 Dead pups and non selected pups sacrificed at weaning (Table 22, Appendix 30)

No relevant macroscopic findings were noted in any non-selected pups sacrificed after weaning. No obvious gross findings were recorded for pups found dead. Blackish intestinal contents were the only findings of note in moribund pups subject to premature sacrifice.

3.6.1.3 Microscopic examination (Tables 28 to 31, Appendix 33)

All microscopic findings noted for individuals from the F0 generation are given in detail in the Appendix 33. The following comments are made to summarize.

Liver

Slight to moderate centrilobular hepatocellular hypertrophy was noted in three males from the high-dose group that were considered to show signs of liver enlargement at necropsy. However, there was no evidence of nuclear/cytoplasmic changes indicative of degenerative/ necrotic abnormalities. Consequently, this hepatocellular hypertrophy was considered an adaptive response reflecting an increased metabolic demand following treatment with high doses of ETBE.

Kidneys

Slight to moderate accumulation of acidophilic globules in cortical tubular epithelium was noted in five of six male rats given 1000 mg/kg/day, which were selected for histopathological evaluation due to necropsy abnormalities. The intracellular accumulation of acidophilic globules is commonly encountered in the cortical tubular epithelium of male rat kidneys following exposure to a variety of substances, and is considered due to impaired lysosomal degradation of alpha 2 µglobulin in the cortical tubular cells. This is a species and sex-linked phenomenon considered of no toxicological relevance for human beings (Alden C.L. (1985); Borghoff S.J. *et al* (1990); Hard G.C. and *al* (1993)).

Female genital organs

Microscopic examination of the ovaries, uterus and vagina from control and high-dose females revealed morphological changes consistent with a regular estrous cycle. There was no histopathological evidence that the estrous cycle was disturbed by treatment with the test item. Quantitative analysis of the primordial and growing follicles in the ovaries showed considerable variation between individuals within the same group and between the control and high-dose groups (see summary tables 30 and 31 and Appendix 34). From the values obtained in the individual and summary tables, it can be concluded that no perceptible differences were noted in the number of primordial and growing follicles between control and treated animals.

Male genital organs

Minimal degeneration of seminiferous tubules was noted in two animals from control and two from the high dose group. In addition, desquamated spermatocytes were present in both control (8/25 animals) and treated animals (1/25 animals).

These findings are commonly recorded in rats of this strain and age and were considered to be of no toxicological importance.

Microscopic findings noted in the prostate (interstitial mononuclear cell aggregation, subacute prostatitis) and epididymides (spermatic granuloma) are commonly observed in rats of this strain and age and occurred with equal incidence and severity in both control and treated animals. None were considered to be of toxicological importance.

Other organs and tissue

All other microscopic findings are commonly recorded in rats of this strain, sex and age and were considered to be of no toxicological importance.

3.6.2 F1 Generation

3.6.2.1 Organ weights

3.6.2.1.1 Parents (Table 64, Appendix 66)

The principal differences (expressed in %) noted between treated and control animals in the absolute and relative organ weights are given in the table below:

Group	Males			Females		
	2	3	4	2	3	4
Dose-level (mg/kg/day)	250	500	1000	250	500	1000
Body weight	0	+3	+1	-2	-3	+2
- Kidneys						
. absolute	+10	+22**	+58**	+4	+3	+11**
. relative	+10**	+19**	+58**	+6	+6	+10**
- Liver						
. absolute	0	+14*	+27**	+1	+3	+10*
. relative	0	+11**	+25**	+3	+6	+9*
- Pituitary						
. absolute	+8	+9	+14*	-2	-8	+0
. relative	+9	+8	+13*	-0	-4	-1
- Uterus						
. absolute				-2	-12	+46
. relative				-1	-10	+30

*: statistically significant (p<0.05)

** : statistically significant (p<0.01)

When compared to controls, the statistically significant increase in absolute and relative kidney weights observed in males given 1000 or 500 mg/kg/day was considered to be due to treatment with the test item and possibly related to the intracellular accumulation of sex-linked alpha 2 µglobulin in the cortical tubular epithelium of the kidneys among these animals, some of which were subject to microscopic examination due to necropsy abnormalities.

The statistically significantly higher absolute and relative liver weights observed in males given 1000 mg/kg/day were also considered to be treatment-related and correlated with liver enlargement and hepatocellular hypertrophy noted among some of these animals.

In the absence of microscopic examination, no conclusion could be drawn with respect to the underlying cause of the slight, statistically significant increase in liver and kidney weights from female rats given 1000 mg/kg/day, or the slight significant increase in liver weights from males given 500 mg/kg/day.

As all the individual pituitary values were within the range of the controls from this study, the slightly higher pituitary weights for males given 1000 mg/kg/day were considered to be of no toxicological importance. Moreover, no relevant microscopic finding was observed.

As other differences in absolute and relative organ weights noted between treated and control animals were minimal, they were considered to be of no toxicological importance.

3.6.2.1.2 Pups sacrificed at weaning (Table 65, Appendix 66)

Due to some higher individual values in the control females, there were lower mean absolute and relative spleen weights in the treated females. However, these differences from controls were minor (-6%, -2%, -13%; -5%, -1%, -11%, respectively for absolute and relative weights) not statistically significant and not dose-related. In addition, the differences from controls in spleen weights in the male F2 pups were of lower magnitude (-5%, -6%, -7%; -3%, -3%, -5% respectively for absolute and relative weights) and no similar trend was observed in the male and female F1 pups. Consequently the differences from control in spleen weights were considered to be of no toxicological importance. Some differences from controls were observed in the other organs (brain, thymus). However, they were minor and not dose-related and consequently considered to be of no toxicological importance.

3.6.2.2 Macroscopic *post-mortem* examination

3.6.2.2.1 Parents (Table 66, Appendix 67)

The liver showed an accentuated lobular pattern and/or was enlarged in 2/25 (B29390 and B29399) males given 1000mg/kg/day. This correlated with higher absolute and relative liver weights at necropsy and slight or moderate centri-lobular hepatocellular hypertrophy.

In occasional treated animals (at all dose-levels), grey/green or irregular coloration of the kidneys was observed. This correlated, for the two males (B29391 and B29399) given 1000 mg/kg/day, with moderate or marked acidophilic globules in the cortico-tubular epithelium. Enlargement of the left kidney was observed in 1/25 (B29387) males given 1000 mg/kg/day which had a mass in each kidney. This finding correlated with a microscopic diagnosis of bilateral nephroblastoma, and was considered to be without relationship to the treatment (see Microscopic examination).

All other macroscopic findings were of a type commonly encountered spontaneously in untreated laboratory rat of this strain and age and were thus considered to be of no toxicological significance.

3.6.2.2.2 Pups (Tables 82 and 83, Appendix 79)

Necropsy of the F2 pups after sexual maturation did not reveal any obvious treatment-related effects.

The few findings present (dilated pelvis or intestines, brownish nodule on the liver, serous contents in uterine horns) were recorded sporadically in only a few animals and were randomly distributed between the groups.

3.6.2.3 Microscopic examination (Tables 67 to 71, Appendix 67)

Individual microscopic findings for the F1 generation are given in detail in Appendix 67, however only those found in male liver and kidney were considered to be related to treatment with the test material.

The following comments are made in summary:

Liver

Slight or moderate centrilobular hepatocellular hypertrophy was observed in the liver of two males given 1000 mg/kg/day, the livers of which were examined microscopically. This correlated with enlargement and/or an accentuated lobular pattern and higher liver weight in these animals at necropsy. This was considered to be treatment-related. However, there was no evidence of nuclear/cytoplasmic changes indicative of degenerative/necrotic abnormalities. Consequently, the observed hepatocellular hypertrophy may represent a demand for increased liver function following exposure to high doses of the test item.

Kidneys

Microscopic examination of kidneys from one male given 500 mg/kg/day and four males given 1000 mg/kg/day revealed the presence of acidophilic globules of slight to marked severity. This correlated in 2/4 animals with irregular or grey/green kidney color and was considered to be due to the accumulation of alpha 2 μ globulin in the cortical tubular epithelium of the male rat kidney. In one male given 500 mg/kg/day (B29357), this finding was associated with the presence of sloughed degenerated/necrotic cells (moderate severity) in the tubular lumen.

The intracellular accumulation of acidophilic globules is commonly encountered in the cortical tubular epithelium of male rat kidneys following exposure to a variety of substances, and is considered due to impaired lysosomal degradation of alpha 2 μ globulin in these cells. This is a species and sex-linked phenomenon considered of no toxicological relevance for human beings (Alden C.L. (1985); Borghoff S.J. and *al* (1990); Hard G.C. and *al* (1993)).

Nephroblastoma was found in one male given 1000 mg/kg/day, and correlated with the presence of grossly detected masses in both kidneys and enlargement of the left kidney reported at necropsy. This was considered to be without relationship to treatment with the test item, as it can occur spontaneously, although not commonly in the rat (Hard Gordon C. *et al*, 1995). In addition, such tumors have previously been recorded in our historical control data.

Female genital organs

Microscopic examination of the ovaries, uterus and vagina showed morphological changes indicative of a regular estrous cycle in both control and treated animals, as shown in the table below:

Dose-level (mg/kg/day)	0	1000
Presence of estrous cycle	22/25	20/24
Mucification of vaginal epithelium	2/25	4/24
Epithelial cell hyperplasia of the vaginal epithelium	1/25	0/24
Total number of females examined microscopically	25	24

It was concluded that the estrous cycle was not disturbed by treatment with the test item at doses up to 1000 mg/kg/day.

Quantitative analysis of the primordial and growing follicles in the ovaries showed considerable variation between individuals within the same group and between the control and high-dose groups (see summary tables 69 and 70 and Appendix 68). From the values obtained in the individual and summary tables, it can be concluded that no perceptible differences were noted in the number of primordial and growing follicles between control and treated animals.

Male genital organs

Histopathological examination of testis was conducted in the F1 controls and all F1 treated males.

A reduced number of tailed and round spermatids, spermatocytes, and spermatogonia was observed in 3/25 males given 250 mg/kg/day, 1/24 males given 500 mg/kg/day and 3/25 males given 1000 mg/kg/day *versus* none in the control group. In the three males given 250 mg/kg/day, the male given 500 mg/kg/day and 2/3 males given 1000 mg/kg/day, the marked or severe grading of these findings correlated with disturbance of the different stages of spermatogenic cycle: for these animals, the seminiferous tubules were lined with Sertoli cells only (marked or severe and sometimes vacuolated) and marked oligospermia or aspermia was observed in the epididymides of the males receiving 1000 mg/kg/day (epididymides not examined in the low and intermediate dose-level groups). Nevertheless seminiferous tubules lined by Sertoli cells only were observed with minimal severity and similar incidence in all groups of F1 males including the control. Minimal focal degeneration of germinal epithelium was observed in 1/24, 1/25 or 1/25 males from the control, low- or high-dose groups, respectively. Minimally or slightly degenerated/necrotic cells were observed sloughed in the testicular lumen of 9/24 control males, 4/25 males given 250 mg/kg/day, 8/24 males given 500 mg/kg/day and in 6/25 males given 1000 mg/kg/day. Minimal or moderate vacuolation of the seminiferous tubules or Sertoli cells was observed with similar incidence in treated and control animals, whereas minimal multinucleated giant cells were observed in the testis of 1/25 males given 250 mg/kg/day and 1/25 males given 1000 mg/kg/day. Retained spermatids were found in one male from the intermediate dose group.

In the prostate, apart from minimal or slight hypersecretion, atrophy of the tubulo alveolar units, and acute prostatitis recorded in 1/25 treated males given 1000 mg/kg/day *versus* none in the controls, other findings were recorded at a similar incidence and severity in both high-dose and control males. No relevant microscopic findings were noted in the seminal vesicles.

Although some of the observations detailed above were not present in the controls used in this study, there was no evidence of any dose-response relationship in their incidence and/or severity, and similar findings can arise spontaneously with an equivalent incidence and severity in the untreated rats of this strain and age.

Consequently, all these findings were considered to be without relationship to the treatment.

Other organs and tissues

Vacuolated cortical cells (slight severity) were recorded in the adrenals of 5/25 males given 1000 mg/kg/day vs. none in the control group. Altered cell foci, cystic degeneration and lipomatosis were recorded, each, at minimal severity, in the adrenals of 1/25 males given 1000 mg/kg/day.

Adrenal cortical cell hypertrophy (slight), minimal cystic degeneration and minimal interstitial mononuclear cell aggregation were noted in the adrenals of 1/24, 1/24 or 5/24 treated females, respectively, vs. none in the control group.

Altered cell foci, acidophilic or clear, were recorded in the liver of 1/2 males given 1000 mg/kg/day which were selected for histopathological examination, due to macroscopic abnormalities seen at necropsy.

Fibroadenoma of the mammary gland, correlating with a palpable mass observed at external examination, was observed in one female receiving 1000 mg/kg/day.

As all these findings can occur spontaneously in untreated rats of this strain and age, their low incidence/severity in the top dose group was considered to bear no relationship to treatment with the test item.

4. CONCLUSION

The test item, ETHYL TERTIARY BUTYL ETHER (ETBE), CAS No. 637-92-3, was administered daily by oral gavage to male and female Sprague-Dawley rats at 250, 500 and 1000 mg/kg/day, commencing 10 weeks prior to mating and continuing through mating and gestation until the end of lactation in both the F0 and F1 generations. Progeny of the F1 generation (F2 pups) were treated from weaning until sexual maturity.

For all generations, ptyalism (excessive salivation) was observed with a dose-related trend in both males and females.

At 1000 mg/kg/day, F0 males showed significantly lower body weight gain at the end of the dosing period. Liver weight was significantly increased in males only, with slight to moderate centrilobular hepatocellular hypertrophy in tissue from animals subject to microscopic examination. Kidney weights were also significantly increased in F0 parental males, with acidophilic globules detected after microscopic examination. There were no adverse findings for F0 pups. Significantly greater food consumption during the lactation period was the only finding of note in F0 parental females.

Liver and kidney weights were significantly increased in F1 parental males.

Body weight gain of pups born to mothers from the F1 generation was slightly but non-significantly lower than the controls on *post-partum* days 1-4 (no comparable finding in F0 litters). Two pups born to mothers from the F1 generation exhibited gross external malformations (absence of tail with anal atresia also present in one pup), however the incidence of these findings was comparable to laboratory or external historical control data. Neither malformation was present in 566 pups or fetuses from 45 litters from dams treated with ETBE at 1000 mg/kg body weight/day as part of a dose-range finding study and a developmental toxicity study performed at this laboratory. It was concluded that the findings from the present study were therefore most probably unrelated to treatment with the test item.

No effects were noted in the F2 generation at 1000 mg/kg/day.

At 500 mg/kg/day, significantly lower body weight gain was noted at the end of the dosing period in F0 parental males together with significantly increased kidney weights. Liver and kidney weights were statistically significantly increased in F1 parental males, whereas body weight was unaffected. No effects were noted in the F2 generation.

At 250 mg/kg/day, no relevant findings were observed in the F0, F1 and F2 generations.

Based on these observations, the following No Observed Adverse Effect Levels were established from the study:

Systemic toxicity in the adult (parental) F0 and F1 generations: NOAEL = 250 mg/kg body weight/day (based on body weight and organ weight changes at higher treatment levels).

Ptyalism (excess salivation) was noted in all treated animals (LOEL = 250 mg/kg body weight/day but was not considered to represent an adverse effect of treatment).

Fertility, gonadal function, reproductive performance, parturition and lactation in the parental generations, and development of the off-spring to weaning or sexual maturity: NOAEL = 1000 mg/kg body weight/day (the highest dose tested).

5. BIBLIOGRAPHICAL REFERENCES

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Figure 1

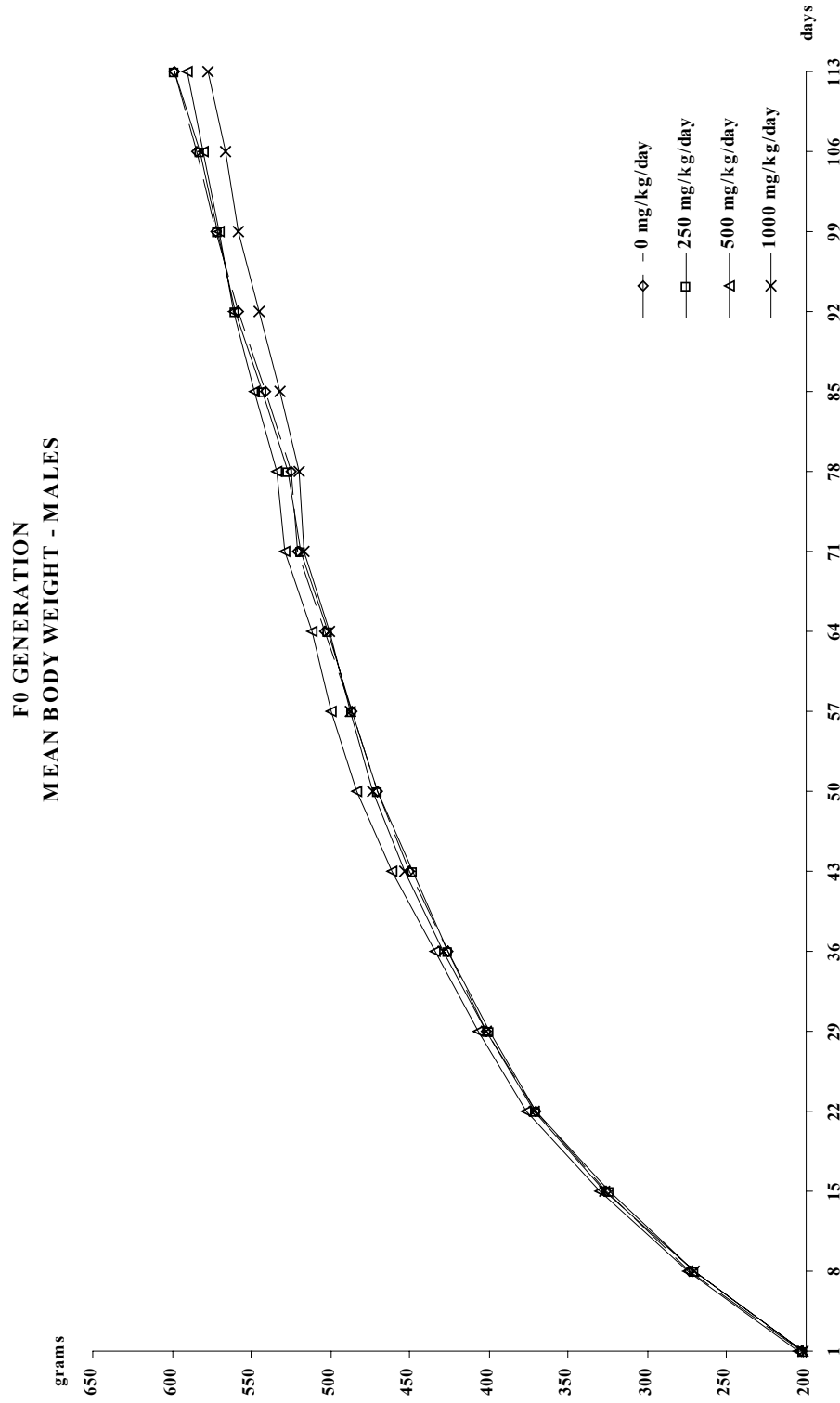


Figure 2

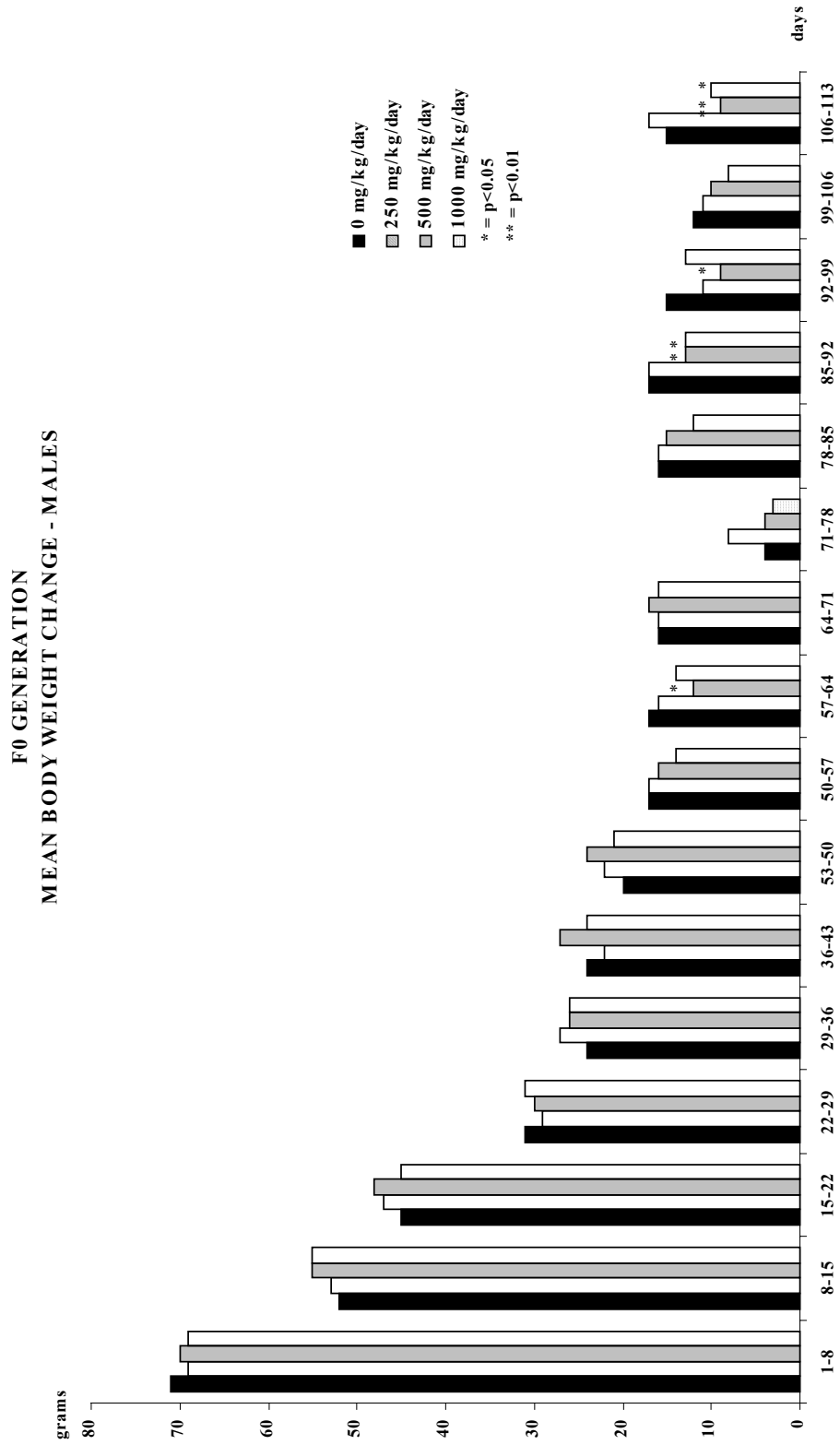


Figure 3

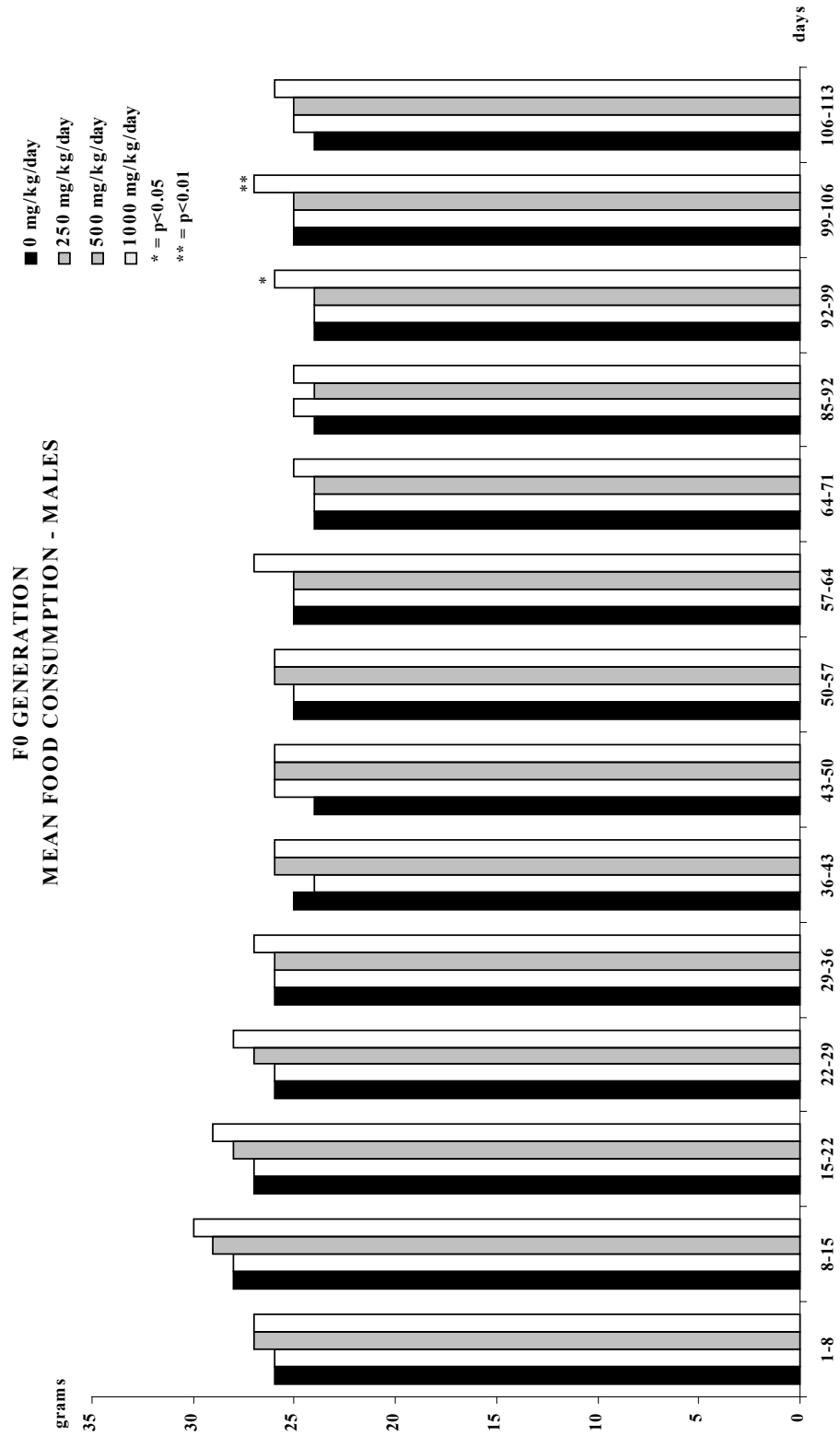


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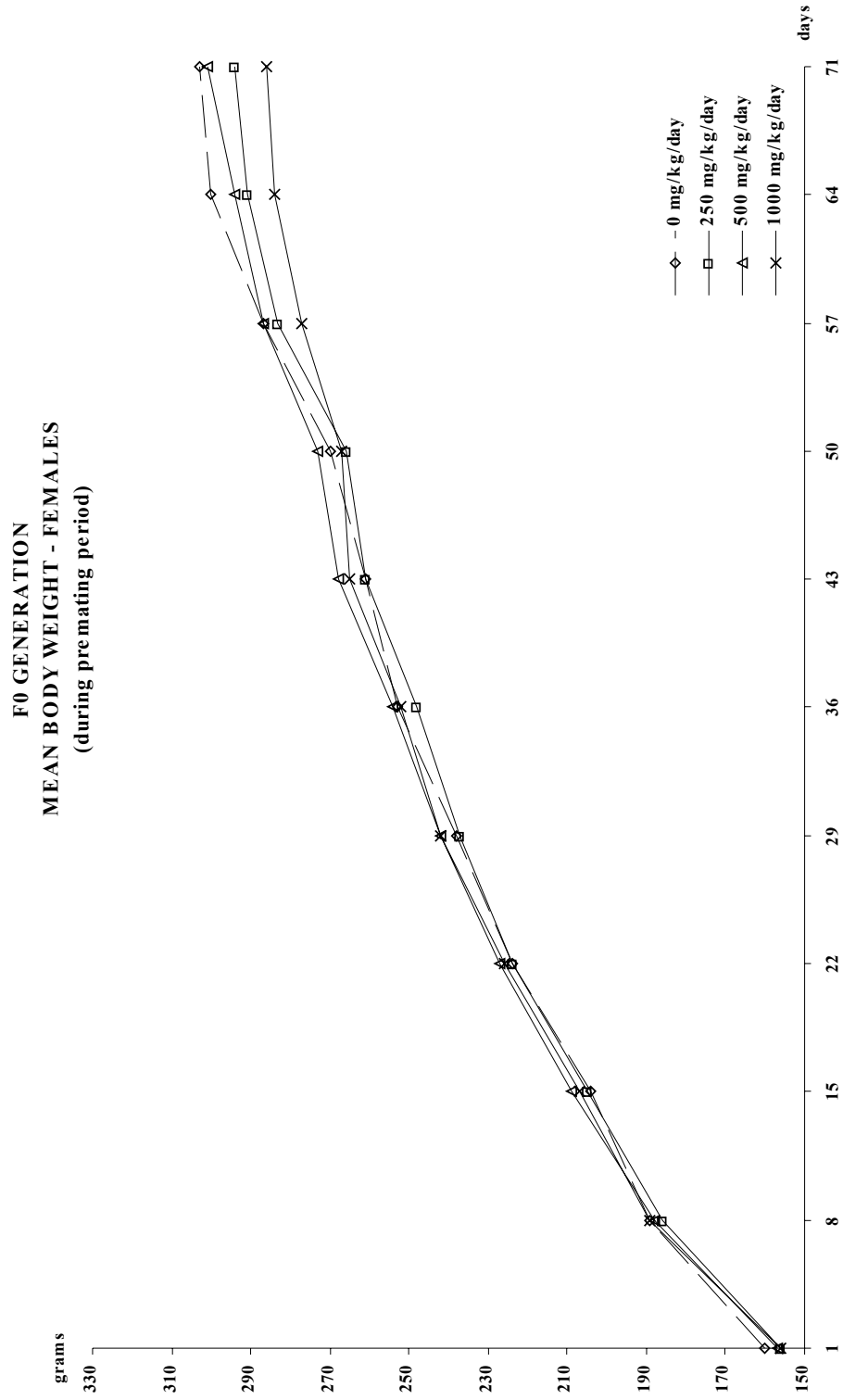


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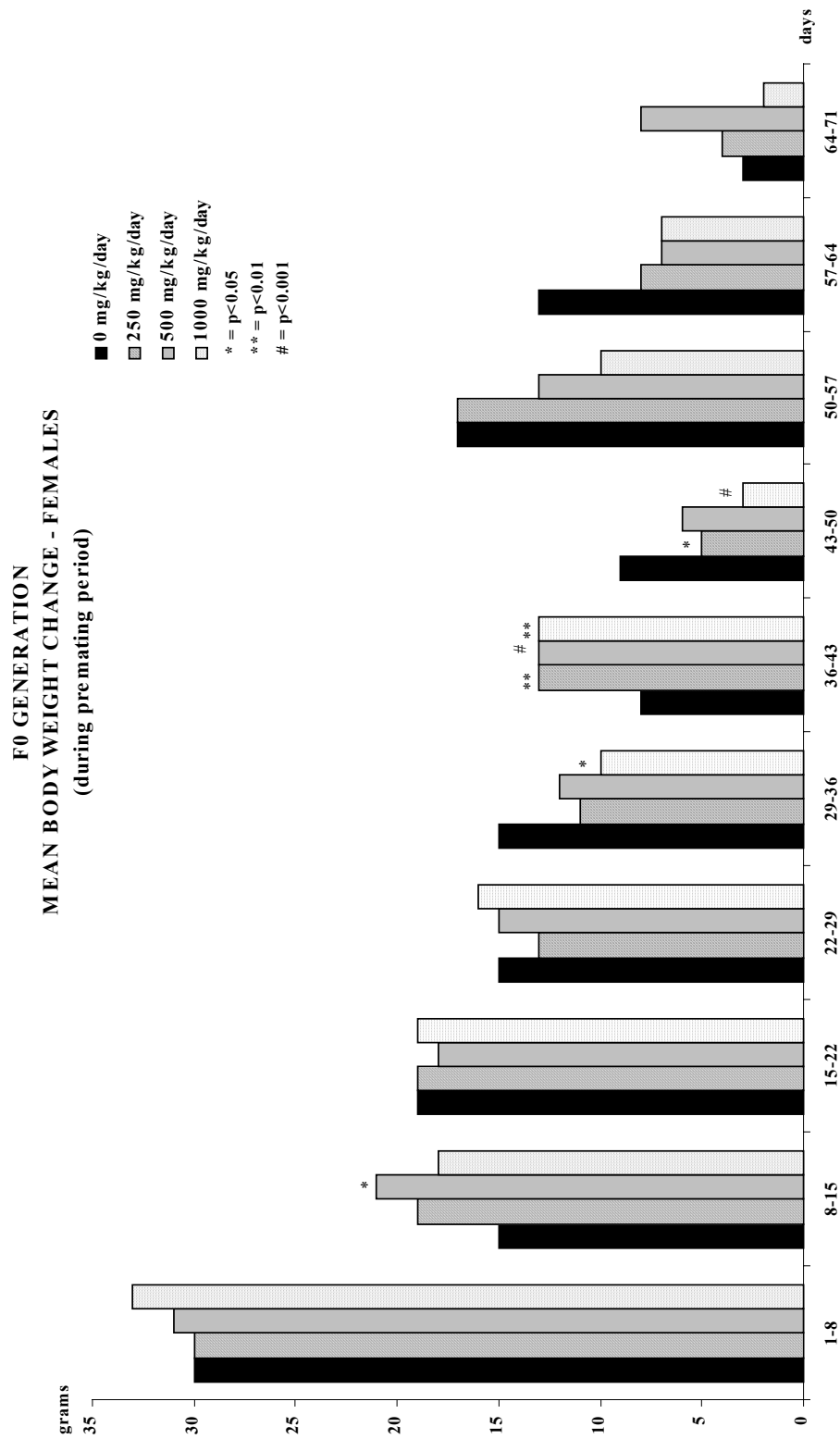


Figure 6

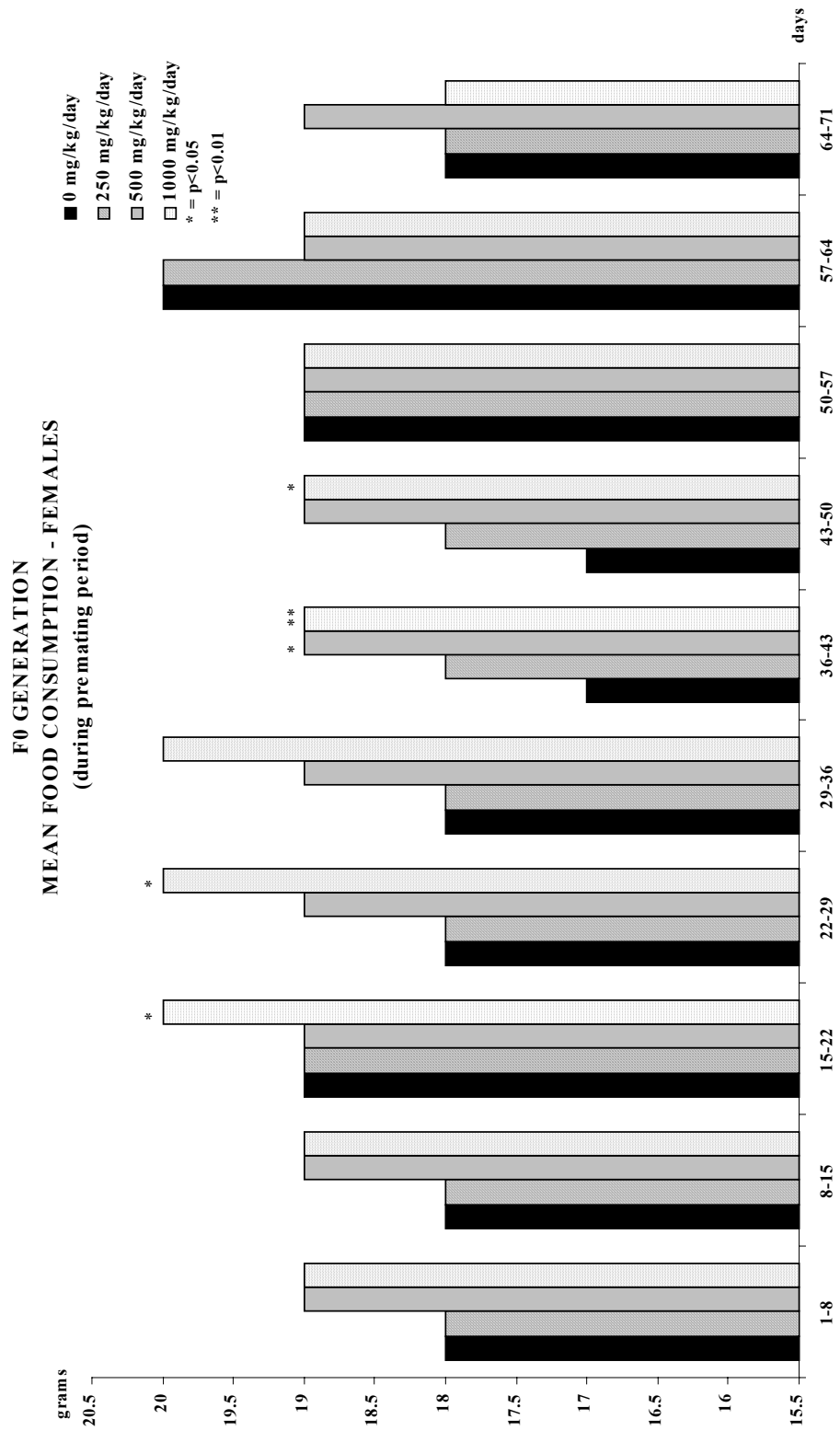


Figure 7

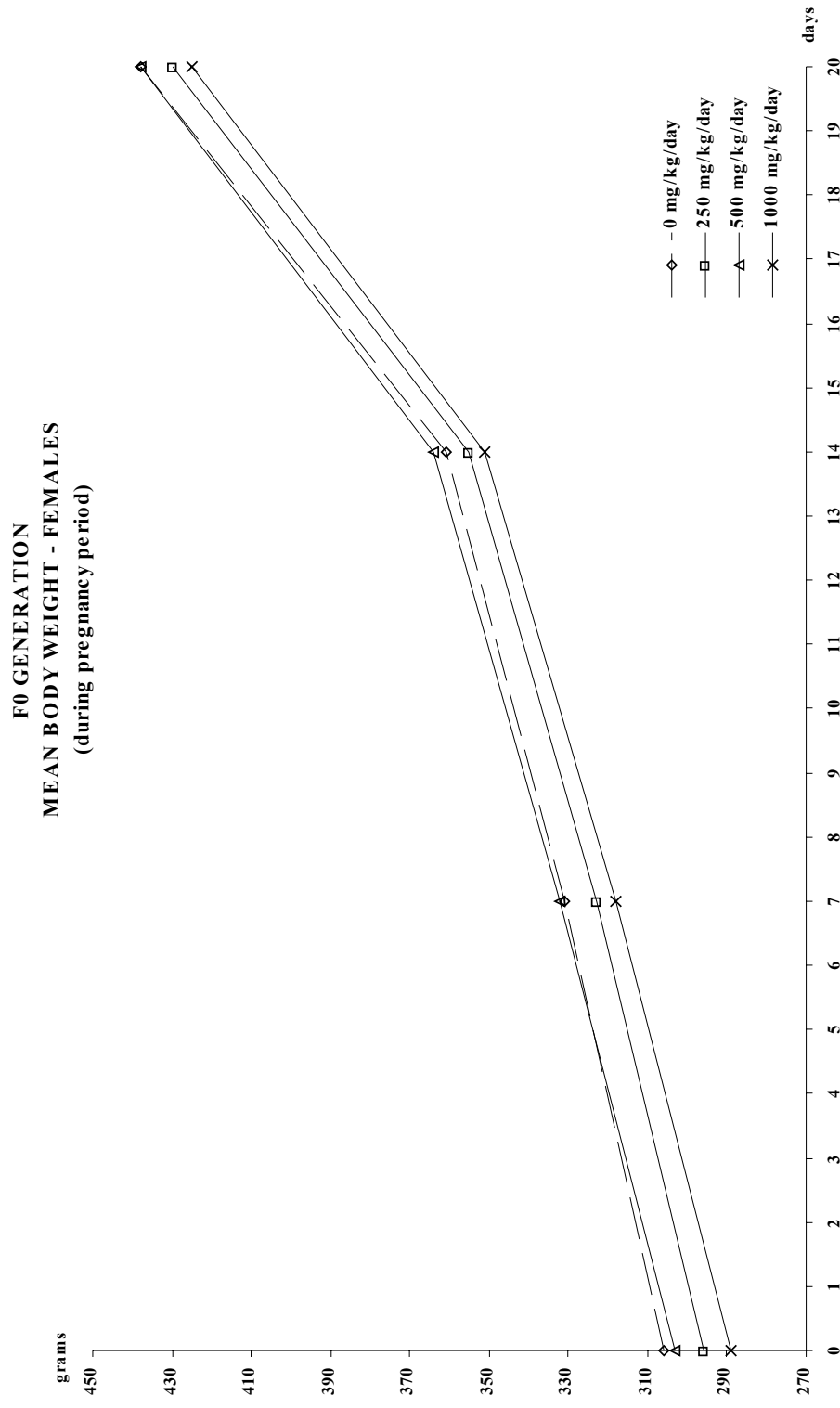


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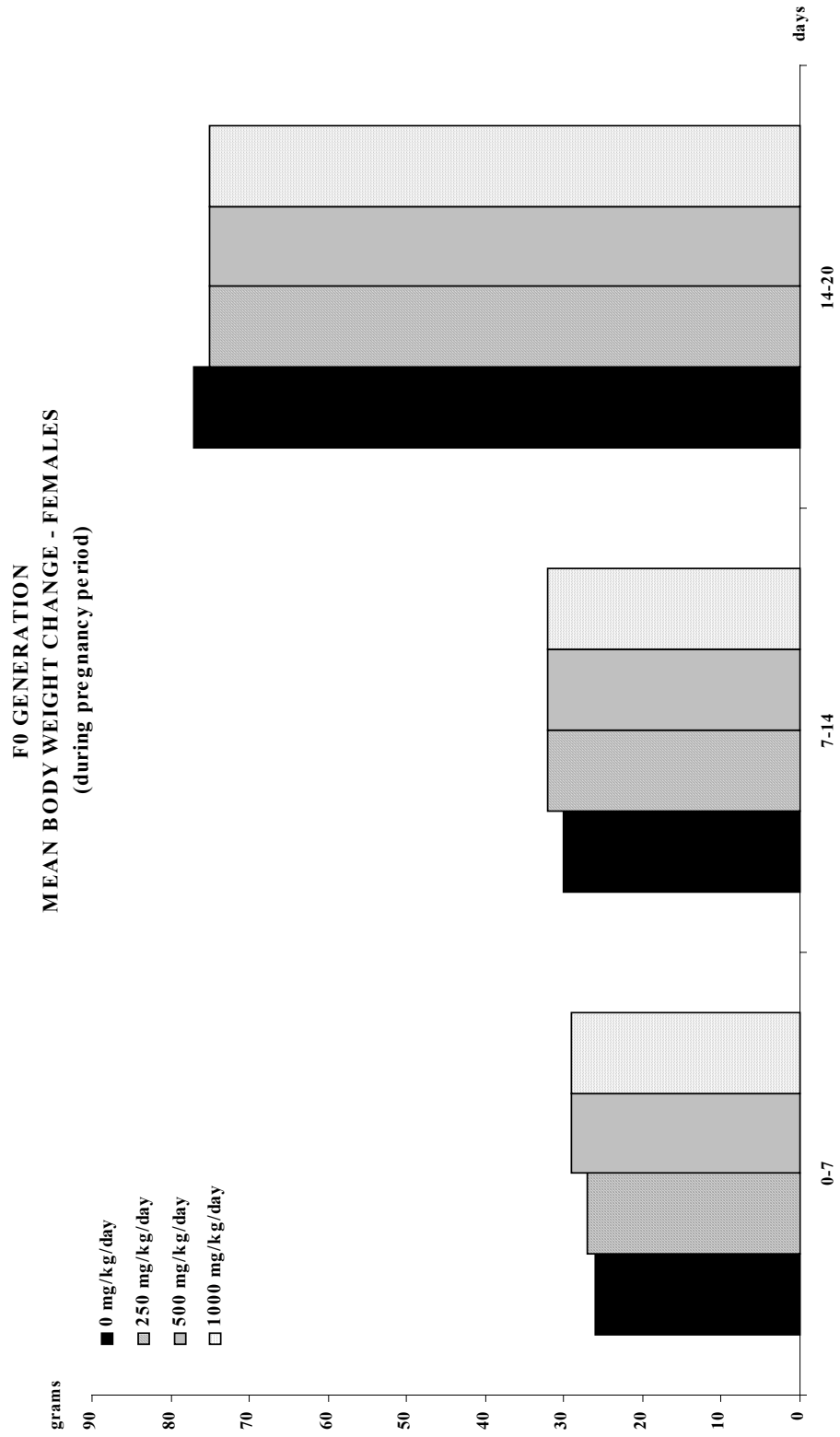


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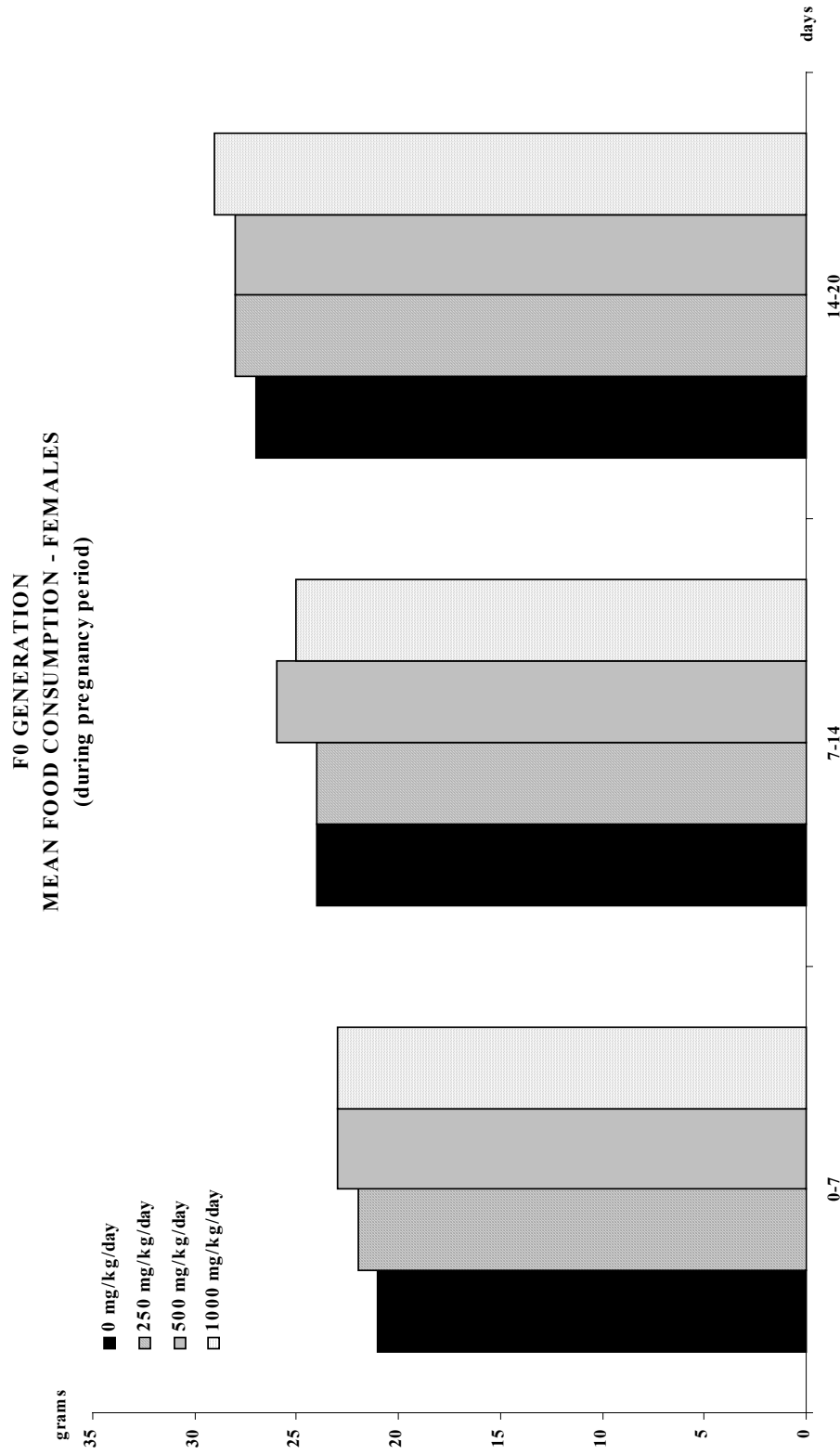


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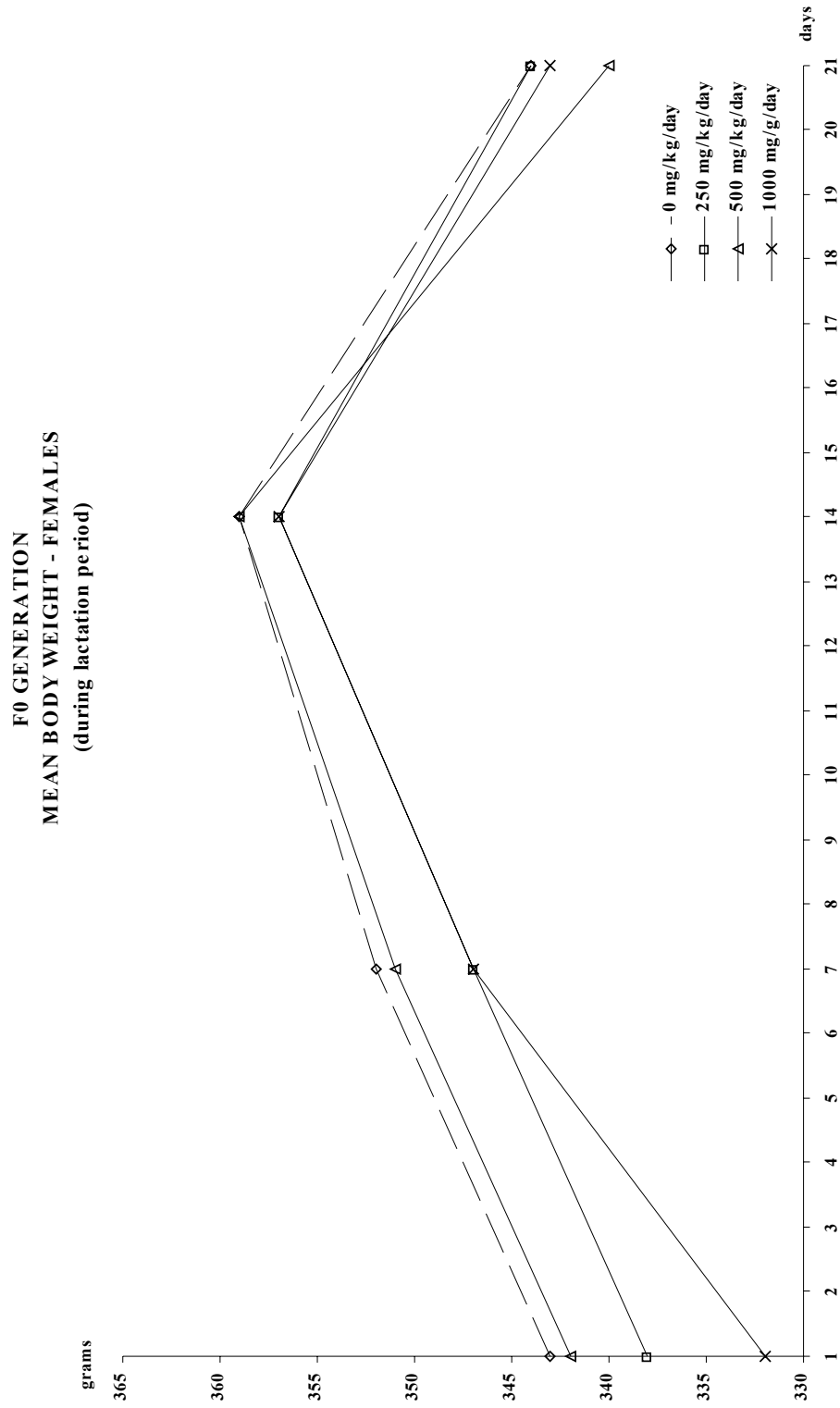


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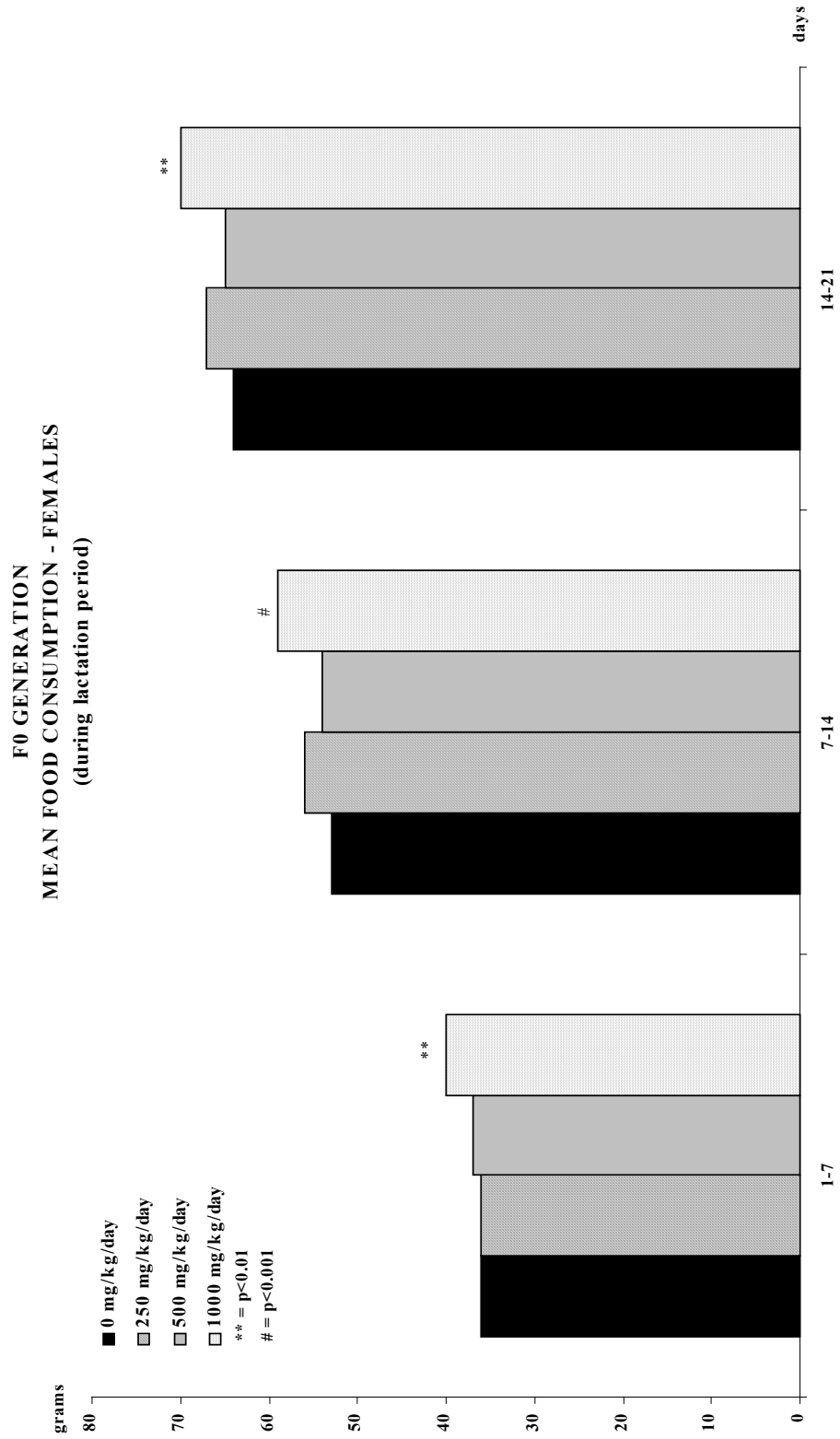


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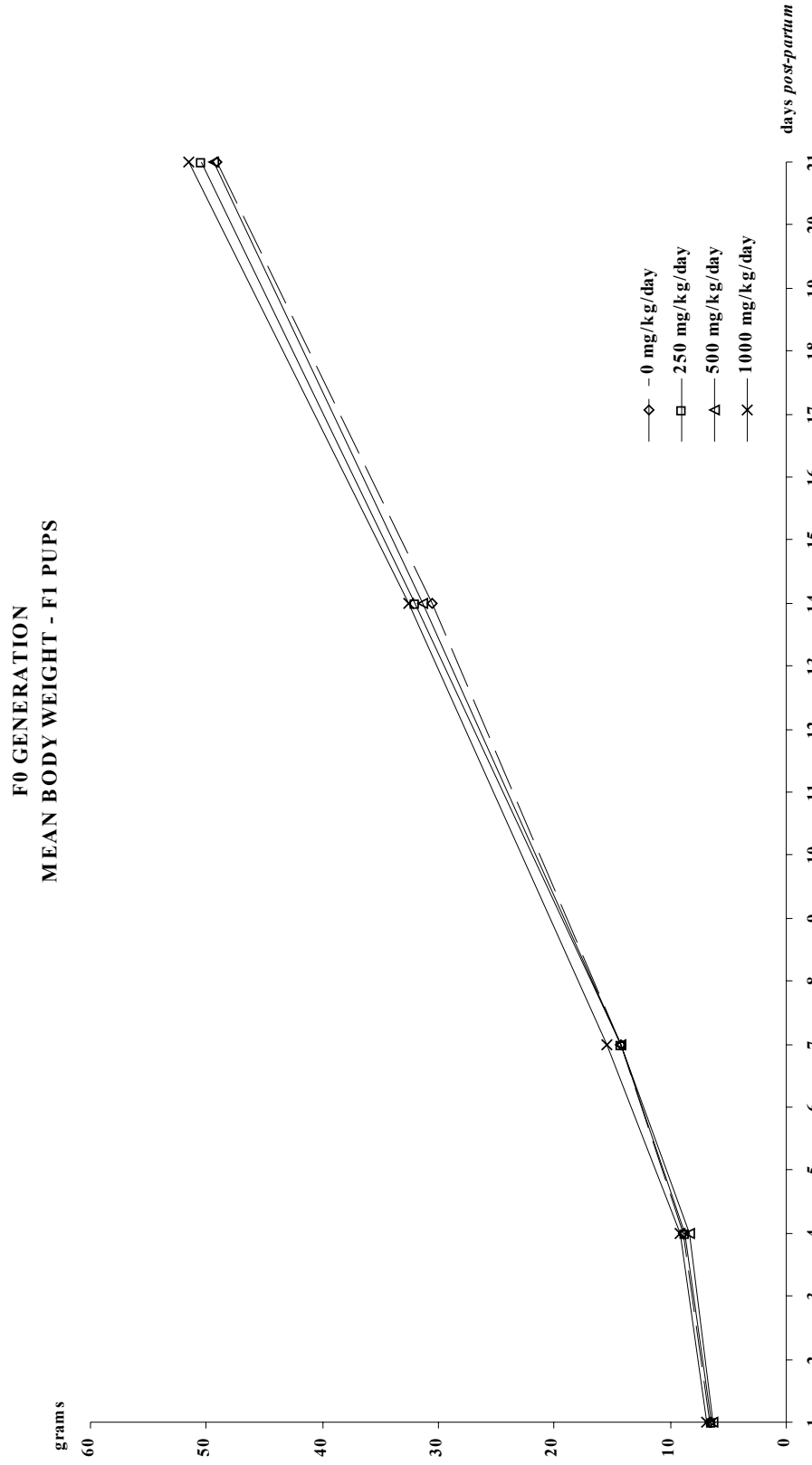


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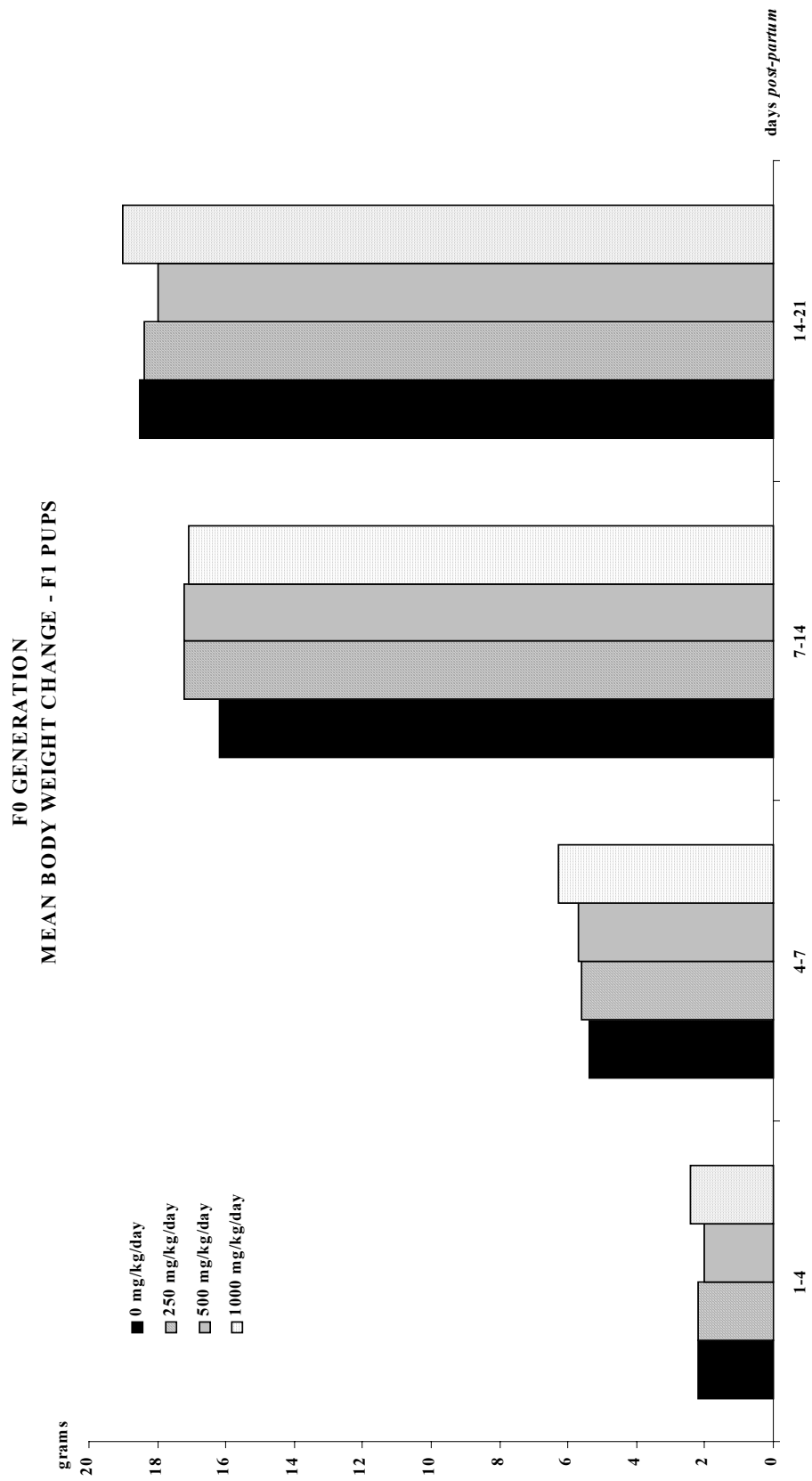


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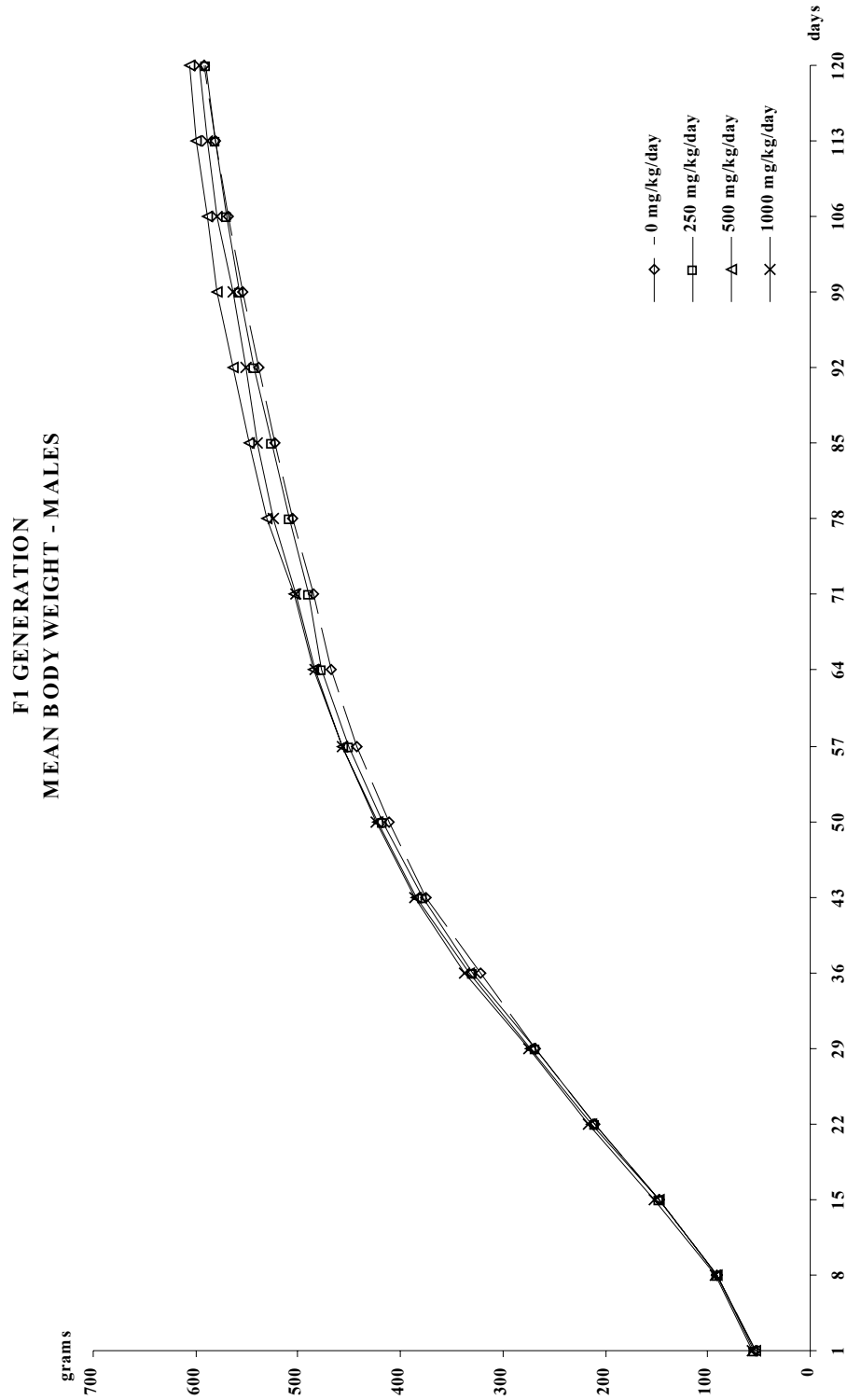


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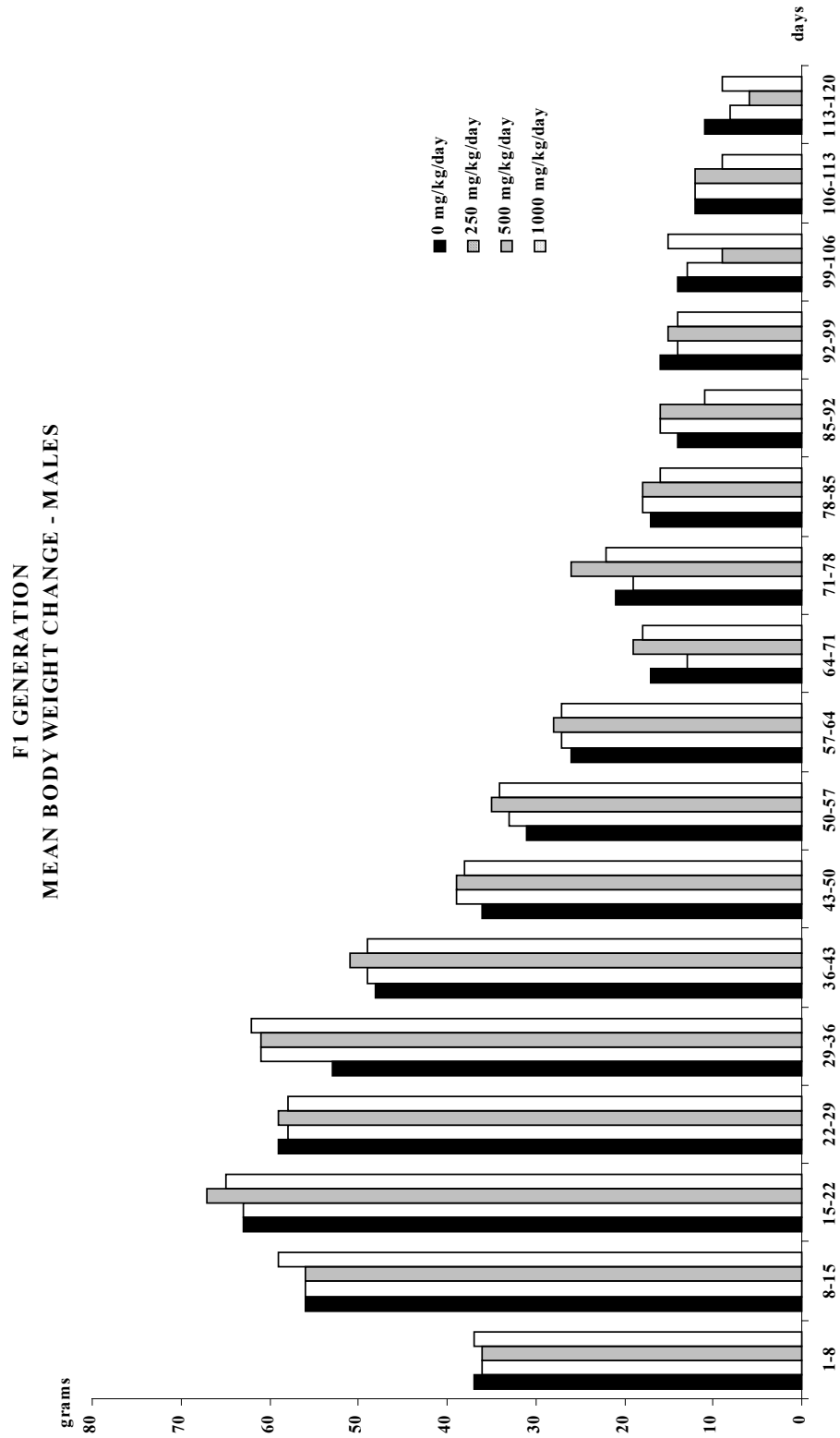


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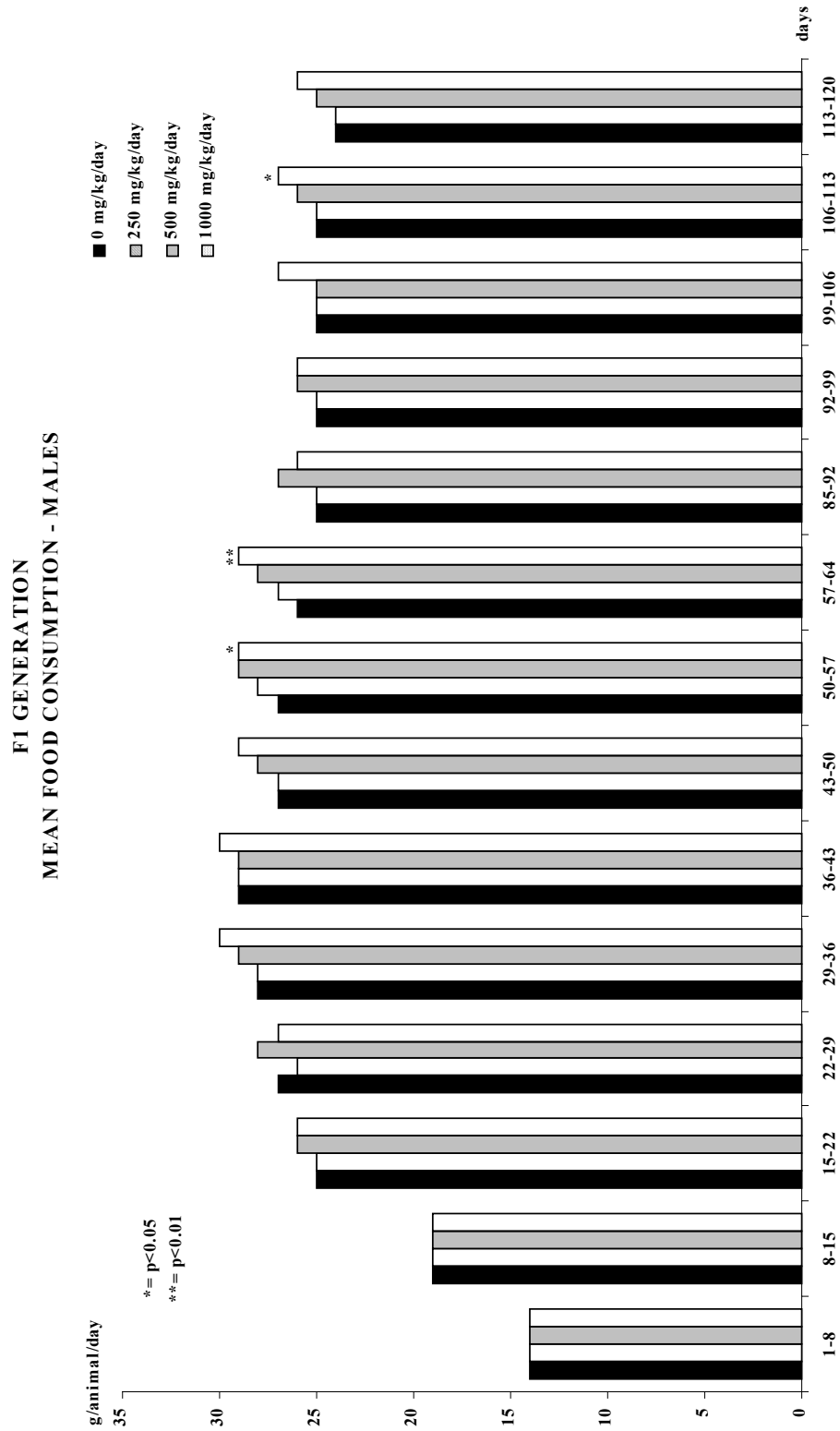


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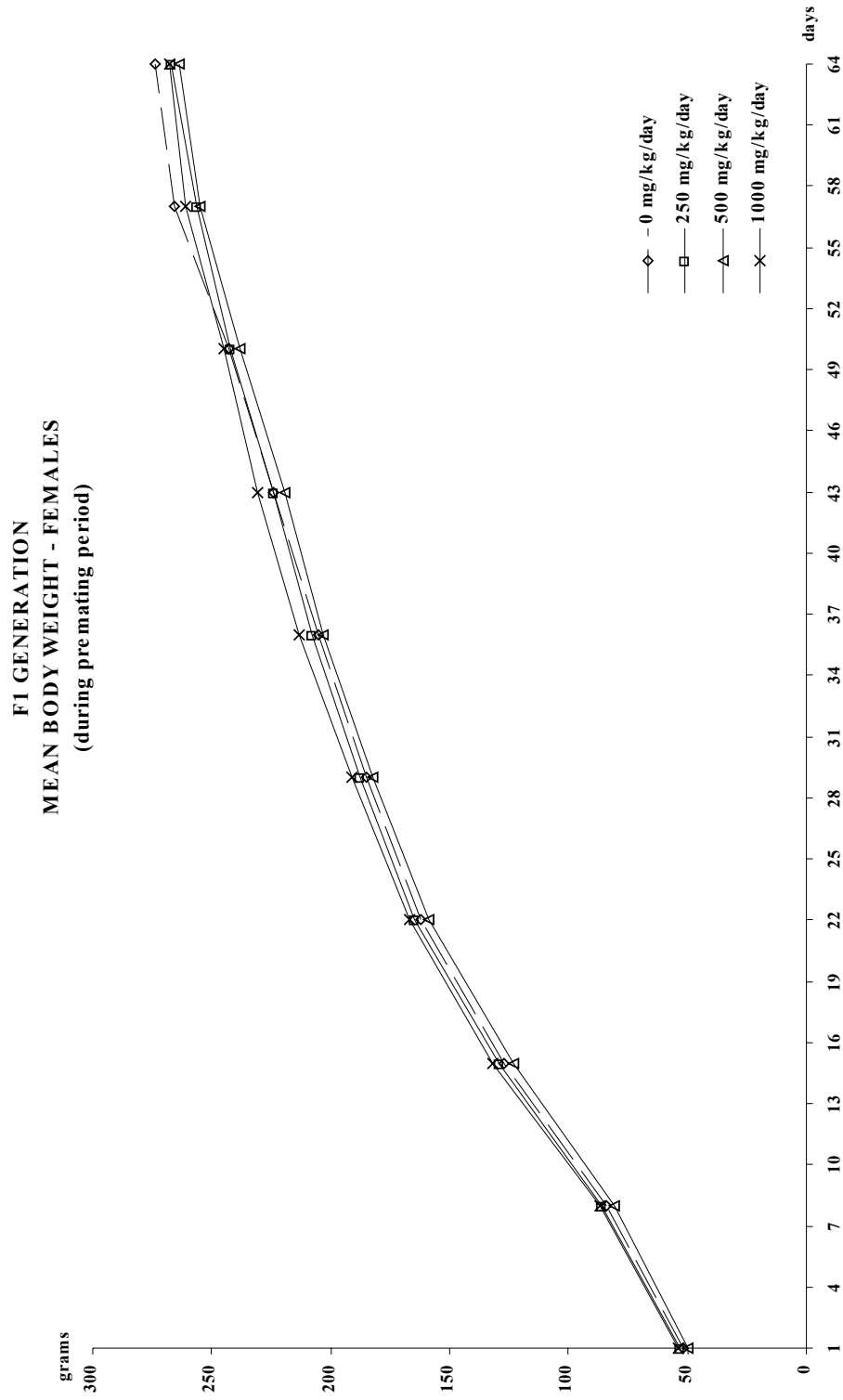


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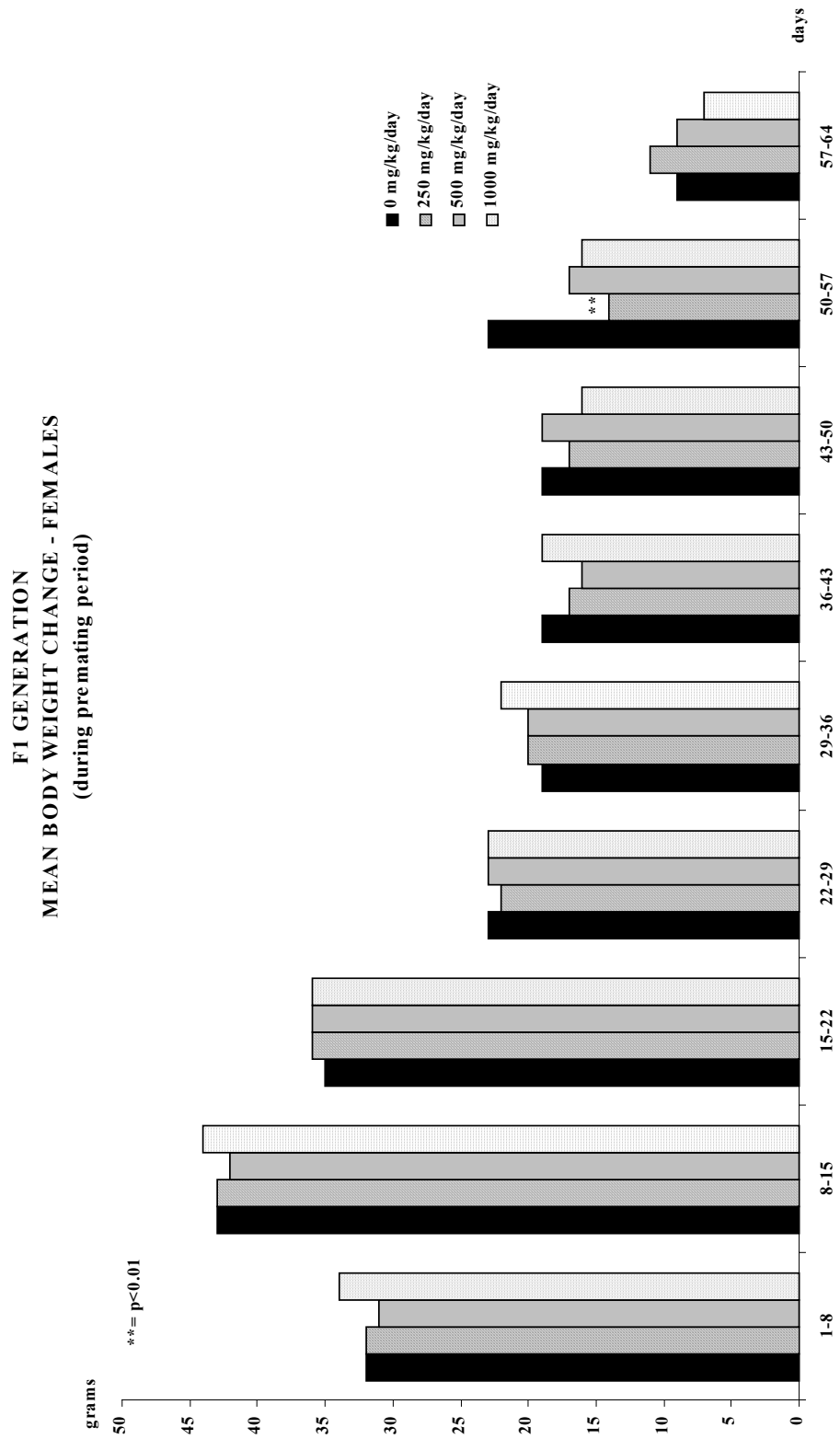


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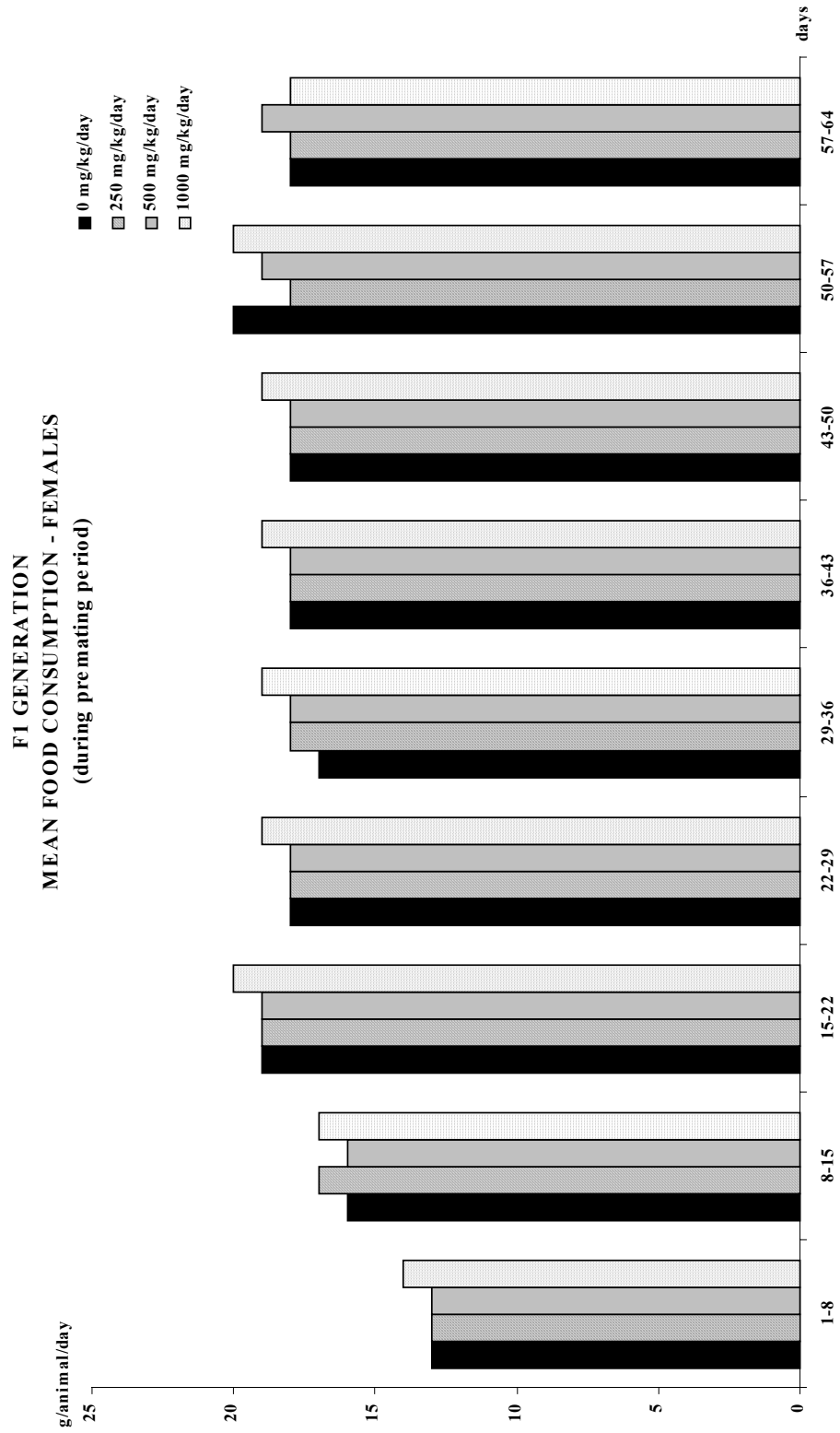


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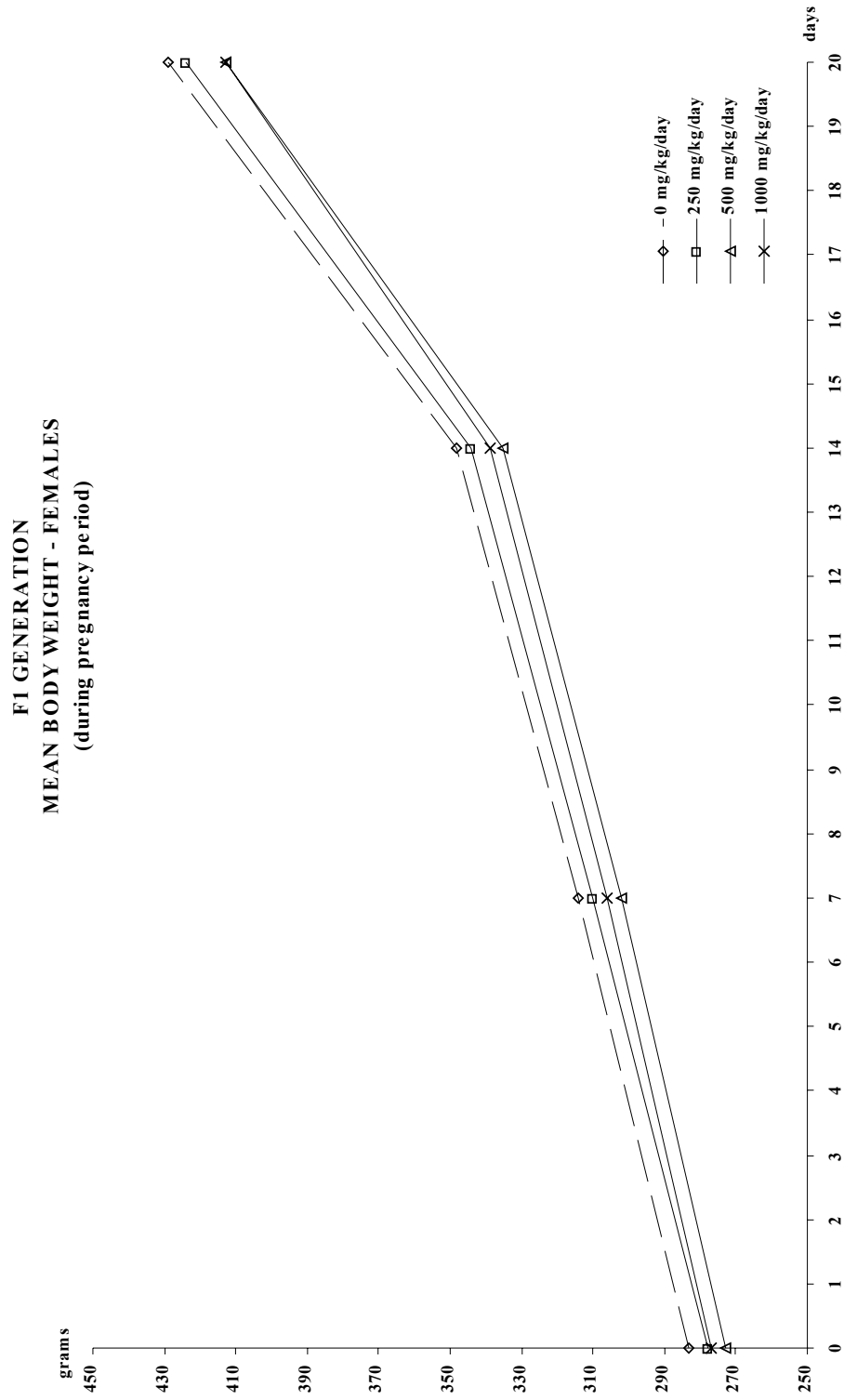


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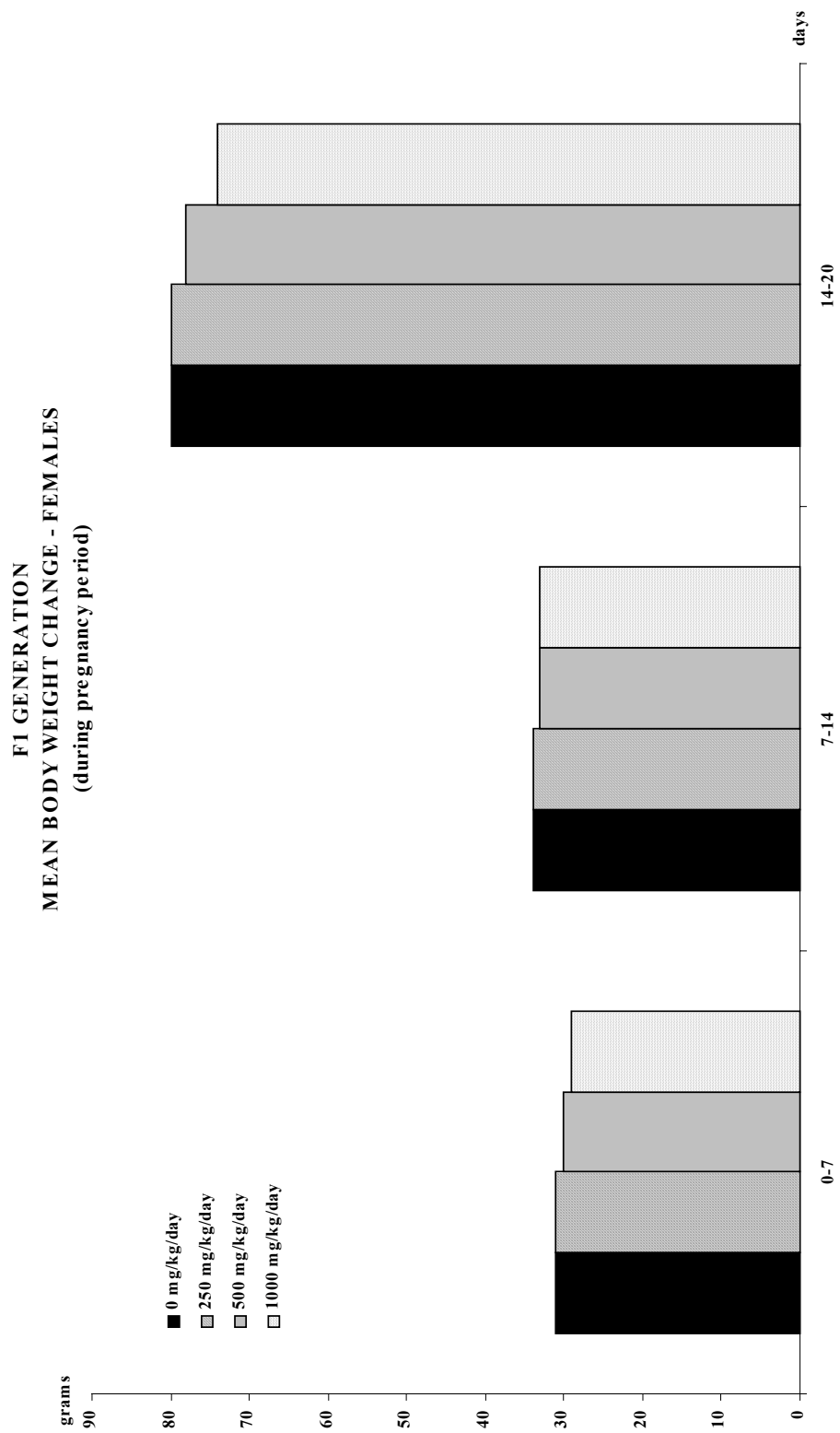


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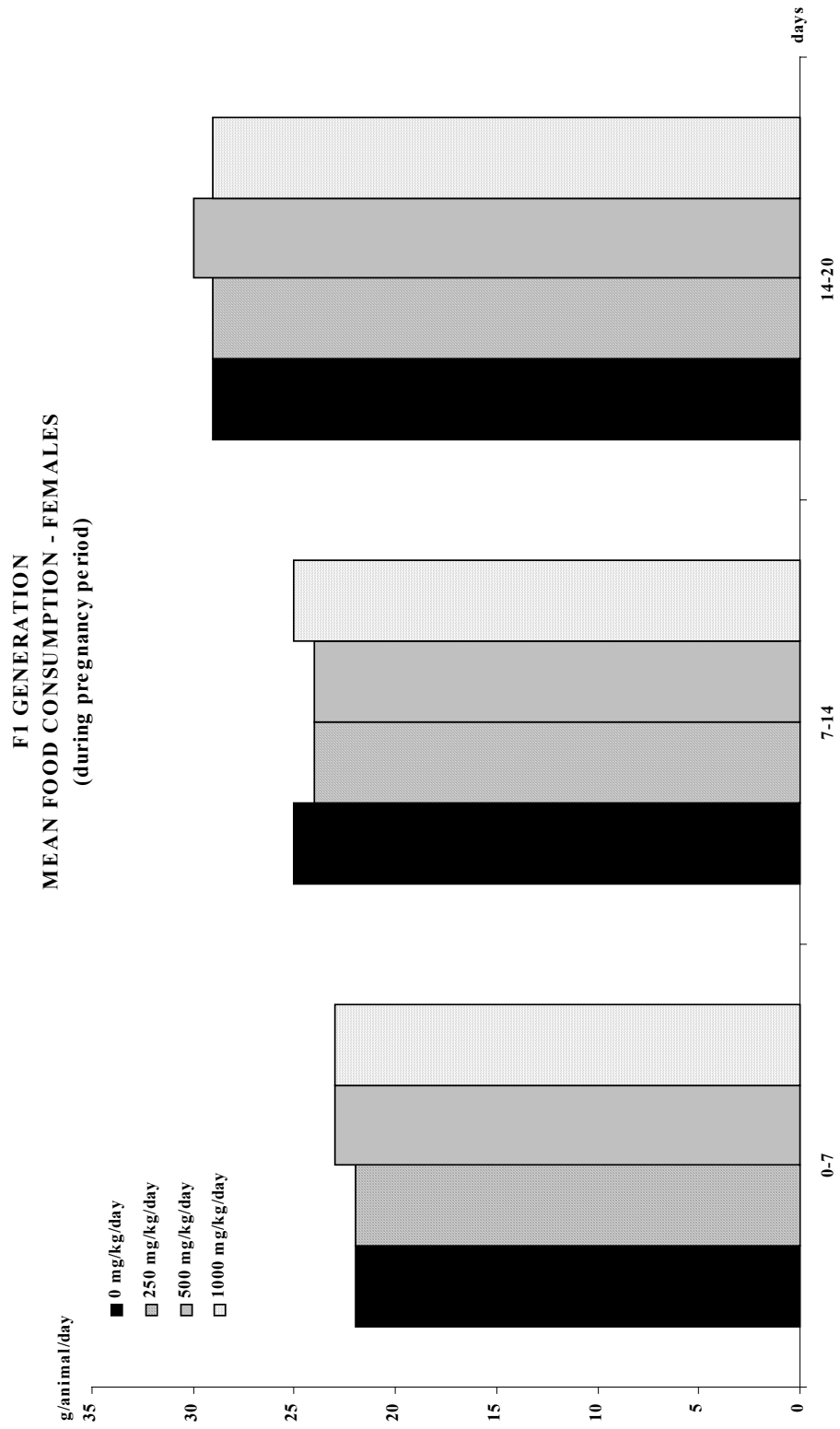


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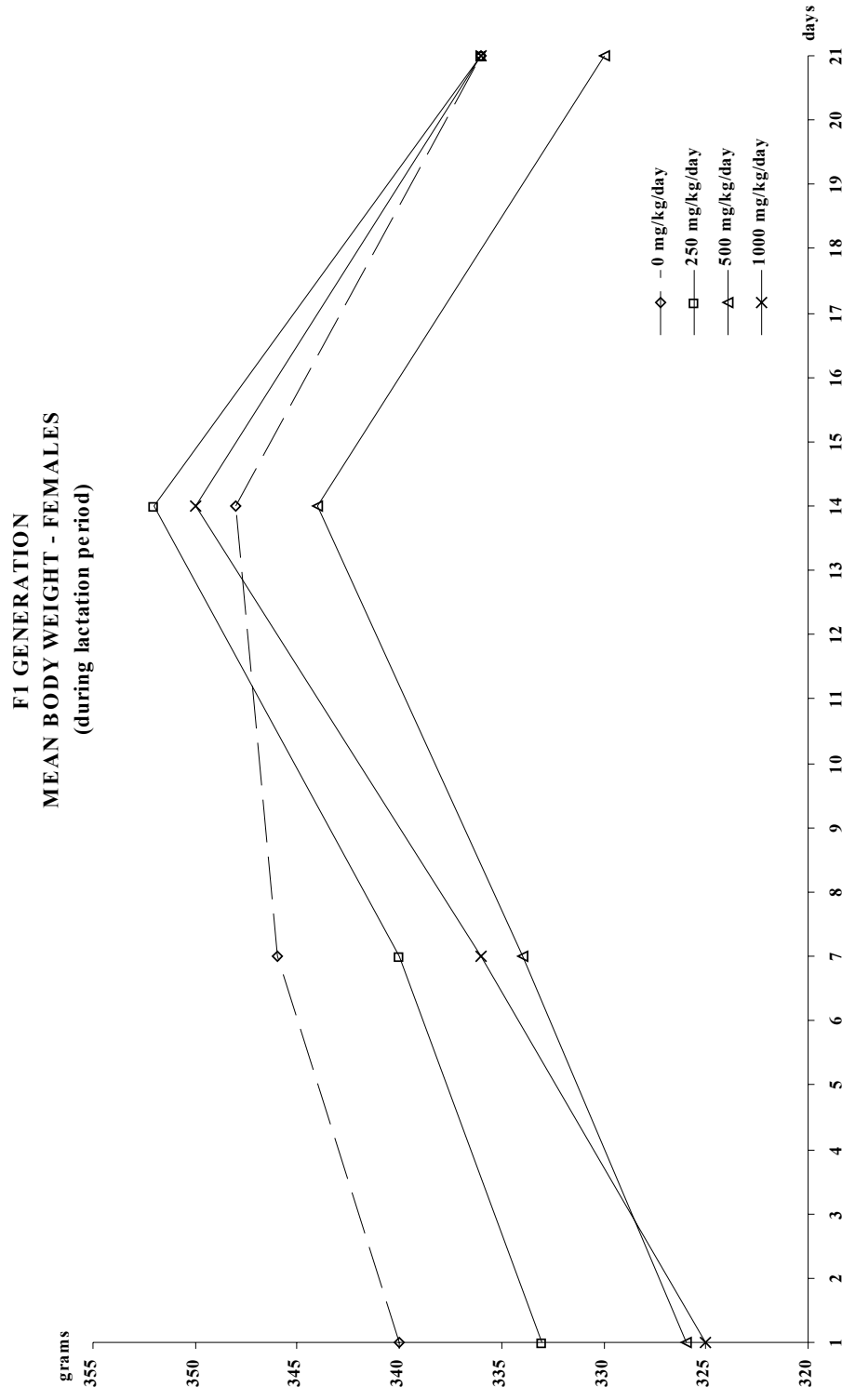


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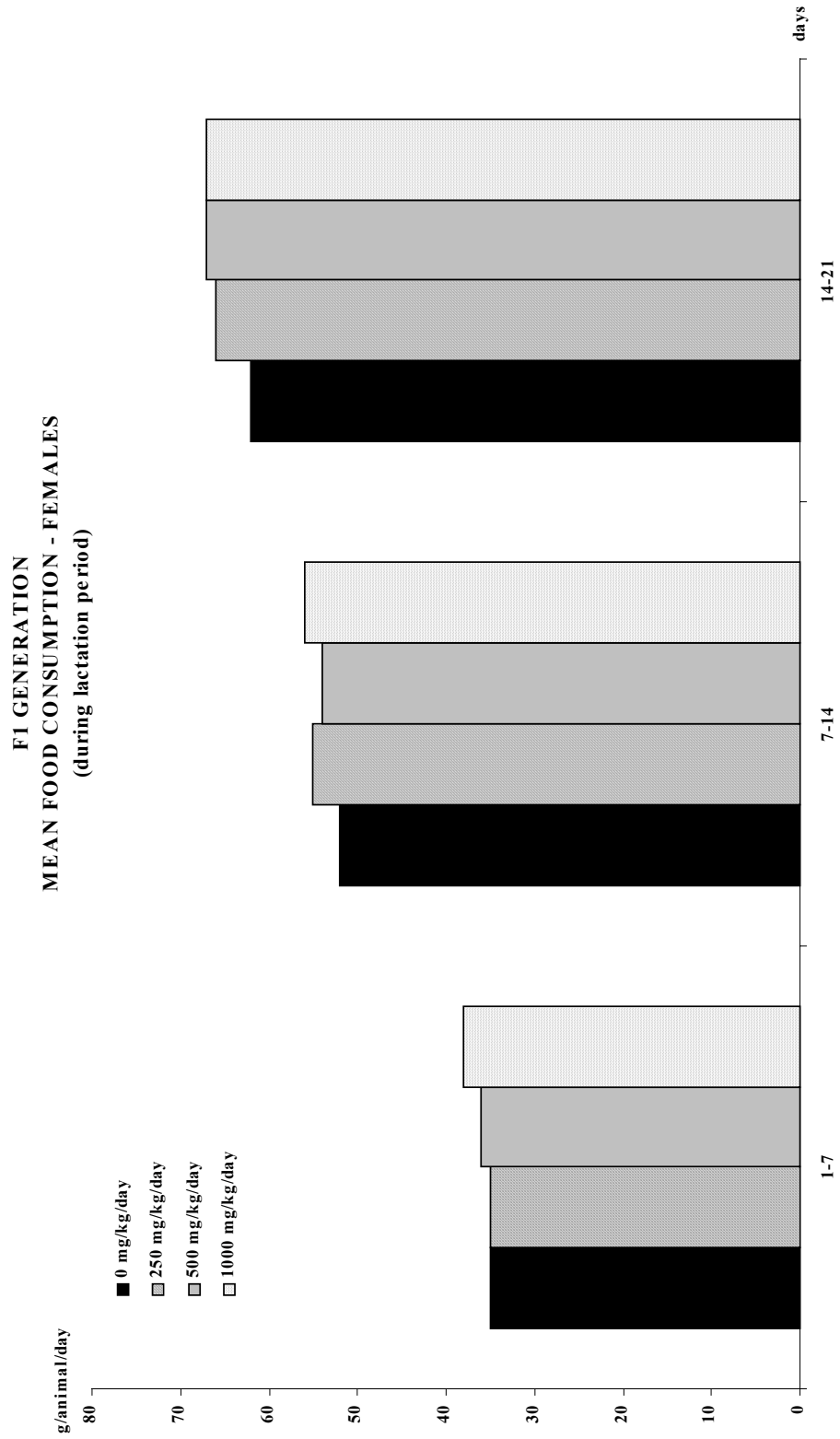


Figure 25

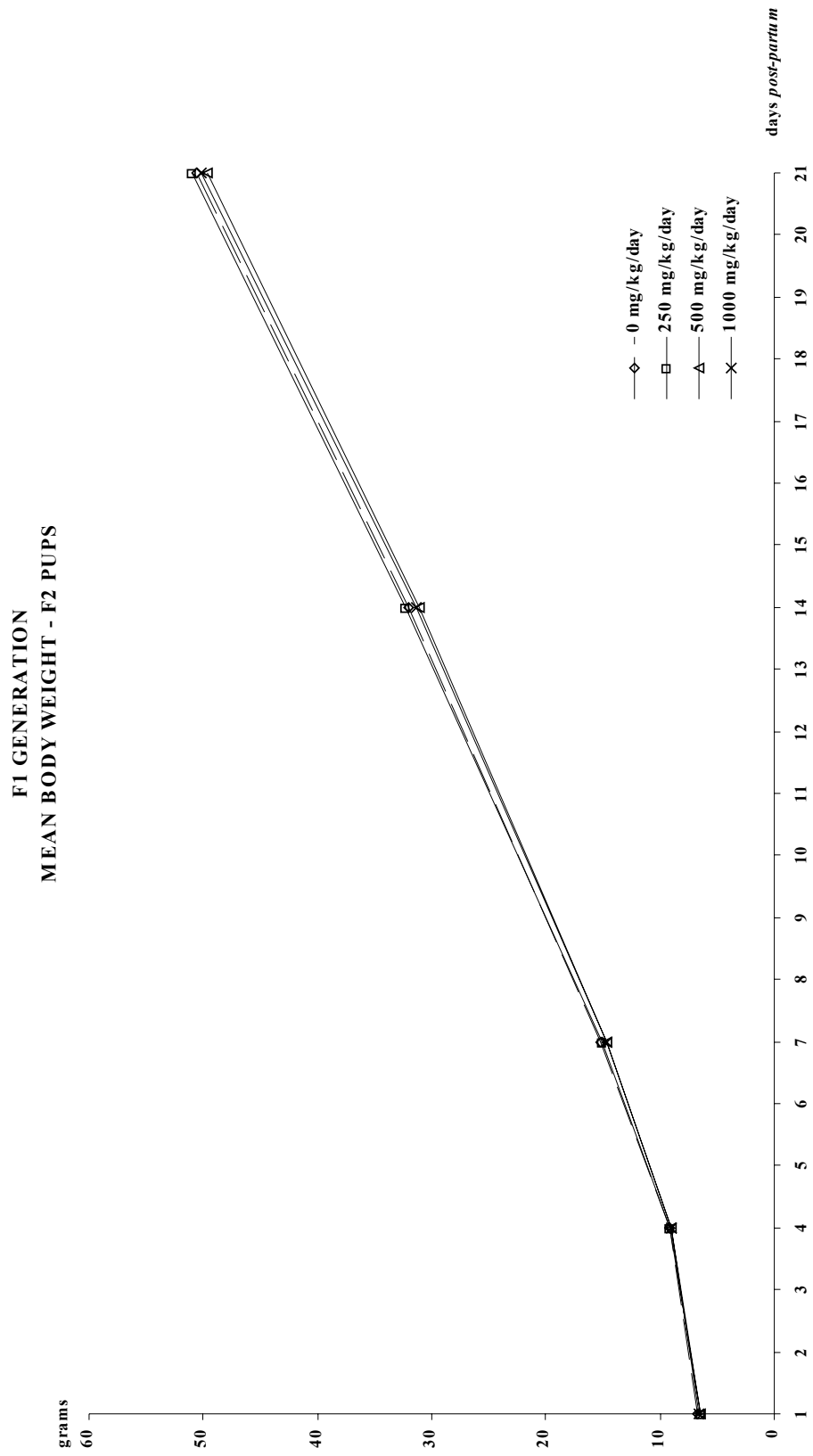


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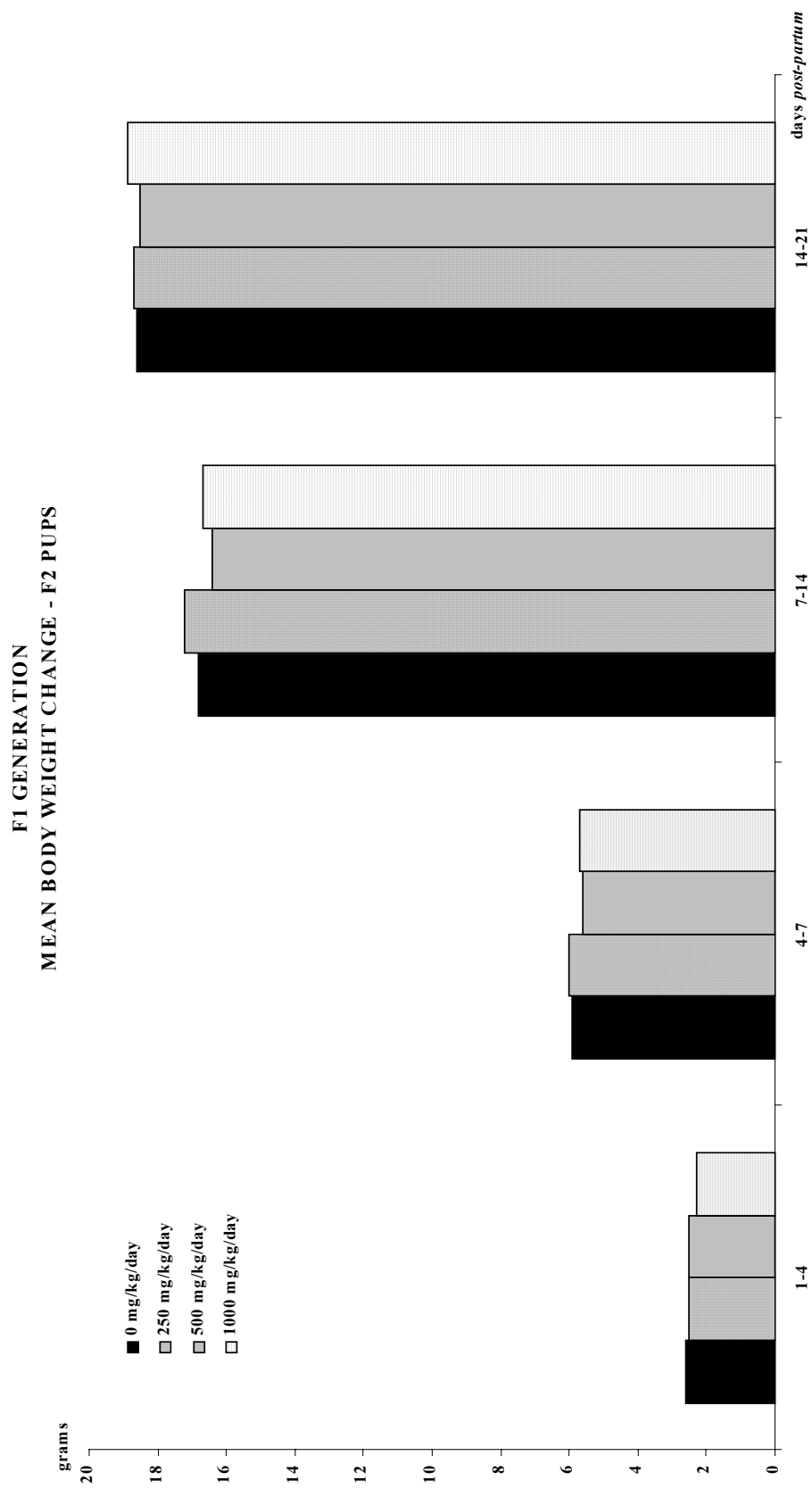


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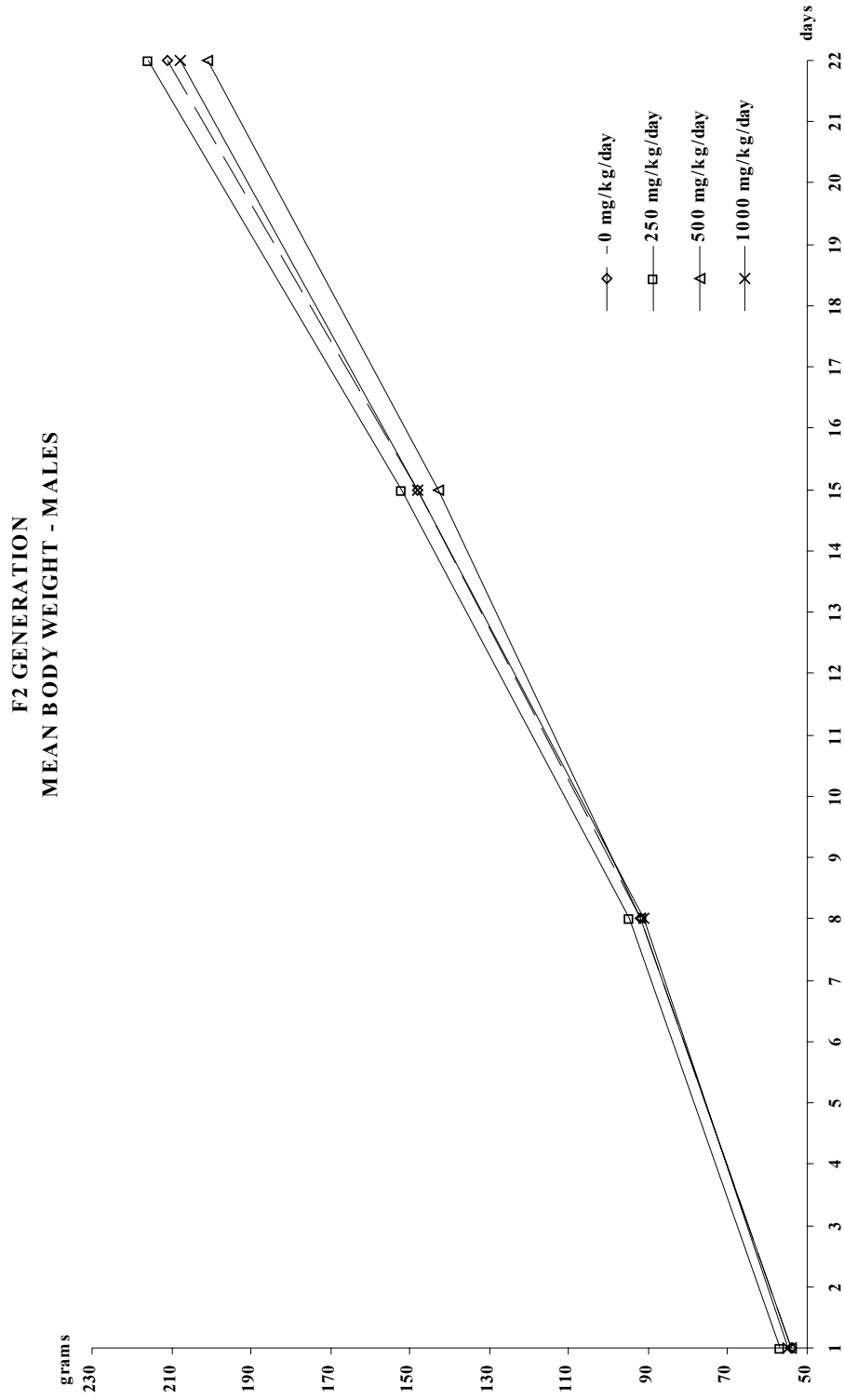


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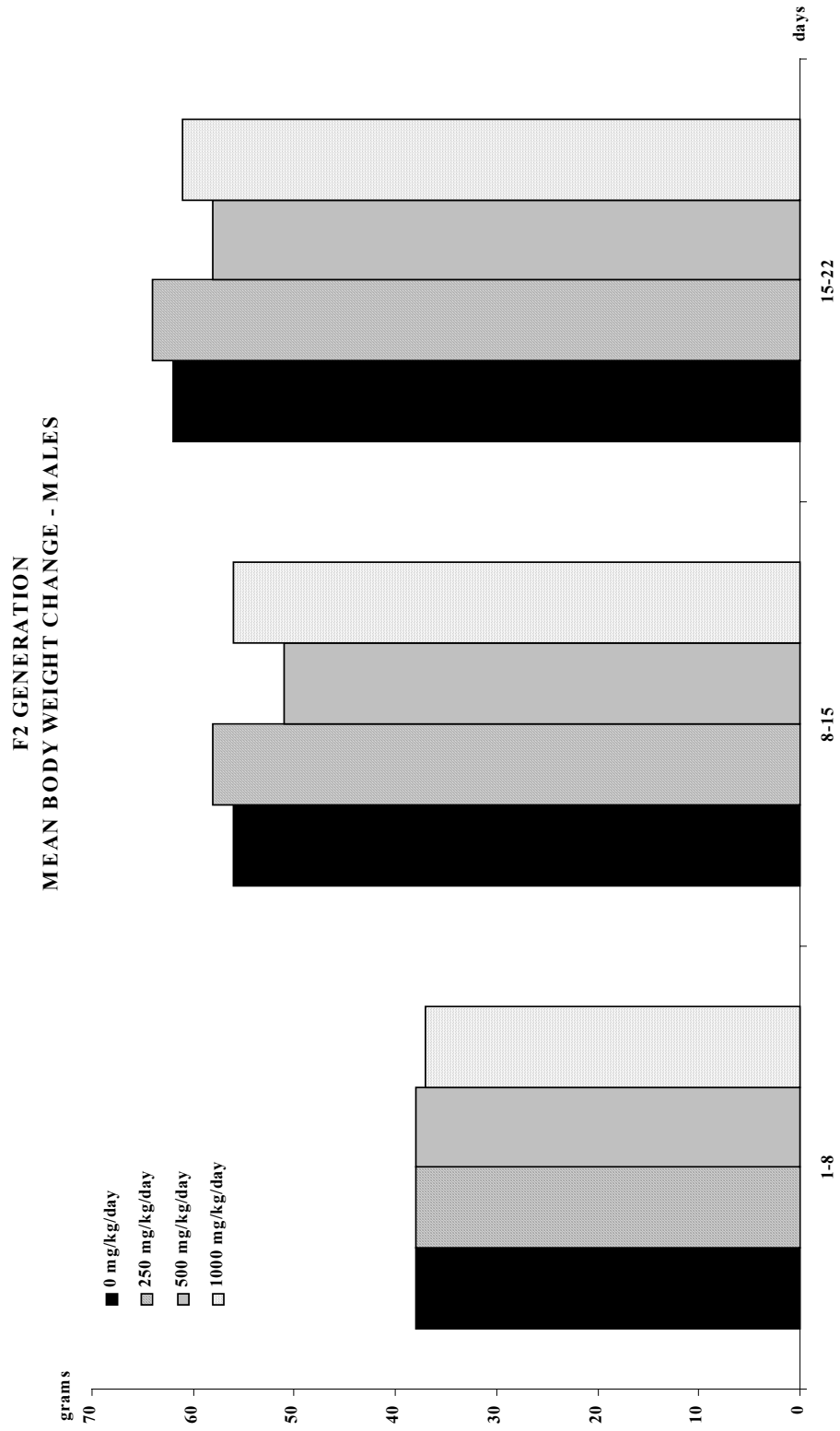


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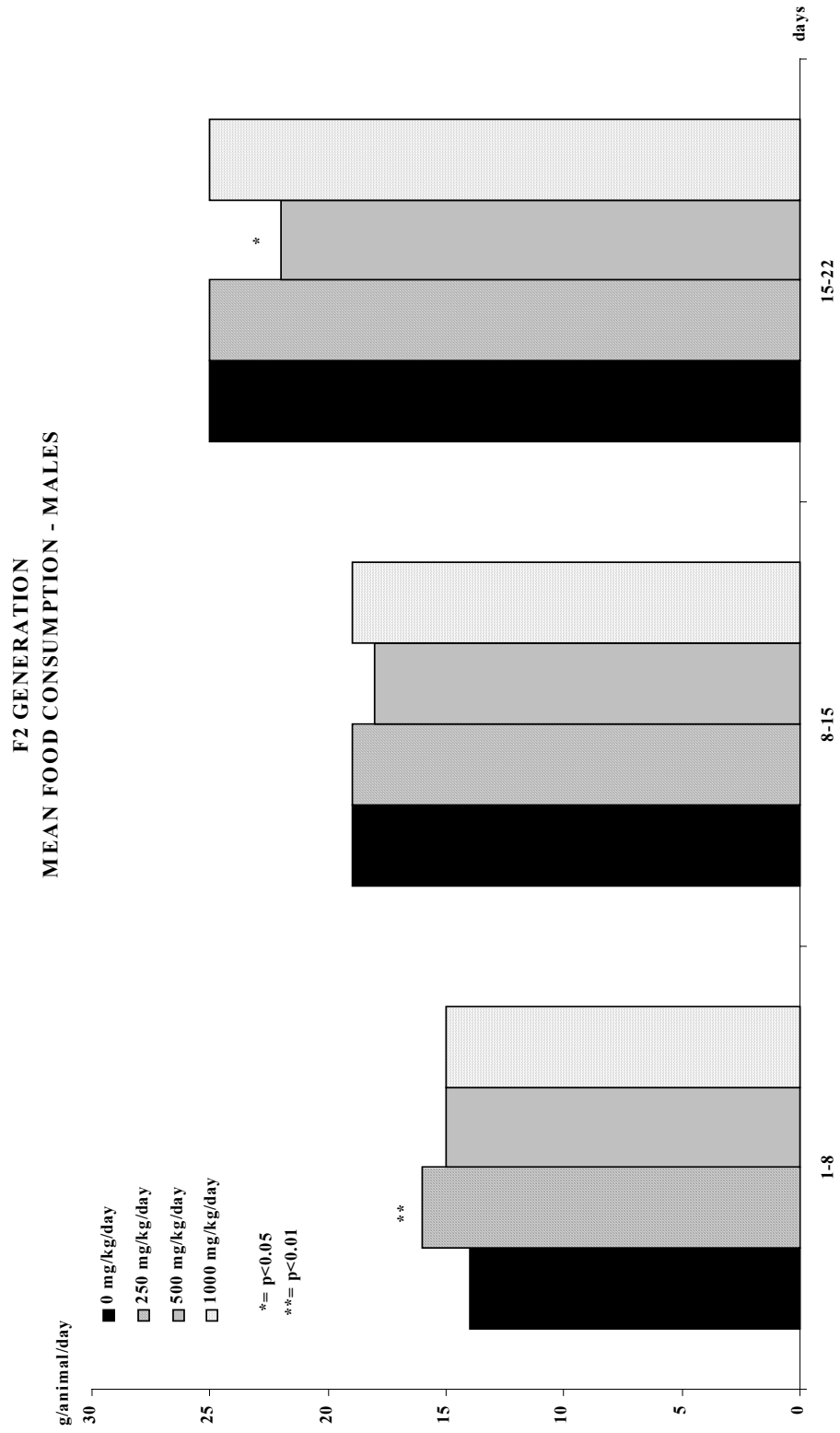


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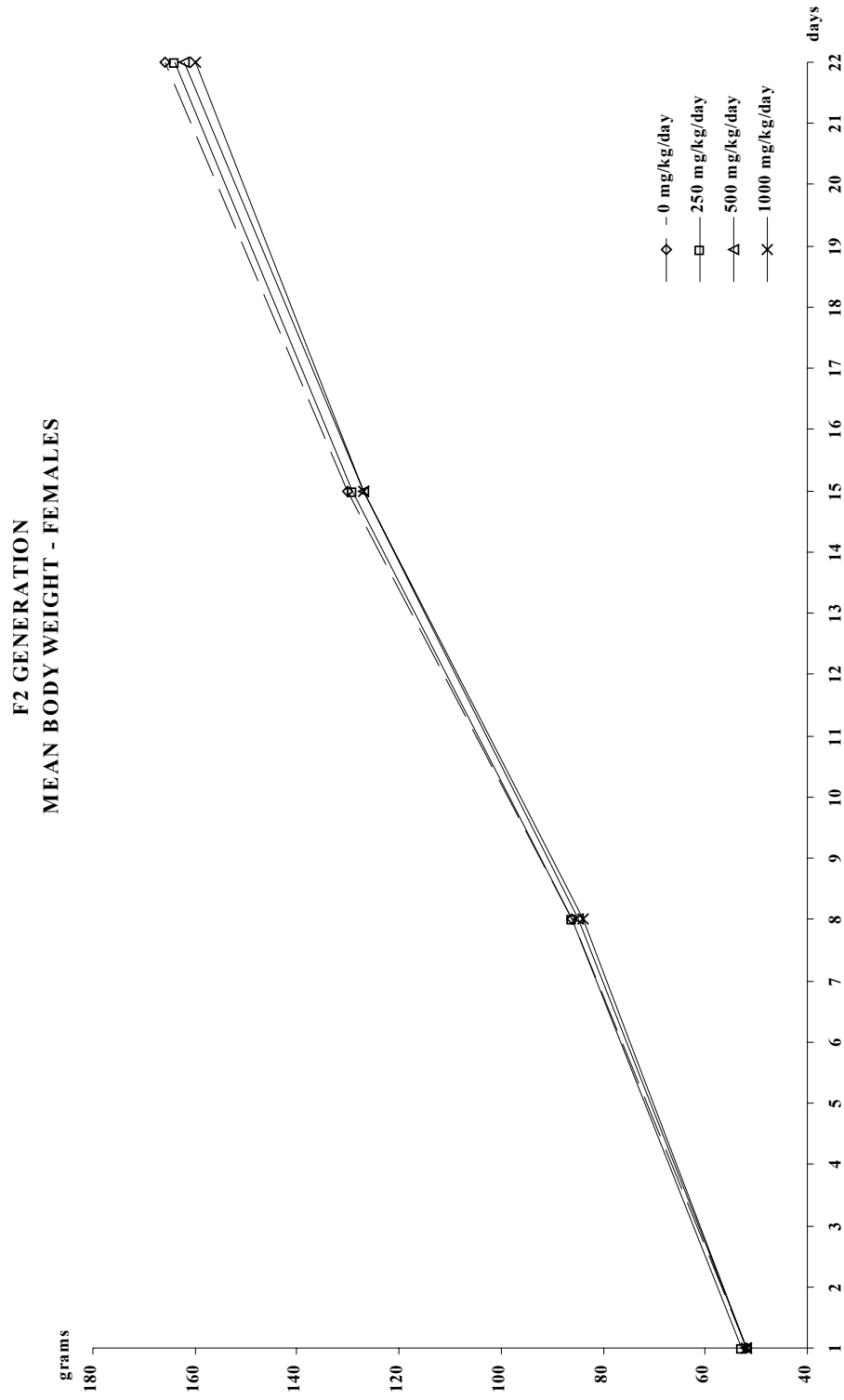


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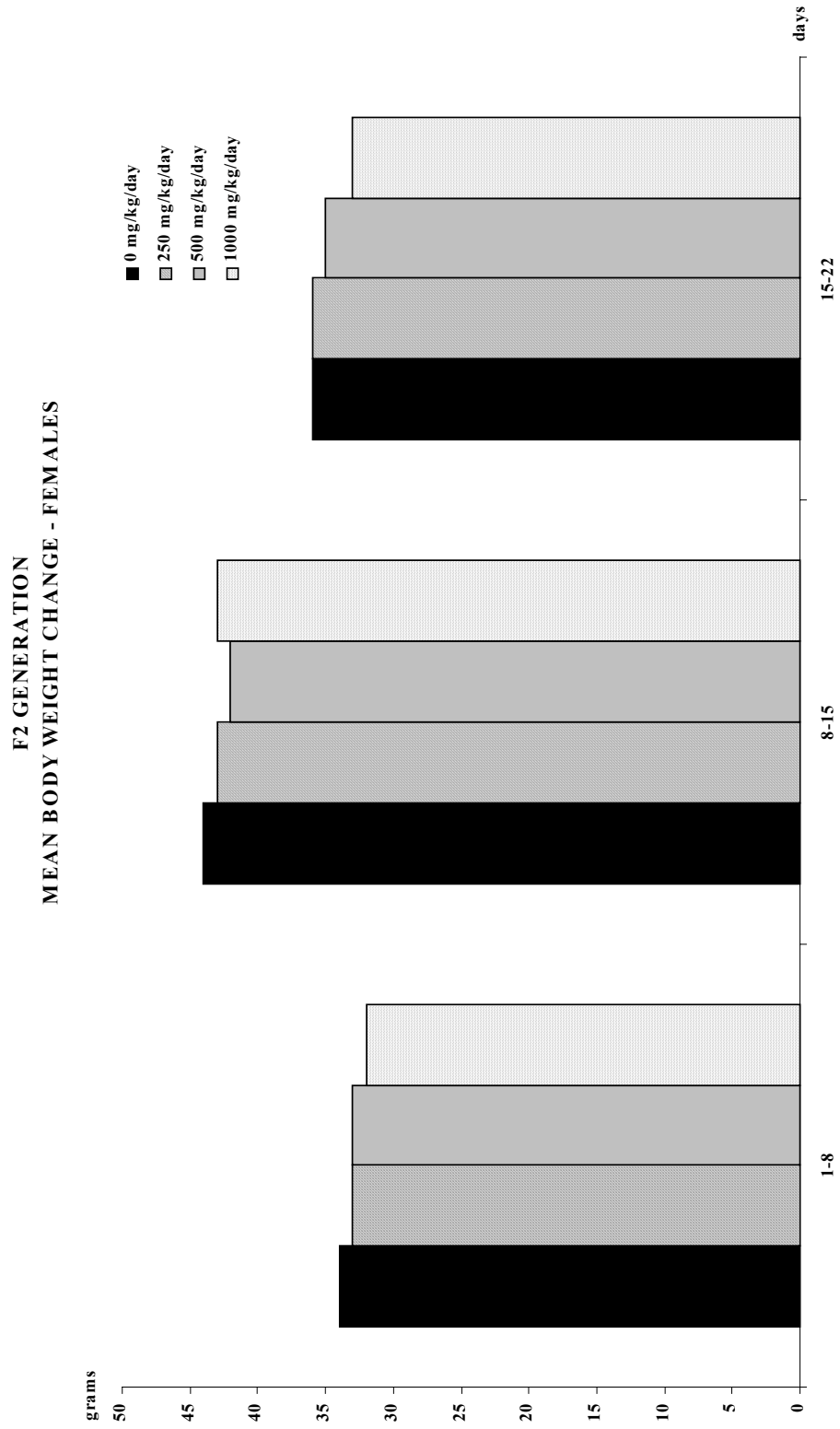


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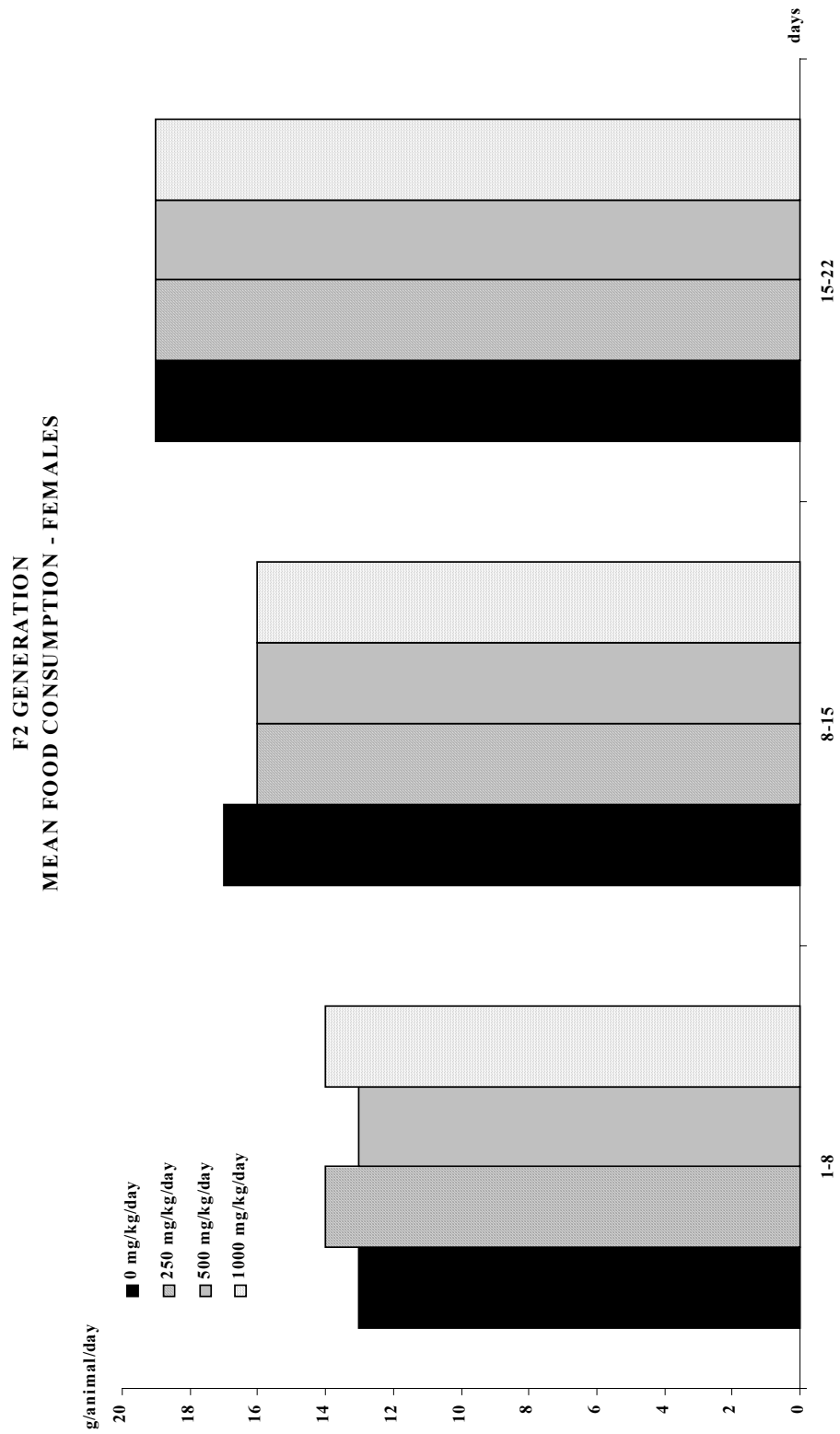


Table: 1

F0 GENERATION
CLINICAL SIGNS (Summary table/Males)

MALES				
Dose: (mg/kg/day)	0	250	500	1000
Mortality				
FINAL SACRIFICE	25	25	25	25
General aspect				
PILOERECTOR	0	0	1	0
Breathing				
LOUD BREATHING	0	0	1	0
Secretion/Excretion				
PITYALISM	0	0	0	2
CHROMODACRYORRHEA	1	0	0	0
SOILED UROGENITAL AREA	0	0	0	1
PITYALISM immediately post-dosing	2	7	19	23
PITYALISM 1 hour post-dosing	2	2	5	8
PITYALISM 4 hour post-dosing	0	0	0	1
REGURGITATION	1	0	0	1
Skin				
AREA OF HAIR LOSS ON HINDLIMB	1	1	0	0
AREA OF HAIR LOSS ON FORELIMB	5	2	1	0
AREA OF HAIR LOSS ON ABDOMEN	1	1	0	0
Miscellaneous				
ABNORMAL GROWTH OF TEETH (cut regulary)	0	0	1	0
Normal				
NO REMARKABLE OBSERVATIONS	18	16	5	2

Table: 2

F0 GENERATION

CLINICAL SIGNS (Summary table/Females/Premating period)

FEMALES

Dose: (mg/kg/day)	0	250	500	1000
Secretion/Excretion				
CHROMODACRYORRHEA	0	0	1	0
PIYALISM immediately post-dosing	2	6	3	13
Skin				
AREA OF HAIR LOSS ON HINDLIMB	0	0	0	1
AREA OF HAIR LOSS ON FORELIMB	0	0	6	3
AREA OF HAIR LOSS ON BACK	0	1	0	0
Normal				
NO REMARKABLE OBSERVATIONS	23	19	16	9

Table: 3

F0 GENERATION

CLINICAL SIGNS (Summary table/Females/Pregnancy period)

Dose: (mg/kg/day)	0	250	500	1000
Mortality				
FINAL SACRIFICE (no delivery)	2	4	3	0
Secretion/Excretion				
CHROMODACRYORRHEA	0	0	1	0
PTYALISM immediately post-dosing	2	7	11	19
REGURGITATION	1	1	0	0
Skin				
AREA OF HAIR LOSS ON HINDLIMB	1	0	0	1
AREA OF HAIR LOSS ON FORELIMB	1	0	9	4
AREA OF HAIR LOSS ON ABDOMEN	1	0	0	0
AREA OF HAIR LOSS ON BACK	0	1	0	1
CUTANEOUS LESION ON ABDOMEN	0	0	0	1
Miscellaneous				
MASS ON UPPER FORELIMB DORSAL	0	0	0	1
Normal				
NO REMARKABLE OBSERVATIONS	20	16	7	3

Table: 4

F0 GENERATION

CLINICAL SIGNS (Summary table/Females/Lactation period)

Dose: (mg/kg/day)	0	250	500	1000
Mortality				
DECISION OF SACRIFICE	0	1	3	0
FINAL SACRIFICE	23	20	19	25
Secretion/Excretion				
PITYALISM immediately post-dosing	0	1	2	11
Skin				
AREA OF HAIR LOSS ON HINDLIMB	0	0	0	1
AREA OF HAIR LOSS ON FORELIMB	1	0	7	4
AREA OF HAIR LOSS ON ABDOMEN	1	0	0	0
AREA OF HAIR LOSS ON BACK	0	1	0	1
Pregnancy condition				
BLOOD IN VAGINA	0	0	1	0
Miscellaneous				
MASS ON UPPER FORELIMB DORSAL	0	0	0	1
Normal				
NO REMARKABLE OBSERVATIONS	22	19	12	9

Table: 5

F0 GENERATION
BODY WEIGHTS (Mean values/Grams/Males)

MALES

		Dose: (mg/kg/day)	0	250	500	1000
Day	1	MEAN	203 d	202	205	202
		S.D.	9	7	8	10
		N	25	25	25	25
Day	8	MEAN	274 d	271	275	271
		S.D.	13	11	12	13
		N	25	25	25	25
Day	15	MEAN	326 d	324	330	327
		S.D.	19	16	15	19
		N	25	25	25	25
Day	22	MEAN	371 d	371	377	372
		S.D.	26	25	22	23
		N	25	25	25	25
Day	29	MEAN	402 d	400	407	402
		S.D.	30	22	25	28
		N	25	25	25	25
Day	36	MEAN	426 d	426	434	429
		S.D.	32	25	28	33
		N	25	25	25	25
Day	43	MEAN	450 d	448	461	453
		S.D.	36	28	31	37
		N	25	25	25	25
Day	50	MEAN	470 d	470	484	473
		S.D.	38	30	33	41
		N	25	25	25	25
Day	57	MEAN	487 d	487	500	488
		S.D.	41	31	33	42
		N	25	25	25	25
Day	64	MEAN	504 d	502	512	501
		S.D.	42	34	38	43
		N	25	25	25	25
Day	71	MEAN	521 d	519	529	517
		S.D.	44	33	40	45
		N	25	25	25	25

Statistical key: d=ANOVA + Dunnett-test

Table: 5 (continued)

F0 GENERATION
BODY WEIGHTS (Mean values/Grams/Males)

MALES

		Dose: (mg/kg/day)	0	250	500	1000
Day 78	MEAN		525 d	527	534	520
	S.D.		45	32	39	44
	N		25	25	25	25
Day 85	MEAN		541 d	543	548	532
	S.D.		45	34	43	43
	N		25	25	25	25
Day 92	MEAN		558 d	560	561	545
	S.D.		48	36	46	43
	N		25	25	25	25
Day 99	MEAN		572 d	571	570	558
	S.D.		51	35	50	43
	N		25	25	25	25
Day 106	MEAN		584 d	582	580	566
	S.D.		51	37	52	44
	N		25	25	25	25
Day 113	MEAN		599 d	599	590	577
	S.D.		54	39	55	43
	N		25	25	25	25
Day 120	MEAN		596 d	601	593	573
	S.D.		60	27	63	36
	N		15	15	15	15

Statistical key: d=ANOVA + Dunnett-test

Table: 6

F0 GENERATION
BODY WEIGHT CHANGE (Mean values/Grams/Males)

MALES

Dose: (mg/kg/day)		0	250	500	1000
Day 1 TO 8	MEAN	71 d	69	70	69
	S.D.	8	8	7	9
	N	25	25	25	25
	mean percent change	MEAN%	35.0	34.3	34.1	34.3
Day 8 TO 15	MEAN	52 d	53	55	55
	S.D.	11	10	8	9
	N	25	25	25	25
	mean percent change	MEAN%	19.1	19.7	19.9	20.4
Day 15 TO 22	MEAN	45 d	47	48	45
	S.D.	11	15	9	8
	N	25	25	25	25
	mean percent change	MEAN%	13.8	14.4	14.4	13.8
Day 22 TO 29	MEAN	31 d	29	30	31
	S.D.	7	17	6	8
	N	25	25	25	25
	mean percent change	MEAN%	8.3	8.0	8.0	8.2
Day 29 TO 36	MEAN	24 d	27	26	26
	S.D.	6	7	5	8
	N	25	25	25	25
	mean percent change	MEAN%	6.0	6.6	6.4	6.5
Day 36 TO 43	MEAN	24 d	22	27	24
	S.D.	8	12	5	7
	N	25	25	25	25
	mean percent change	MEAN%	5.6	5.1	6.2	5.5
Day 43 TO 50	MEAN	20 d	22	24	21
	S.D.	7	6	7	8
	N	25	25	25	25
	mean percent change	MEAN%	4.3	4.8	5.1	4.6
Day 50 TO 57	MEAN	17 d	17	16	14
	S.D.	6	5	6	6
	N	25	25	25	25
	mean percent change	MEAN%	3.7	3.6	3.4	3.0
Day 57 TO 64	MEAN	17 d	16	12*	14
	S.D.	6	5	11	6
	N	25	25	25	25
	mean percent change	MEAN%	3.6	3.2	2.3	2.8

Statistical key: d=ANOVA + Dunnett-test * = p<0.05

Table: 6 (continued)

F0 GENERATION
BODY WEIGHT CHANGE (Mean values/Grams/Males)

MALES

Dose: (mg/kg/day)		0	250	500	1000
Day 64 TO 71	MEAN	16 d	16	17	16
	S.D.	6	7	4	7
	N	25	25	25	25
mean percent change	MEAN%	3.2	3.3	3.3	3.1
Day 71 TO 78	MEAN	4 d	8	4	3
	S.D.	6	5	7	10
	N	25	25	25	25
mean percent change	MEAN%	0.8	1.6	0.9	0.5
Day 78 TO 85	MEAN	16 d	16	15	12
	S.D.	5	6	8	6
	N	25	25	25	25
mean percent change	MEAN%	3.0	3.0	2.7	2.4
Day 85 TO 92	MEAN	17 d	17	13*	13*
	S.D.	5	4	6	5
	N	25	25	25	25
mean percent change	MEAN%	3.1	3.2	2.4	2.5
Day 92 TO 99	MEAN	15 d	11	9*	13
	S.D.	7	8	9	3
	N	25	25	25	25
mean percent change	MEAN%	2.6	1.9	1.6	2.4
Day 99 TO 106	MEAN	12 d	11	10	8
	S.D.	4	5	8	3
	N	25	25	25	25
mean percent change	MEAN%	2.1	1.9	1.7	1.5
Day 106 TO 113	MEAN	15 d	17	9**	10*
	S.D.	5	6	7	4
	N	25	25	25	25
mean percent change	MEAN%	2.5	2.9	1.6	1.8
Day 85 TO 113	MEAN	58 d	56	41#	45**
	S.D.	15	9	19	5
	N	25	25	25	25
mean percent change	MEAN%	10.7	10.3	7.4	8.5
Day 1 TO 71	MEAN	318 d	317	324	315
	S.D.	42	33	37	39
	N	25	25	25	25
mean percent change	MEAN%	156.8	157.6	157.9	155.8

Statistical key: d=ANOVA + Dunnett-test * = p<0.05 ** = p<0.01 # = p<0.001

Table: 6 (continued)

F0 GENERATION

BODY WEIGHT CHANGE (Mean values/Grams/Males)

MALES

Dose: (mg/kg/day)		0	250	500	1000	
Day	1 TO 113	MEAN	396 d	397	385	375
		S.D.	52	38	52	38
		N	25	25	25	25
mean percent change	MEAN%	195.4	197.2	187.3	185.5	

Statistical key: d=ANOVA + Dunnett-test

Table: 7

F0 GENERATION
BODY WEIGHTS (Mean values/Grams/Females/Premating period)

FEMALES

		Dose: (mg/kg/day)	0	250	500	1000
Day 1	MEAN		160 d	156	157	156
	S.D.		13	9	9	9
	N		25	25	25	25
Day 8	MEAN		189 d	186	188	189
	S.D.		15	13	11	14
	N		25	25	25	25
Day 15	MEAN		204 d	205	209	207
	S.D.		17	15	14	17
	N		25	25	25	25
Day 22	MEAN		224 d	224	227	226
	S.D.		17	18	18	19
	N		25	25	25	25
Day 29	MEAN		238 d	237	242	242
	S.D.		20	19	20	21
	N		25	25	25	25
Day 36	MEAN		253 d	248	254	252
	S.D.		21	21	20	23
	N		25	25	25	25
Day 43	MEAN		261 d	261	268	265
	S.D.		21	21	20	25
	N		25	25	25	25
Day 50	MEAN		270 d	266	273	267
	S.D.		23	22	23	27
	N		25	25	25	25
Day 57	MEAN		287 d	283	287	277
	S.D.		34	24	20	27
	N		25	25	25	25
Day 64	MEAN		300 d	291	294	284
	S.D.		39	26	16	27
	N		25	25	25	25
Day 71	MEAN		303 d	294	301	286
	S.D.		36	26	21	27
	N		25	25	25	25

Statistical key: d=ANOVA + Dunnett-test

Table: 8

F0 GENERATION

BODY WEIGHT CHANGE (Mean values/Grams/Females/Premating period)

FEMALES

Dose: (mg/kg/day)		0	250	500	1000
Day 1 TO 8	MEAN	30 d	30	31	33
	S.D.	6	8	5	7
	N	25	25	25	25
	mean percent change	MEAN%	18.6	19.3	20.1	21.1
Day 8 TO 15	MEAN	15 d	19	21*	18
	S.D.	8	7	7	5
	N	25	25	25	25
	mean percent change	MEAN%	8.0	10.2	10.9	9.6
Day 15 TO 22	MEAN	19 d	19	18	19
	S.D.	8	6	7	6
	N	25	25	25	25
	mean percent change	MEAN%	9.5	9.5	8.8	9.1
Day 22 TO 29	MEAN	15 d	13	15	16
	S.D.	7	6	7	6
	N	25	25	25	25
	mean percent change	MEAN%	6.5	5.8	6.6	6.9
Day 29 TO 36	MEAN	15 d	11	12	10*
	S.D.	5	6	7	5
	N	25	25	25	25
	mean percent change	MEAN%	6.3	4.7	5.0	4.3
Day 36 TO 43	MEAN	8 d	13**	13#	13**
	S.D.	4	5	5	5
	N	25	25	25	25
	mean percent change	MEAN%	3.2	5.2	5.3	5.0
Day 43 TO 50	MEAN	9 d	5*	6	3#
	S.D.	5	5	6	6
	N	25	25	25	25
	mean percent change	MEAN%	3.4	2.0	2.1	0.9
Day 50 TO 57	MEAN	17 d	17	13	10
	S.D.	16	10	7	7
	N	25	25	25	25
	mean percent change	MEAN%	6.1	6.3	5.0	3.9
Day 57 TO 64	MEAN	13 d	8	7	7
	S.D.	11	9	8	6
	N	25	25	25	25
	mean percent change	MEAN%	4.5	2.8	2.7	2.6

Statistical key: d=ANOVA + Dunnett-test * = p<0.05 ** = p<0.01 # = p<0.001

Table: 8 (continued)

F0 GENERATION

BODY WEIGHT CHANGE (Mean values/Grams/Females/Premating period)

FEMALES

Dose: (mg/kg/day)		0	250	500	1000
Day 64 TO 71	MEAN	3 d	4	8	2
	S.D.	9	9	10	9
	N	25	25	25	25
mean percent change	MEAN%	1.1	1.3	2.6	0.6
Day 1 TO 71	MEAN	143 d	139	145	130
	S.D.	27	21	18	23
	N	25	25	25	25
mean percent change	MEAN%	89.4	89.2	92.4	83.3

Statistical key: d=ANOVA + Dunnett-test

Table: 9

F0 GENERATION

BODY WEIGHT (Mean values/grams/Females/Pregnancy period)

Dose: (mg/kg/day)		0	250	500	1000
DAY 0	MEAN	306 d	296	303	289
	S.D.	34	27	24	29
	N	23	21	22	25
DAY 7	MEAN	331 d	323	332	318
	S.D.	37	28	27	30
	N	23	21	22	25
DAY 14	MEAN	361 d	355	364	351
	S.D.	39	30	31	29
	N	23	21	22	25
DAY 20	MEAN	438 d	430	438	425
	S.D.	45	35	38	32
	N	23	21	22	25

Statistical key: d=ANOVA + Dunnett-test

Table: 10

F0 GENERATION

BODY WEIGHT CHANGE (Mean values/grams/Females/Pregnancy period)

Dose: (mg/kg/day)		0	250	500	1000
DAYS 0 TO 7	MEAN	26 d	27	29	29
	S.D.	10	7	11	8
	N	23	21	22	25
mean percent change	MEAN%	8.5	9.3	9.6	10.2
DAYS 7 TO 14	MEAN	30 d	32	32	32
	S.D.	6	7	6	7
	N	23	21	22	25
mean percent change	MEAN%	9.1	9.9	9.6	10.2
DAYS 14 TO 20	MEAN	77 d	75	75	75
	S.D.	8	8	11	11
	N	23	21	22	25
mean percent change	MEAN%	21.3	21.1	20.5	21.4
DAYS 0 TO 20	MEAN	132 d	134	136	136
	S.D.	15	14	25	12
	N	23	21	22	25
mean percent change	MEAN%	43.5	45.5	44.9	47.5

Statistical key: d=ANOVA + Dunnett-test

Table: 11

F0 GENERATION

BODY WEIGHT (Mean values/grams/Females/Lactation period)

Dose: (mg/kg/day)		0	250	500	1000
DAY 1	MEAN	343 d	338	342	332
	S.D.	39	28	29	32
	N	23	21	22	25
DAY 7	MEAN	352 d	347	351	347
	S.D.	36	23	23	29
	N	23	21	19	25
DAY 14	MEAN	359 d	357	359	357
	S.D.	33	17	25	24
	N	23	20	19	25
DAY 21	MEAN	344 d	344	340	343
	S.D.	29	18	24	24
	N	23	20	19	25

Statistical key: d=ANOVA + Dunnett-test

Table: 12

F0 GENERATION

BODY WEIGHT CHANGE (Mean values/grams/Females/Lactation period)

Dose: (mg/kg/day)		0	250	500	1000
DAYS 1 TO 7	MEAN	9 d	9	12	14
	S.D.	13	12	8	10
	N	23	21	19	25
	mean percent change	MEAN%	2.8	2.8	3.7	4.5
DAYS 7 TO 14	MEAN	7 d	11	8	10
	S.D.	11	13	12	12
	N	23	20	19	25
	mean percent change	MEAN%	2.5	3.1	3.0	3.8
DAYS 14 TO 21	MEAN	-15 d	-13	-19	-14
	S.D.	13	9	11	13
	N	23	20	19	25
	mean percent change	MEAN%	0.3	0.8	0.3	1.2
DAYS 1 TO 14	MEAN	16 d	20	20	24
	S.D.	17	15	12	16
	N	23	20	19	25
	mean percent change	MEAN%	1.5	2.2	1.7	2.8
DAYS 1 TO 21	MEAN	1 d	7	1	11
	S.D.	20	17	12	19
	N	23	20	19	25
	mean percent change	MEAN%	1.3	2.2	1.5	3.0

Statistical key: d=ANOVA + Dunnett-test

Table: 13

F0 GENERATION
FOOD CONSUMPTION (Mean values/Grams per day/Males)

MALES

Dose: (mg/kg/day)			0	250	500	1000
Day 1 TO 8	MEAN		26 d	26	27	27
	S.D.		2	2	2	2
	N		25	25	25	25
Day 8 TO 15	MEAN		28 d	28	29	30
	S.D.		3	4	2	2
	N		25	25	25	25
Day 15 TO 22	MEAN		27 d	27	28	29
	S.D.		5	2	2	2
	N		25	25	25	25
Day 22 TO 29	MEAN		26 d	26	27	28
	S.D.		3	3	2	3
	N		25	25	25	25
Day 29 TO 36	MEAN		26 d	26	26	27
	S.D.		3	4	2	2
	N		25	25	25	25
Day 36 TO 43	MEAN		25 d	24	26	26
	S.D.		3	3	2	3
	N		25	25	25	25
Day 43 TO 50	MEAN		24 d	26	26	26
	S.D.		3	3	2	3
	N		25	25	25	25
Day 50 TO 57	MEAN		25 d	25	26	26
	S.D.		2	2	2	3
	N		25	25	25	25
Day 57 TO 64	MEAN		25 d	25	25	27
	S.D.		3	2	3	2
	N		25	25	25	25
Day 64 TO 71	MEAN		24 d	24	24	25
	S.D.		3	2	2	2
	N		25	25	25	25
Day 85 TO 92	MEAN		24 d	25	24	25
	S.D.		3	2	2	2
	N		25	25	25	25

Statistical key: d=ANOVA + Dunnett-test

Table: 13 (continued)

F0 GENERATION

FOOD CONSUMPTION (Mean values/Grams per day/Males)

MALES

Dose: (mg/kg/day)			0	250	500	1000
Day 92 TO 99	MEAN	24 d	24	24	24	26*
	S.D.		3	2	3	2
	N		25	24	25	25
Day 99 TO 106	MEAN	25 d	25	25	25	27**
	S.D.		3	2	3	2
	N		25	25	25	25
Day 106 TO 113	MEAN	24 d	25	25	25	26
	S.D.		3	2	3	2
	N		25	25	25	25
Day 1 TO 71	MEAN	26 d	26	26	26	27
	S.D.		2	2	2	2
	N		25	25	25	25

Statistical key: d=ANOVA + Dunnett-test * = p<0.05 ** = p<0.01

Table: 14

F0 GENERATION

FOOD CONSUMPTION (Mean values/Grams per day/Females/Premating period)

FEMALES

Dose: (mg/kg/day)			0	250	500	1000
Day 1 TO 8	MEAN	18 d	18	18	19	19
	S.D.	2	1	2	2	2
	N	25	25	25	25	25
Day 8 TO 15	MEAN	18 d	18	18	19	19
	S.D.	1	2	2	2	2
	N	25	25	25	25	25
Day 15 TO 22	MEAN	19 d	19	19	19	20*
	S.D.	2	2	2	2	2
	N	25	25	25	25	25
Day 22 TO 29	MEAN	18 d	18	18	19	20*
	S.D.	2	2	2	2	2
	N	25	25	25	25	25
Day 29 TO 36	MEAN	18 d	18	18	19	20
	S.D.	2	2	2	2	2
	N	25	25	25	25	25
Day 36 TO 43	MEAN	17 d	18	18	19*	19**
	S.D.	2	2	2	2	2
	N	25	25	25	25	25
Day 43 TO 50	MEAN	17 d	18	18	19	19*
	S.D.	2	2	2	2	2
	N	25	25	25	25	25
Day 50 TO 57	MEAN	19 d	19	19	19	19
	S.D.	4	3	2	2	2
	N	24	25	25	25	25
Day 57 TO 64	MEAN	20 d	20	20	19	19
	S.D.	5	3	2	2	2
	N	24	25	25	25	25
Day 64 TO 71	MEAN	18 d	18	18	19	18
	S.D.	3	2	3	3	3
	N	25	25	25	25	25
Day 1 TO 71	MEAN	18 d	18	18	19	19
	S.D.	2	2	2	2	2
	N	25	25	25	25	25

Statistical key: d=ANOVA + Dunnett-test * = p<0.05 ** = p<0.01

Table: 15

F0 GENERATION

FOOD CONSUMPTION (Mean values/grams per day/Females/Pregnancy period)

Dose: (mg/kg/day)		0	250	500	1000
DAYS 0 TO 7	MEAN	21 d	22	23	23
	S.D.	3	3	3	3
	N	23	20	22	25
DAYS 7 TO 14	MEAN	24 d	24	26	25
	S.D.	3	3	4	3
	N	23	21	21	25
DAYS 14 TO 20	MEAN	27 d	28	28	29
	S.D.	3	2	3	3
	N	23	21	22	25
DAYS 0 TO 20	MEAN	24 d	25	25	26
	S.D.	3	2	3	3
	N	23	21	22	25

Statistical key: d=ANOVA + Dunnett-test

Table: 16

F0 GENERATION

FOOD CONSUMPTION (Mean values/grams per day/Females/Lactation period)

Dose: (mg/kg/day)		0	250	500	1000
DAYS 1 TO 7	MEAN	36 d	36	37	40**
	S.D.	5	8	4	3
	N	23	21	19	25
DAYS 7 TO 14	MEAN	53 d	56	54	59#
	S.D.	7	4	5	3
	N	23	20	19	25
DAYS 14 TO 21	MEAN	64 d	67	65	70**
	S.D.	8	6	8	5
	N	23	20	19	25
DAYS 1 TO 14	MEAN	44 d	46	46	50#
	S.D.	6	4	5	3
	N	23	20	19	25
DAYS 1 TO 21	MEAN	51 d	53	52	56#
	S.D.	6	4	5	3
	N	23	20	19	25

Statistical key: d=ANOVA + Dunnett-test ** = p<0.01 # = p<0.001

Table 17

**F0 GENERATION
SUMMARY OF REPRODUCTIVE DATA**

Dose-level (mg/kg/day)		0	250	500	1000
		Group 1	Group 2	Group 3	Group 4
Paired males + females	n	25 + 25	25 + 25	25 + 25	25 + 25
Pairs able to mate	n	25	25	25	25
Mating index	%	100	100	100	100
Mean number of days of pairing before mating	n	3.28	2.76	2.52	2.72
Pregnant female partners	n	23	21	22	25
Fertility index	%	92	84	88	100
Females with live concepti	n	23	21	22	25
Gestation index	%	100	100	100	100

Table: 18

F0 GENERATION
SUMMARY OF REPRODUCTIVE AND LITTER DATA

Dose: (mg/kg/day)		0	250	500	1000
Females on Study	N	25	25	25	25
Females Mated	N	25 f	25	25	25
Mating Index	%	100.0	100.0	100.0	100.0
Females Pregnant	N	23 f	21	22	25
Female Fertility Index	%	92.0	84.0	88.0	100.0
Females with Liveborn	N	23 f	21	22	25
Gestation Index	%	100.0	100.0	100.0	100.0
Females Surviving Delivery	N	23 f	21	22	25
Duration of Gestation	MEAN	21.7 d	21.5	21.5	21.8
S.D.		0.6	0.5	0.5	0.4
with Stillborn Pups	N	0 f	0	0	0
%		0.0	0.0	0.0	0.0
with all Stillborn	N	0 f	0	0	0
%		0.0	0.0	0.0	0.0
with Entire Liveborn Litter Dying and/or Missing, Cannibalized, Culled					
days 0-4	N	0 f	0	3	0
%		0.0	0.0	13.6	0.0
days 0-21	N	0 f	1	3	0
%		0.0	4.8	13.6	0.0

Statistical key: d=ANOVA + Dunnett-test f=Fishers exact test

Table: 18 (continued)

F0 GENERATION
SUMMARY OF REPRODUCTIVE AND LITTER DATA

Dose: (mg/kg/day)		0	250	500	1000
Litters with Liveborn Pups	N	23	21	22	25
Pups Delivered (total)	N	328	296	327	354
	MEAN	14.3 d	14.1	14.9	14.2
	S.D.	2.2	2.3	2.3	2.0
Liveborn	N	328 f	296	327	354
Live Birth Index	%	100.0	100.0	100.0	100.0
Stillborn	N	0 f	0	0	0
	%	0.0	0.0	0.0	0.0
Uncertain	N	0	0	0	0
Culled day 4		136	107	117	145
Culled (total)	N	136	107	117	146
Cannibalized	N	4	15	24	7
Missing	N	1	0	0	0
Died	N	13	20	32	2
Liveborn, not culled prior to day 21	N	192	189	210	209
Pups Dying, Missing, and/or Cannibalized					
day 0	N	0 f	0	0	0
	%	0.0	0.0	0.0	0.0
days 1-4	N	8 f	21**	58#	8
	%	2.4	7.1	17.7	2.3
days 5-7	N	8 f	12	5	0**
	%	2.4	4.1	1.5	0.0
days 8-14	N	2 f	2	1	1
	%	0.6	0.7	0.3	0.3
days 15-21	N	0 f	0	0	0
	%	0.0	0.0	0.0	0.0
Pups Surviving 4 days Viability Index	N	320 f	275**	269#	346
	%	97.6	92.9	82.3	97.7
Pups Surviving 21 days Lactation Index	N	174 f	154	146	199**
	%	94.6	91.7	96.1	99.5
Implantation Sites per Litter	N	343	314	344	379
	MEAN	14.9 d	15.0	15.6	15.2
	S.D.	2.2	2.1	2.1	1.9

Statistical key: d=ANOVA + Dunnett-test f=Fishers exact test ** = p<0.01 # = p<0.001

Table: 18 (continued)

F0 GENERATION
SUMMARY OF REPRODUCTIVE AND LITTER DATA

Dose: (mg/kg/day)		0	250	500	1000
Live Pups/Litter					
day 1	MEAN	14.2 d	14.0	14.4	14.1
	S.D.	2.2	2.3	2.2	1.9
day 4 preculling	MEAN	13.9 d	13.1	14.2	13.8
	S.D.	2.0	2.1	2.0	2.0
day 4 postculling	MEAN	8.0 d	8.0	8.0	8.0
	S.D.	0.0	0.0	0.0	0.2
day 7	MEAN	7.7 d	7.4	7.7	8.0
	S.D.	1.1	1.6	0.6	0.0
day 14	MEAN	7.6 d	7.7	7.7	8.0
	S.D.	1.1	0.7	0.7	0.2
day 21	MEAN	7.6 d	7.7	7.7	8.0
	S.D.	1.1	0.7	0.7	0.2
Pup Weight/Litter (grams)					
day 1	MEAN	6.6 d	6.5	6.3	6.8
	S.D.	0.7	0.6	0.6	0.6
day 4 preculling	MEAN	8.9 d	8.7	8.4	9.1
	S.D.	1.4	1.6	1.2	1.2
day 4 postculling	MEAN	8.9 d	8.8	8.5	9.2
	S.D.	1.3	1.6	1.3	1.2
day 7	MEAN	14.3 d	14.3	14.2	15.5
	S.D.	2.3	3.2	2.4	1.8
day 14	MEAN	30.6 d	32.0	31.4	32.5
	S.D.	3.3	2.9	3.6	2.5
day 21	MEAN	49.1 d	50.4	49.4	51.5
	S.D.	5.4	4.0	6.1	4.2
Sex Ratio - Male Pups:Total Pups					
day 0	N	172 f	141	157	194
	%	52.4	47.6	48.0	54.8
day 21	N	92 f	73	75	99
	%	52.9	47.4	51.4	49.7

Statistical key: d=ANOVA + Dunnett-test f=Fishers exact test

Table: 19

F0 GENERATION
SUMMARY OF PUP WEIGHTS (grams)

Dose: (mg/kg/day)			0	250	500	1000
day 1	males	MEAN	6.8 d	6.7	6.5	7.0
		S.D.	0.7	0.6	0.7	0.7
		N	23	21	22	25
1	females	MEAN	6.4 d	6.4	6.0	6.5
		S.D.	0.6	0.6	0.6	0.6
		N	23	21	22	25
1	males+females	MEAN	6.6 d	6.5	6.3	6.8
		S.D.	0.7	0.6	0.6	0.6
		N	23	21	22	25
day 4	males preculling	MEAN	9.1 d	9.0	8.7	9.3
		S.D.	1.4	1.6	1.3	1.2
		N	23	21	19	25
4	females preculling	MEAN	8.6 d	8.5	8.1	8.9
		S.D.	1.4	1.6	1.2	1.2
		N	23	21	19	25
4	males+females preculling	MEAN	8.9 d	8.7	8.4	9.1
		S.D.	1.4	1.6	1.2	1.2
		N	23	21	19	25
day 4	males postculling	MEAN	9.2 d	9.1	8.8	9.4
		S.D.	1.3	1.6	1.4	1.2
		N	23	21	19	25
4	females postculling	MEAN	8.6 d	8.5	8.2	9.0
		S.D.	1.3	1.6	1.2	1.3
		N	23	21	19	25
4	males+females postculling	MEAN	8.9 d	8.8	8.5	9.2
		S.D.	1.3	1.6	1.3	1.2
		N	23	21	19	25

Statistical key: d=ANOVA + Dunnett-test

Table: 19 (continued)

F0 GENERATION
SUMMARY OF PUP WEIGHTS (grams)

Dose: (mg/kg/day)		0	250	500	1000
day 7 males	MEAN	14.7 d	15.5	14.7	15.9
	S.D.	2.2	2.3	2.5	1.7
	N	23	19	19	25
7 females	MEAN	14.0 d	13.9	13.7	15.1
	S.D.	2.6	3.1	2.3	2.1
	N	23	21	19	25
7 males+females	MEAN	14.3 d	14.3	14.2	15.5
	S.D.	2.3	3.2	2.4	1.8
	N	23	21	19	25
day 14 males	MEAN	31.1 d	32.8	32.0	33.1
	S.D.	2.9	2.9	3.9	2.5
	N	23	19	19	25
14 females	MEAN	30.0 d	31.4	30.7	32.0
	S.D.	3.8	3.2	3.5	2.8
	N	23	20	19	25
14 males+females	MEAN	30.6 d	32.0	31.4	32.5
	S.D.	3.3	2.9	3.6	2.5
	N	23	20	19	25
day 21 males	MEAN	50.1 d	51.7	50.5	52.4
	S.D.	4.9	4.1	6.7	4.5
	N	23	19	19	25
21 females	MEAN	48.1 d	49.5	48.2	50.6
	S.D.	6.1	4.3	5.9	4.4
	N	23	20	19	25
21 males+females	MEAN	49.1 d	50.4	49.4	51.5
	S.D.	5.4	4.0	6.1	4.2
	N	23	20	19	25

Statistical key: d=ANOVA + Dunnett-test

Table: 19 (continued)

F0 GENERATION
SUMMARY OF PUP BODY WEIGHT CHANGES -- GRAMS

Dose: (mg/kg/day)		0	250	500	1000
day 1- 4 males	MEAN	2.3 d	2.3	2.0	2.3
	S.D.	0.8	1.3	0.8	0.8
	N	23	21	19	25
females	MEAN	2.2 d	2.1	1.9	2.4
	S.D.	0.9	1.3	0.8	0.8
	N	23	21	19	25
males+females	MEAN	2.2 d	2.2	2.0	2.4
	S.D.	0.8	1.2	0.8	0.7
	N	23	21	19	25
day 4- 7 males	MEAN	5.5 d	6.2	5.9	6.5**
	S.D.	1.1	1.0	1.2	0.9
	N	23	19	19	25
females	MEAN	5.4 d	5.4	5.5	6.1
	S.D.	1.5	1.8	1.3	0.9
	N	23	21	19	25
males+females	MEAN	5.4 d	5.6	5.7	6.3
	S.D.	1.3	1.8	1.2	0.8
	N	23	21	19	25
day 4-21 males	MEAN	40.9 d	42.4	41.8	43.0
	S.D.	4.1	3.3	5.9	3.9
	N	23	19	19	25
females	MEAN	39.5 d	40.9	40.0	41.7
	S.D.	5.3	3.2	5.2	3.5
	N	23	20	19	25
males+females	MEAN	40.2 d	41.5	41.0	42.3
	S.D.	4.6	3.1	5.4	3.5
	N	23	20	19	25

Statistical key: d=ANOVA + Dunnett-test ** = p<0.01

Table: 19 (continued)

F0 GENERATION

SUMMARY OF PUP BODY WEIGHT CHANGES -- GRAMS

Dose: (mg/kg/day)		0	250	500	1000
day 7-14 males	MEAN	16.4 d	17.3	17.3	17.2
	S.D.	1.9	1.7	2.3	1.5
	N	23	19	19	25
females	MEAN	16.0 d	17.1	17.1	16.9
	S.D.	1.9	1.6	2.2	1.4
	N	23	20	19	25
males+females	MEAN	16.2 d	17.2	17.2	17.1
	S.D.	1.8	1.5	2.2	1.4
	N	23	20	19	25
day 14-21 males	MEAN	19.0 d	18.9	18.5	19.3
	S.D.	2.4	2.1	3.6	2.4
	N	23	19	19	25
females	MEAN	18.1 d	18.1	17.5	18.6
	S.D.	2.7	1.8	3.1	2.0
	N	23	20	19	25
males+females	MEAN	18.5 d	18.4	18.0	19.0
	S.D.	2.5	1.9	3.3	2.1
	N	23	20	19	25

Statistical key: d=ANOVA + Dunnett-test

Table 20

F0 GENERATION
MEAN VALUES OF ANOGENITAL DISTANCE
ON DAY 1 POST-PARTUM

Dose-level (mg/kg/day)		Male				Female			
		0	250	500	1000	0	250	500	1000
AGD	Mean	4.71	4.62	4.47	4.64	2.84	2.77	2.63	2.68
	SD	0.43	0.33	0.39	0.30	0.36	0.24	0.26	0.37
PW	Mean	6.80	6.70	6.50	7.00	6.40	6.40	6.00	6.50
	SD	0.70	0.60	0.70	0.70	0.60	0.60	0.60	0.60
AGD/PW	Mean	0.69	0.69	0.70	0.67	0.44	0.44	0.44	0.42
	SD	0.06	0.07	0.09	0.07	0.06	0.06	0.05	0.07
AGD/Cube root of body weight (a)	Mean	2.48	2.45	2.40	2.43	1.53	1.50	1.45	1.44
	SD	0.18	0.17	0.21	0.15	0.18	0.14	0.14	0.20

AGD: anogenital distance (mm)

PW: pup weight (grams)

AGD/PW: anogenital distance normalized to pup body weight

(a): the anogenital distance is normalized to the cube root of pup body weight

Table: 21

F0 GENERATION

ASSESSMENT OF REFLEX AND PHYSICAL DEVELOPMENT (Mean data)

Dose: (mg/kg/day)		0	250	500	1000
SURFACE RIGHTING day 5					
Number of pups tested	N	182	163	152	200
Number of pups exhibiting positive response	N	182 f	157*	147*	198
	%	100.0	96.3	96.7	99.0
CLIFF AVOIDANCE day 11					
Number of pups tested	N	174	154	146	199
Number of pups exhibiting positive response	N	169 f	154	139	189
	%	97.1	100.0	95.2	95.0
AIR RIGHTING day 17					
Number of pups tested	N	174	154	146	199
Number of pups exhibiting positive response	N	172 f	152	143	199
	%	98.9	98.7	97.9	100.0

Statistical key: f=Fishers exact test * = p<0.05

Table: 22

F0 GENERATION

SUMMARY OF MACROSCOPIC POSTMORTEM OBSERVATIONS OF PUPS DEAD

Dose: (mg/kg/day)		0	250	500	1000
Litters Evaluated	N	2	4	8	1
Pups Evaluated	N	13	11	10	2
GENERAL					
Litter Incidence	N	2	3	4	1
Pup Incidence	N	10	4	4	1
O AUTOLYSIS					
Pup Incidence	N	10 f	4	4	1
	%	76.9	36.4	40.0	50.0
Litter Incidence	N	2 f	3	4	1
	%	100.0	75.0	50.0	100.0
TOTAL PUPS DEAD OBSERVATIONS					
Pup Incidence	N	10 f	4	4	1
	%	76.9	36.4	40.0	50.0
Litter Incidence	N	2 f	3	4	1
	%	100.0	75.0	50.0	100.0

Statistical key: f=Fishers exact test

Table: 22 (continued)

F0 GENERATION

**SUMMARY OF MACROSCOPIC POSTMORTEM OBSERVATIONS OF PUPS SACRIFICED
AFTER WEANING**

Dose: (mg/kg/day)		0	250	500	1000
Litters Evaluated	N	23	20	19	25
Pups Evaluated	N	118	98	91	145
GONADS					
Litter Incidence	N	0	0	0	1
Pup Incidence	N	0	0	0	1
V SMALL TESTIS					
Pup Incidence	N	0 f	0	0	1
	%	0.0	0.0	0.0	0.7
Litter Incidence	N	0 f	0	0	1
	%	0.0	0.0	0.0	4.0
TOTAL PUPS SACRIFICED OBSERVATIONS					
Pup Incidence	N	0 f	0	0	1
	%	0.0	0.0	0.0	0.7
Litter Incidence	N	0 f	0	0	1
	%	0.0	0.0	0.0	4.0

Statistical key: f=Fishers exact test

Table 23

F0 GENERATION
SUMMARY OF EPIDIDYMAL SPERM COUNT MOTILITY
TESTICULAR SPERM HEAD COUNT AND DAILY SPERM PRODUCTION

Dose-level (mg/kg/day)	0	250	500	1000
<u>EPIDIDYMIS</u>				
Number of spermatozoa ($10^3/\text{mm}^3$ grams of sperm)				
Mean	923	938	935	918
Sd	200	205	159	194
n	25	25	25	24

Epididymal sperm motility (%)				
Motile				
Mean	99.7	100.0	98.6	97.6
Sd	1.5	0.0	4.0	6.6
n	25	25	25	25

Non-motile				
Mean	0.3	0.0	1.4	2.4
Sd	1.5	0.0	4.0	6.6
n	25	25	25	25

<u>TESTIS</u>				
Number of sperm heads ($10^6/\text{g}$ of testis)				
Mean	114.8	109.0	108.1	109.8
Sd	18.7	13.1	18.6	16.5
n	25.0	25.0	25.0	25.0

Daily sperm production rate ($10^6/\text{g}$ of testis/day)				
Mean	18.8	17.9	17.7	18.0
Sd	3.1	2.2	3.1	2.7
n	25.0	25.0	25.0	25.0

Table 24

F0 GENERATION
SUMMARY OF EPIDIDYMAL SPERM MORPHOLOGY
(expressed as %)

Dose-levels (mg/kg/day)	0	250	500	1000
n	25	25	25	25
<hr style="border-top: 1px dashed black;"/>				
Normal				
Mean %	93	93	97	96
Sd	19	19	2	2
<hr style="border-top: 1px dashed black;"/>				
Normally shaped head separated from flagellum				
Mean %	2	3	2	3
Sd	2	3	2	2
<hr style="border-top: 1px dashed black;"/>				
Mis-shapen head separated from flagellum				
Mean %	0	0	0	0
Sd	0	0	0	0
<hr style="border-top: 1px dashed black;"/>				
Mis-shapen head with normal flagellum				
Mean %	4	4	0	0
Sd	20	17	1	1
<hr style="border-top: 1px dashed black;"/>				
Mis-shapen head with abnormal flagellum				
Mean %	0	0	0	0
Sd	0	0	0	0
<hr style="border-top: 1px dashed black;"/>				
Degenerative flagellar defect(s) with normal head				
Mean %	0	0	0	0
Sd	0	0	0	0
<hr style="border-top: 1px dashed black;"/>				
Other flagellar defect(s) with normal head				
Mean %	0	0	1	1
Sd	0	1	1	1

Table: 25

 SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

FO PARENTS

SEX: MALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	25	25	25	25

ADRENAL GLANDS	n:	25	25	25	25
MEAN WEIGHT (g):		0.05236	0.06020#	0.05928#	0.06628##
SD :		0.013	0.014	0.009	0.012
MEAN % BODY :		0.00872	0.01013#	0.01022##	0.01167##
SD :		0.002	0.002	0.002	0.002
.....					
BRAIN	n:	25	25	25	25
MEAN WEIGHT (g):		2.08	2.14	2.08	2.08
SD :		0.081	0.099	0.088	0.086
MEAN % BODY :		0.34800	0.35931	0.35925	0.36688*
SD :		0.026	0.021	0.029	0.024
.....					
EPIDIDYMIS, LEFT	n:	25	25	25	25
MEAN WEIGHT (g):		0.77008	0.77092	0.77784	0.80988
SD :		0.054	0.077	0.067	0.189
MEAN % BODY :		0.12886	0.12947	0.13434	0.14209
SD :		0.014	0.013	0.016	0.027
.....					
EPIDIDYMIS, RIGHT	n:	25	25	25	25
MEAN WEIGHT (g):		0.78148	0.78968	0.77492	0.77528
SD :		0.053	0.092	0.062	0.056
MEAN % BODY :		0.13072	0.13245	0.13383	0.13670
SD :		0.013	0.014	0.015	0.012
.....					
FINAL BODY WEIGHT	n:	25	25	25	25
MEAN WEIGHT (g):		601.9	596.9	583.2	569.1#
SD :		55.28	37.92	54.07	41.37
.....					

 */**):DUNNETT'S TEST BASED ON POOLED VARIANCES AT 5% (*) OR 1% (**) LEVEL

#/#):DUNN'S TEST AT 5% (#) OR 1% (##) LEVEL

Assigned control group(s) : 1,

Table: 25 (continued)

SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

FO PARENTS

SEX: MALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	25	25	25	25

KIDNEYS	n:	25	25	25	25
MEAN WEIGHT	(g):	3.58	3.96*	4.12**	4.34**
SD	:	0.413	0.446	0.624	0.434
MEAN % BODY	:	0.59628	0.66246**	0.70569**	0.76341**
SD	:	0.053	0.052	0.076	0.063
.....					
LIVER	n:	25	25	25	25
MEAN WEIGHT	(g):	19.54	19.98	19.97	22.87**
SD	:	2.79	2.21	2.82	2.75
MEAN % BODY	:	3.24	3.34	3.42	4.02**
SD	:	0.272	0.236	0.267	0.369
.....					
PITUITARY GLAND	n:	25	25	25	25
MEAN WEIGHT	(g):	0.01272	0.01424	0.01256	0.01336
SD	:	0.002	0.003	0.003	0.003
MEAN % BODY	:	0.00212	0.00239	0.00217	0.00233
SD	:	0.000	0.001	0.001	0.000
.....					
PROSTATE	n:	25	25	25	25
MEAN WEIGHT	(g):	1.41	1.63#	1.37	1.62
SD	:	0.272	0.320	0.285	0.396
MEAN % BODY	:	0.23582	0.27279	0.23656	0.28593**
SD	:	0.054	0.053	0.054	0.069
.....					
SEMINAL VESICLE	n:	25	25	25	25
MEAN WEIGHT	(g):	2.06	2.26	2.19	2.28
SD	:	0.309	0.595	0.439	0.574
MEAN % BODY	:	0.34605	0.37895	0.37615	0.40207
SD	:	0.066	0.098	0.073	0.100
.....					

#/#): DUNN'S TEST AT 5% (#) OR 1% (##) LEVEL

*/**): DUNNETT'S TEST BASED ON POOLED VARIANCES AT 5% (*) OR 1% (**) LEVEL

Assigned control group(s) : 1,

Table: 25 (continued)

SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

FO PARENTS

SEX: MALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	25	25	25	25

SPLEEN	n:	25	25	25	25
MEAN WEIGHT (g):		0.75304	0.76592	0.76560	0.75304
SD :		0.111	0.127	0.131	0.121
MEAN % BODY :		0.12472	0.12819	0.13194	0.13192
SD :		0.011	0.019	0.023	0.016
.....					
TESTIS, LEFT	n:	25	25	25	25
MEAN WEIGHT (g):		1.78	1.73	1.78	1.75
SD :		0.116	0.181	0.142	0.237
MEAN % BODY :		0.29710	0.29005	0.30712	0.31052
SD :		0.028	0.025	0.033	0.049
.....					
TESTIS, RIGHT	n:	25	25	25	25
MEAN WEIGHT (g):		1.76	1.76	1.76	1.79
SD :		0.105	0.179	0.130	0.126
MEAN % BODY :		0.29488	0.29427	0.30321	0.31497*
SD :		0.029	0.025	0.033	0.029
.....					
THYROID GLANDS	n:	25	25	25	25
MEAN WEIGHT (g):		0.02196	0.02147	0.02228	0.02264
SD :		0.004	0.007	0.004	0.008
MEAN % BODY :		0.00366	0.00358	0.00384	0.00398
SD :		0.001	0.001	0.001	0.001
.....					

*/**):DUNNETT'S TEST BASED ON POOLED VARIANCES AT 5% (*) OR 1% (**) LEVEL
Assigned control group(s) : 1,

Table: 25 (continued)

 SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

FO PARENTS

SEX: FEMALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	25	25	25	25

ADRENAL GLANDS	n:	25	24	22	25
MEAN WEIGHT (g):		0.06820	0.06596	0.07145	0.07196
SD :		0.010	0.011	0.011	0.012
MEAN % BODY :		0.02153	0.02276	0.02288	0.02234
SD :		0.004	0.006	0.004	0.004
.....					
BRAIN	n:	25	24	22	25
MEAN WEIGHT (g):		1.92	1.92	1.96	1.92
SD :		0.069	0.065	0.080	0.072
MEAN % BODY :		0.60900	0.66324	0.63755	0.59672
SD :		0.108	0.148	0.132	0.046
.....					
FINAL BODY WEIGHT	n:	25	24	22	25
MEAN WEIGHT (g):		323.3	300.1	315.9	323.8
SD :		47.31	51.02	44.85	25.75
.....					
KIDNEYS	n:	25	24	22	25
MEAN WEIGHT (g):		2.24	2.22	2.29	2.35
SD :		0.185	0.160	0.207	0.224
MEAN % BODY :		0.70673	0.77143	0.74388	0.72691
SD :		0.110	0.198	0.160	0.060
.....					
LIVER	n:	25	24	22	25
MEAN WEIGHT (g):		14.87	14.75	15.40	15.71
SD :		1.70	1.83	1.95	1.89
MEAN % BODY :		4.67	5.15	5.03	4.85
SD :		0.695	1.62	1.40	0.394
.....					

 No statistically significant weight differences noted between treated groups and controls

Table: 25 (continued)

 SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

FO PARENTS

SEX: FEMALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	25	25	25	25

OVARIES	n:	25	24	22	25
MEAN WEIGHT	(g):	0.16836	0.16683	0.16682	0.16432
SD	:	0.025	0.027	0.022	0.023
MEAN % BODY	:	0.05303	0.05727	0.05385	0.05108
SD	:	0.010	0.014	0.010	0.008
.....					
PITUITARY GLAND	n:	25	24	22	25
MEAN WEIGHT	(g):	0.01576	0.01508	0.01609	0.01392
SD	:	0.003	0.003	0.005	0.003
MEAN % BODY	:	0.00494	0.00525	0.00519	0.00430
SD	:	0.001	0.002	0.002	0.001
.....					
SPLEEN	n:	25	24	21	25
MEAN WEIGHT	(g):	0.65800	0.63179	0.64467	0.63540
SD	:	0.084	0.093	0.094	0.112
MEAN % BODY	:	0.20816	0.21752	0.21003	0.19588
SD	:	0.043	0.055	0.057	0.028
.....					
THYROID GLANDS	n:	25	24	22	25
MEAN WEIGHT	(g):	0.01868	0.01750	0.01782	0.01824
SD	:	0.004	0.005	0.005	0.004
MEAN % BODY	:	0.00591	0.00610	0.00575	0.00565
SD	:	0.002	0.002	0.002	0.001
.....					
UTERUS	n:	23	20	19	25
MEAN WEIGHT	(g):	0.53978	0.58645	0.48321	0.57620
SD	:	0.096	0.231	0.102	0.218
MEAN % BODY	:	0.17203	0.20656	0.15988	0.18085
SD	:	0.040	0.083	0.048	0.078
.....					

 No statistically significant weight differences noted between treated groups and controls

Table: 26

 SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

F1 PUPS

SEX: MALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	23	19	19	25
FINAL BODY WEIGHT	n:	23	19	19	25
MEAN WEIGHT (g):		61.12	62.19	58.78	67.72#
SD :		10.37	9.29	9.69	8.89
.....					
BRAIN	n:	23	19	19	25
MEAN WEIGHT (g):		1.48	1.50	1.50	1.52
SD :		0.083	0.120	0.088	0.070
MEAN % BODY :		2.47	2.45	2.61	2.28
SD :		0.374	0.277	0.358	0.301
.....					
SPLEEN	n:	23	19	19	25
MEAN WEIGHT (g):		0.29113	0.29411	0.29195	0.33728
SD :		0.067	0.058	0.083	0.055
MEAN % BODY :		0.47484	0.47150	0.49072	0.50023
SD :		0.078	0.055	0.094	0.068
.....					
THYMUS	n:	23	19	19	25
MEAN WEIGHT (g):		0.27943	0.25742	0.26916	0.28688
SD :		0.069	0.044	0.059	0.039
MEAN % BODY :		0.45524	0.41567	0.45738	0.42769
SD :		0.068	0.053	0.062	0.062

 #/##):DUNN'S TEST AT 5% (#) OR 1% (##) LEVEL

Assigned control group(s) : 1,

Table: 26 (continued)

 SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

F1 PUPS

SEX: FEMALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	22	20	19	25
FINAL BODY WEIGHT	n:	22	20	19	25
MEAN WEIGHT (g):		57.03	57.19	58.36	63.62*
SD :		10.42	9.36	7.54	7.26
.....					
BRAIN	n:	22	20	19	25
MEAN WEIGHT (g):		1.46	1.42	1.46	1.49
SD :		0.100	0.283	0.052	0.075
MEAN % BODY :		2.62	2.52	2.54	2.36#
SD :		0.415	0.570	0.275	0.247
.....					
SPLEEN	n:	22	20	19	25
MEAN WEIGHT (g):		0.27086	0.34270	0.29342	0.31180
SD :		0.066	0.258	0.061	0.053
MEAN % BODY :		0.47119	0.60651	0.50102	0.49254
SD :		0.070	0.458	0.070	0.076
.....					
THYMUS	n:	22	20	19	25
MEAN WEIGHT (g):		0.27668	0.27025	0.27705	0.30156
SD :		0.076	0.045	0.056	0.037
MEAN % BODY :		0.48115	0.47447	0.47531	0.47740
SD :		0.092	0.050	0.079	0.060
.....					

#/##):DUNN'S TEST AT 5% (#) OR 1% (##) LEVEL

*/**):DUNNETT'S TEST BASED ON POOLED VARIANCES AT 5% (*) OR 1% (**) LEVEL

Assigned control group(s) : 1,

Table: 27

```

-----
NUMBER OF ANIMALS WITH NECROPSY FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0
FO PARENTS
-----
ORGAN/FINDING          DOSE GROUP:  1    2    3    4
                      ANIM.EXAM.: 25   25   25   25
-----
ADRENAL GLANDS        :
- REDUCED IN SIZE     :  -    1    -    -
.....
EPIDIDYMIS, RIGHT    :
- ENLARGED            :  -    -    -    1
.....
KIDNEYS              :
- GREY/GREEN COLOR    :  -    1    1    4
- PALENESS            :  -    -    -    2
.....
LIVER                 :
- ACCENTUATED LOBULAR PATTERN :  3    -    -    -
- ENLARGED            :  -    -    -    3
- PALENESS            :  -    1    -    1
.....
SEMINAL VESICLES     :
- ENLARGED            :  -    -    -    1
.....
SPLEEN               :
- GRANULAR SURFACE    :  -    -    -    2
.....
THYROID GLANDS       :
- ENLARGED            :  -    1    -    -
.....
    
```


Table: 27 (continued)

```

-----
NUMBER OF ANIMALS WITH NECROPSY FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS                                     FEMALE
FO PARENTS
-----
ORGAN/FINDING          DOSE GROUP:  1    2    3    4
                    ANIM.EXAM.: 25   25   25   25
-----
ADRENAL GLANDS          :
- ENLARGED              :  -    1    -    -
.....
KIDNEYS                 :
- SEROUS CYSTS          :  -    -    -    1
.....
MANDIBUL. LYMPH NODE    :
- FOCI REDDISH/PURPLISH :  1    -    -    -
- REDDISH COLOR         :  -    -    -    1
.....
PALPABLE MASSES         :
- MASSES GREYISH/WHITISH : -    -    -    1
.....
SKIN                    :
- ALOPECIA              :  1    -    1    -
.....
THYMUS                  :
- REDDISH COLOR         :  1    -    -    -
- REDUCED IN SIZE       :  3    5    7    5
.....
THYROID GLANDS         :
- REDUCED IN SIZE       :  -    1    -    1
.....
UTERUS                  :
- DILATATION            :  2    3    -    4
- MASSES REDDISH/PURPLISH : -    -    1    -
- SEROUS CONTENTS       :  2    4    -    5
.....
VAGINA                  :
- TRANSLUCENT CONTENTS  :  -    -    1    -
-----
    
```

Table: 28

```

-----
NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
-----
                SEX          :                               MALE
                DOSE GROUP:   1     2     3     4
                NO.ANIMALS:  25   25   25   25
-----
ADRENAL GLANDS      :   25   -   -   24
- Vacuol.Cortical cell:   -   -   -   2
- Altered Cell Foci  :   -   -   -   1
-----
EPIDIDYMIS, RIGHT  :   25   -   -   25
- Spermatic granuloma :   -   -   -   1
-----
KIDNEYS             :   -   -   -   6
- Tubular Basophilia :   -   -   -   4
- Peritubular Fibrosis:  -   -   -   3
- Aci.Glob.Cor.Tub.Ep.:  -   -   -   5
- Proteinaceous casts :   -   -   -   1
- Inters.Mono.Cel.Agg.:  -   -   -   2
-----
LIVER               :   1   -   -   3
- Hepatocel.Hypertrop.:  -   -   -   3
-----
PITUITARY GLAND     :   25   -   -   25
- Development. Cyst(S):   1   -   -   -
-----
PROSTATE            :   25   -   -   25
- Inters.Mono.Cel.Agg.:   7   -   -   6
- Subacute Prostatitis:   -   -   -   1
-----
SPLEEN              :   -   -   -   2
- Capsular Thickening :   -   -   -   1
-----
TESTES              :   25   -   -   25
- Tailed sperm.norm.n.:  25   -   -   25
- Round sperm.norm.nu.:  25   -   -   25
- Spermatoocytes norm.n.: 25   -   -   25
- Spermato gon.norm.n. :  25   -   -   25
- Dif.stag.sper.cyc.p.:  25   -   -   25
- Desquamat.spermatoc.:   8   -   -   1
- Deg.seminifer.tubul.:   2   -   -   2
-----
    
```

Table: 28 (continued)

NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX				
STATUS AT NECROPSY: K0, INCL. DEATHS				

SEX	:			FEMALE
DOSE GROUP:		1	2	3
NO. ANIMALS:		25	25	25

MANDIBUL. LYMPH NODE	:	1	-	1
- Plasmocytosis	:	1	-	1
- Sinusal hemorrhage	:	1	-	1

OVARIES	:	25	-	25
- Proestrus	:	5	-	9
- Estrus	:	3	-	2
- Metestrus	:	7	-	8
- Diestrus	:	9	-	6
- Few corpora lutea	:	1	-	-
- Few follic.develop.	:	1	-	-

PALPABLE MASSES	:	-	-	1
- Mammary ductul.carc.:		-	-	1

PITUITARY GLAND	:	24	-	25
- Development. Cyst(S)	:	1	-	-

THYMUS	:	4	-	5
- Lymphoid Depletion	:	1	-	2
- Interstit.hemorrhage:		3	-	-

THYROID GLANDS	:	-	-	1
- Development. Cyst(s)	:	-	-	1

UTERUS	:	25	-	25
- Proestrus	:	5	-	9
- Estrus	:	3	-	2
- Metestrus	:	7	-	8
- Diestrus	:	9	-	6
- End.epith.c.atrophy	:	1	-	-
- Yell.pigm.lad.macro.:		2	-	-
- Dilated Lumen	:	2	-	6

Table: 28 (continued)

 NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
 STATUS AT NECROPSY: K0, INCL. DEATHS

SEX :	FEMALE			
DOSE GROUP:	1	2	3	4
NO. ANIMALS:	25	25	25	25
VAGINA :	25	-	-	24
- Proestrus :	5	-	-	8
- Estrus :	3	-	-	2
- Metestrus :	7	-	-	8
- Diestrus :	9	-	-	6
- Mucific.Vagin.Epith.:	1	-	-	-

Table: 29

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 1, MALE

NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING
	ANIMAL NO: B29204
LIVER - 01: Accentuated lobular pattern.	- NOT SPECIFIED.
	ANIMAL NO: B29207
LIVER - 01: Accentuated lobular pattern.	- NOT SPECIFIED.
	ANIMAL NO: B29224
LIVER - 01: Accentuated lobular pattern.	- NOTHING ABNORMAL DISCOVERED.

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY		DOSE GROUP 1, FEMALE
NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING	
		ANIMAL NO: B29607
THYMUS		
- 01: Reduced in size.	-	NOTHING ABNORMAL DISCOVERED.
.....		
		ANIMAL NO: B29608
THYMUS		
- 01: Right lobe: reddish color.	-	Interstitial hemorrhage, grade 2.
.....		
		ANIMAL NO: B29609
SKIN		
- 01: Alopecia, diffuse, (a).	-	NOTHING ABNORMAL DISCOVERED.
THYMUS		
- 01: Reduced in size.	-	Lymphoid depletion, grade 2.
.....		
		ANIMAL NO: B29611
MANDIBUL. LYMPH NODE		
- 01: Foci reddish/purplish, many, punctiform, (a).	-	Sinusal hemorrhage, bilateral, grade 2.
.....		
		ANIMAL NO: B29614
UTERUS		
- 01: Both horns: dilatation, serous contents.	-	Proestrus. Dilated lumen, grade 2.
.....		

Table: 29 (continued)

----- CORRELATION TABLE: NECROPSY - MICROSCOPY -----		DOSE GROUP 1, FEMALE
NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING	
		ANIMAL NO: B29616
THYMUS		
- 01: Reduced in size.	-	NOTHING ABNORMAL DISCOVERED.
.....		
		ANIMAL NO: B29620
UTERUS		
- 01: Both horns: dilatation, serous contents.	-	Proestrus. Dilated lumen, grade 4.
.....		

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY		DOSE GROUP 2, MALE
NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING	
		ANIMAL NO: B29228
	
KIDNEYS		
- 01: Grey/green color.	- NOT SPECIFIED.	
.....		
		ANIMAL NO: B29238
	
ADRENAL GLANDS		
- 01: Right: reduced in size.	- NOT SPECIFIED.	
.....		
		ANIMAL NO: B29240
	
LIVER		
- 01: Paleness.	- NOT SPECIFIED.	
.....		
		ANIMAL NO: B29241
	
THYROID GLANDS		
- 01: Enlarged.	- NOT SPECIFIED.	
.....		

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 2, FEMALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29626

ADRENAL GLANDS

- 01: Enlarged. - NOT SPECIFIED.

ANIMAL NO: B29629

THYMUS

- 01: Reduced in size. - NOT SPECIFIED.

ANIMAL NO: B29631

UTERUS

- 01: Both horns: serous contents. - NOT SPECIFIED.

ANIMAL NO: B29638

UTERUS

- 01: Both horns: dilatation, serous contents. - NOT SPECIFIED.

ANIMAL NO: B29640

THYROID GLANDS

- 01: Reduced in size. - NOT SPECIFIED.

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 2, FEMALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29642

THYMUS

- 01: Reduced in size. - NOT SPECIFIED.

ANIMAL NO: B29643

THYMUS

- 01: Reduced in size. - NOT SPECIFIED.

UTERUS

- 01: Both horns: dilatation, serous - NOT SPECIFIED.
contents.

ANIMAL NO: B29644

THYMUS

- 01: Reduced in size. - NOT SPECIFIED.

ANIMAL NO: B29648

THYMUS

- 01: Reduced in size. - NOT SPECIFIED.

ANIMAL NO: B29649

UTERUS

- 01: Both horns: dilatation, serous - NOT SPECIFIED.
contents.

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY		DOSE GROUP 3, MALE
NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING	
		ANIMAL NO: B29267
	
KIDNEYS		
- 01: Grey/green color.	- NOT SPECIFIED.	
.....		

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 3, FEMALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29655
.....

THYMUS
- 01: Reduced in size. - NOT SPECIFIED.

.....

ANIMAL NO: B29657
.....

THYMUS
- 01: Reduced in size. - NOT SPECIFIED.

.....

ANIMAL NO: B29658
.....

THYMUS
- 01: Reduced in size. - NOT SPECIFIED.

.....

ANIMAL NO: B29660
.....

THYMUS
- 01: Reduced in size. - NOT SPECIFIED.

.....

ANIMAL NO: B29663
.....

THYMUS
- 01: Reduced in size. - NOT SPECIFIED.

.....

ANIMAL NO: B29664
.....

THYMUS
- 01: Reduced in size. - NOT SPECIFIED.

.....

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 3, FEMALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29665

SKIN

- 01: Forelimbs, alopecia, approx 1 cm long, approx 0.5 cm wide, (a).
.....

ANIMAL NO: B29668

UTERUS

- 01: Right horn: cranial part, mass reddish/purplish, approx 1.5 cm long, approx 1 cm wide, firm, homogenous.
.....

ANIMAL NO: B29670

THYMUS

- 01: Reduced in size. - NOT SPECIFIED.
.....

ANIMAL NO: B29673

VAGINA

- 01: Translucent contents, thick. - NOT SPECIFIED.
.....

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY		DOSE GROUP 4, MALE
NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING	
		ANIMAL NO: B29276
KIDNEYS - 01: Paleness.	- Tubular basophilia, bilateral, grade 3.	
SPLEEN - 01: Granular surface.	- Capsular thickening, grade 2.	
		ANIMAL NO: B29277
SPLEEN - 01: Granular surface.	- NOTHING ABNORMAL DISCOVERED.	
		ANIMAL NO: B29278
KIDNEYS - 01: Grey/green color.	- Acidophilic globules in cortical tubular epithelium, bilateral, grade 2.	
LIVER - 01: Enlarged.	- Hepatocellular hypertrophy, grade 3.	
		ANIMAL NO: B29280
KIDNEYS - 01: Grey/green color.	- Acidophilic globules in cortical tubular epithelium, bilateral, grade 3.	
SEMINAL VESICLES - 01: Enlarged.	- NOTHING ABNORMAL DISCOVERED.	

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY		DOSE GROUP 4, MALE
NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING	
		ANIMAL NO: B29281
KIDNEYS - 01: Grey/green color.	- Acidophilic globules in cortical tubular epithelium, bilateral, grade 2.	
LIVER - 01: Enlarged.	- Hepatocellular hypertrophy, grade 2.	
		ANIMAL NO: B29285
KIDNEYS - 01: Grey/green color.	- Acidophilic globules in cortical tubular epithelium, bilateral, grade 3.	
		ANIMAL NO: B29289
LIVER - 01: Enlarged.	- NOT SPECIFIED.	
		ANIMAL NO: B29294
KIDNEYS - 01: Paleness.	- Acidophilic globules in cortical tubular epithelium, bilateral, grade 3.	

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 4, MALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29295

.....

LIVER

- 01: Paleness.

- NOTHING ABNORMAL DISCOVERED.

.....

ANIMAL NO: B29298

.....

EPIDIDYMIS, RIGHT

- 01: Enlarged.

- NOTHING ABNORMAL DISCOVERED.

.....

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 4, FEMALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29676
.....

KIDNEYS

- 01: Left: serous cyst, approx 0.2 cm in diameter. - NOTHING ABNORMAL DISCOVERED.

THYMUS

- 01: Reduced in size. - Lymphoid depletion, grade 2.
.....

ANIMAL NO: B29681
.....

THYMUS

- 01: Reduced in size. - NOTHING ABNORMAL DISCOVERED.
.....

ANIMAL NO: B29682
.....

THYROID GLANDS

- 01: Reduced in size. - NOTHING ABNORMAL DISCOVERED.
.....

ANIMAL NO: B29685
.....

UTERUS

- 01: Both horns: dilatation, serous contents. - Proestrus. Dilated lumen, grade 4.
.....

ANIMAL NO: B29686
.....

MANDIBUL. LYMPH NODE

- 01: Reddish color. - Sinusal hemorrhage, bilateral, grade 2.

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 4, FEMALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

UTERUS

- 01: Both horns: dilatation, serous - Proestrus. Dilated lumen, grade 3.
contents.

ANIMAL NO: B29688

UTERUS

- 01: Both horns: dilatation, serous - Proestrus. Dilated lumen, grade 2.
contents.

ANIMAL NO: B29690

THYMUS

- 01: Reduced in size. - NOTHING ABNORMAL DISCOVERED.

ANIMAL NO: B29694

THYMUS

- 01: Reduced in size - NOTHING ABNORMAL DISCOVERED.

UTERUS

- 01: Both horns: serous contents. - Proestrus.

ANIMAL NO: B29695

UTERUS

- 01: both horns: dilatation, serous - Proestrus. Dilated lumen, grade 4.
contents.

Table: 29 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 4, FEMALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29696
.....

PALPABLE MASSES

- 01: Observed in vivo, 2213: mass - Mammary ductular
greyish/whitish, approx 2 cm carcinoma, (malignant neoplasm).
long, approx 1 cm wide, firm,
homogenous, (811 812).
.....

ANIMAL NO: B29698
.....

THYMUS

- 01: Reduced in size. - Lymphoid depletion, grade 2.
.....

Table 30

Summary table - F0 parents

**Total number of primordial follicles counted for the two ovaries
Number of animals with up to ten or a multiple of ten primordial follicles**

Dose-level (mg/kg/day)	0	1000
$0 \leq n \leq 10$	4 / 25	2 / 25
$10 < n \leq 20$	13 / 25	7 / 25
$20 < n \leq 30$	4 / 25	10 / 25
$30 < n \leq 40$	1 / 25	3 / 25
$40 < n \leq 50$	3 / 25	3 / 25
Total number of animals	25 / 25	25 / 25
Number of animals with up to 50 primordial follicles	25 / 25	25 / 25

Table 31

Summary table - F0 parents

**Total number of growing follicles counted for the two ovaries
Number of animals with up to three or a multiple of three growing follicles**

Dose-level (mg/kg/day)	0	1000
$0 \leq n \leq 3$	24 / 25	25 / 25
$3 < n \leq 6$	1 / 25	0 / 25
Total number of animals	25 / 25	25 / 25
Number of animals with up to 6 growing follicles	25 / 25	25 / 25

Table: 32

F1 GENERATION
CLINICAL SIGNS (Summary table/Males)

MALES				
Dose (mg/kg/day)	0	250	500	1000
Mortality				
DECISION OF SACRIFICE	1	0	0	0
FOUND DEAD (after treatment)	0	0	1	0
FINAL SACRIFICE	24	25	24	25
General aspect				
ROUND BACK	1	0	0	0
EMACIATED APPEARANCE	1	0	0	0
PILOERECTION	1	0	0	0
COLD TO THE TOUCH	1	0	0	0
Behaviour				
HYPOKINESIA	1	0	0	0
Breathing				
DYSPNEA	1	0	0	0
Secretion/Excretion				
PITYALISM immediately post-dosing	11	21	24	25
PITYALISM 1 hour post-dosing	0	5	6	9
REGURGITATION	1	1	0	0
CHROMODACRYORRHEA	1	0	1	0
SOFT FAECES	0	0	1	0
Skin				
CUTANEOUS LESION ON NECK DORSAL AREA	0	3	4	3
CUTANEOUS LESION ON NECK VENTRAL AREA	1	0	0	0
Miscellaneous				
ABNORMAL GROWTH OF TEETH (cut regulary)	0	1	3	1
Normal				
NO REMARKABLE OBSERVATIONS	10	3	0	0

Table: 33

F1 GENERATION

CLINICAL SIGNS (Summary table/Females/Premating period)

FEMALES

Dose (mg/kg/day)	0	250	500	1000
Mortality				
FOUND DEAD (after treatment)	0	0	0	1
FINAL SACRIFICE (no mating)	1	1	0	3
Secretion/Excretion				
PITYALISM immediately post-dosing	2	10	17	22
REGURGITATION	0	1	0	1
CHROMODACRYORRHEA	1	0	0	0
Skin				
CUTANEOUS LESION ON NECK DORSAL AREA	1	0	0	0
AREA OF HAIR LOSS ON THORAX	0	0	0	1
AREA OF HAIR LOSS ON NECK VENTRAL AREA	0	0	0	1
AREA OF HAIR LOSS ON FORELIMB	0	0	0	1
Miscellaneous				
NECROSED TAIL	1	0	0	1
Normal				
NO REMARKABLE OBSERVATIONS	20	15	8	3

Table: 34

F1 GENERATION

CLINICAL SIGNS (Summary table/Females/Pregnancy period)

Dose (mg/kg/day)	0	250	500	1000
Mortality				
FINAL SACRIFICE (no delivery)	3	3	3	1
Secretion/Excretion				
PTYALISM immediately post-dosing	0	2	4	10
Miscellaneous				
NECROSED TAIL	1	0	0	2
Normal				
NO REMARKABLE OBSERVATIONS	23	22	21	10

Table: 35

F1 GENERATION

CLINICAL SIGNS (Summary table/Females/Lactation period)

Dose (mg/kg/day)	0	250	500	1000
Mortality				
FINAL SACRIFICE	21	20	22	19
DECISION SACRIFICE (dead litter)	0	1	0	1
Breathing				
DYSPNEA	0	0	1	0
LOUD BREATHING	0	0	1	0
ABDOMINAL BREATHING	0	0	1	0
Secretion/Excretion				
PTYALISM immediately post-dosing	0	2	4	9
Skin				
AREA OF HAIR LOSS ON NECK VENTRAL AREA	0	0	0	1
Miscellaneous				
NECROSED TAIL	1	0	0	2
ABNORMAL GROWTH OF TEETH (cut regulary)	1	0	0	0
MASS ON MAMMARY GLAND	0	0	0	1
Normal				
NO REMARKABLE OBSERVATIONS	19	19	18	9

Table: 36

F1 GENERATION
BODY WEIGHTS (Mean values/Grams/Males)

MALES

		Dose (mg/kg/day)	0	250	500	1000
Day 1	MEAN		54 d	55	54	56
	S.D.		5	5	8	6
	N		25	25	25	25
Day 8	MEAN		91 d	91	91	93
	S.D.		8	8	12	10
	N		25	25	25	25
Day 15	MEAN		147 d	147	147	152
	S.D.		14	11	21	17
	N		25	25	25	25
Day 22	MEAN		210 d	211	214	217
	S.D.		18	14	30	24
	N		25	25	25	25
Day 29	MEAN		269 d	268	273	275
	S.D.		23	19	39	29
	N		25	25	25	25
Day 36	MEAN		322 d	329	333	337
	S.D.		35	22	46	33
	N		25	25	25	25
Day 43	MEAN		375 d	378	384	386
	S.D.		32	24	50	37
	N		24	25	25	25
Day 50	MEAN		411 d	417	422	423
	S.D.		36	26	55	39
	N		24	25	25	25
Day 57	MEAN		442 d	450	457	457
	S.D.		40	31	59	43
	N		24	25	25	25
Day 64	MEAN		468 d	477	485	484
	S.D.		42	34	64	45
	N		24	25	25	25
Day 71	MEAN		485 d	490	504	502
	S.D.		43	34	68	46
	N		24	25	25	25

Statistical key: d=ANOVA + Dunnett-test

Table: 36 (continued)

F1 GENERATION
BODY WEIGHTS (Mean values/Grams/Males)

MALES

		Dose (mg/kg/day)	0	250	500	1000
Day 78	MEAN		506 d	509	530	524
	S.D.		47	37	70	50
	N		24	25	25	25
Day 85	MEAN		523 d	526	548	540
	S.D.		48	40	70	50
	N		24	25	25	25
Day 92	MEAN		538 d	543	564	551
	S.D.		49	41	71	50
	N		24	25	25	25
Day 99	MEAN		554 d	557	579	564
	S.D.		51	45	73	52
	N		24	25	24	25
Day 106	MEAN		568 d	570	589	579
	S.D.		53	48	78	56
	N		24	25	24	25
Day 113	MEAN		580 d	581	600	588
	S.D.		54	46	82	57
	N		24	25	24	25
Day 120	MEAN		591 d	590	606	597
	S.D.		56	47	83	58
	N		24	25	24	25

Statistical key: d=ANOVA + Dunnett-test

Table: 37

F1 GENERATION
BODY WEIGHT CHANGE (Mean values/Grams/Males)

MALES

Dose (mg/kg/day)		0	250	500	1000
Day 1 TO 8	MEAN	37 d	36	36	37
	S.D.	5	3	5	5
	N	25	25	25	25
mean percent change	MEAN%	68.6	67.0	67.3	67.0
Day 8 TO 15	MEAN	56 d	56	56	59
	S.D.	7	6	9	8
	N	25	25	25	25
mean percent change	MEAN%	61.6	61.4	62.0	63.1
Day 15 TO 22	MEAN	63 d	63	67	65
	S.D.	7	5	10	9
	N	25	25	25	25
mean percent change	MEAN%	43.0	43.3	45.4	42.5
Day 22 TO 29	MEAN	59 d	58	59	58
	S.D.	7	7	11	10
	N	25	25	25	25
mean percent change	MEAN%	27.9	27.3	27.6	26.9
Day 29 TO 36	MEAN	53 d	61	61	62
	S.D.	22	6	8	8
	N	25	25	25	25
mean percent change	MEAN%	19.9	22.7	22.3	22.7
Day 36 TO 43	MEAN	48 d	49	51	49
	S.D.	10	7	8	9
	N	24	25	25	25
mean percent change	MEAN%	14.7	14.9	15.4	14.5
Day 43 TO 50	MEAN	36 d	39	39	38
	S.D.	9	5	8	9
	N	24	25	25	25
mean percent change	MEAN%	9.6	10.4	10.0	9.8
Day 50 TO 57	MEAN	31 d	33	35	34
	S.D.	6	7	8	6
	N	24	25	25	25
mean percent change	MEAN%	7.6	7.8	8.2	8.0
Day 57 TO 64	MEAN	26 d	27	28	27
	S.D.	6	7	9	5
	N	24	25	25	25
mean percent change	MEAN%	5.9	5.9	6.0	5.9

Statistical key: d=ANOVA + Dunnett-test

Table: 37 (continued)

F1 GENERATION
BODY WEIGHT CHANGE (Mean values/Grams/Males)

MALES

Dose (mg/kg/day)			0	250	500	1000
Day 64 TO 71	MEAN		17 d	13	19	18
	S.D.		6	8	8	5
	N		24	25	25	25
mean percent change	MEAN%		3.7	2.8	4.0	3.8
Day 71 TO 78	MEAN		21 d	19	26	22
	S.D.		12	11	8	7
	N		24	25	25	25
mean percent change	MEAN%		4.2	3.9	5.2	4.3
Day 78 TO 85	MEAN		17 d	18	18	16
	S.D.		9	7	8	7
	N		24	25	25	25
mean percent change	MEAN%		3.4	3.5	3.5	3.0
Day 85 TO 92	MEAN		14 d	16	16	11
	S.D.		6	6	11	17
	N		24	25	25	25
mean percent change	MEAN%		2.8	3.1	3.0	2.1
Day 92 TO 99	MEAN		16 d	14	15	14
	S.D.		5	6	5	14
	N		24	25	24	25
mean percent change	MEAN%		3.0	2.5	2.8	2.5
Day 99 TO 106	MEAN		14 d	13	9	15
	S.D.		6	8	19	7
	N		24	25	24	25
mean percent change	MEAN%		2.5	2.4	1.6	2.6
Day 106 TO 113	MEAN		12 d	12	12	9
	S.D.		6	6	8	7
	N		24	25	24	25
mean percent change	MEAN%		2.1	2.1	1.9	1.6
Day 113 TO 120	MEAN		11 d	8	6	9
	S.D.		7	6	25	4
	N		24	25	24	25
mean percent change	MEAN%		1.8	1.4	1.1	1.5
Day 1 TO 113	MEAN		526 d	527	546	533
	S.D.		54	44	75	53
	N		24	25	24	25
mean percent change	MEAN%		980.5	968.9	1006.6	956.9

Statistical key: d=ANOVA + Dunnett-test

Table: 37 (continued)

F1 GENERATION

BODY WEIGHT CHANGE (Mean values/Grams/Males)

MALES

Dose (mg/kg/day)		0	250	500	1000	
Day	1 TO 64	MEAN	414 d	422	430	428
		S.D.	43	32	58	42
		N	24	25	25	25
mean percent change	MEAN%	772.0	775.9	797.5	769.0	

Statistical key: d=ANOVA + Dunnett-test

Table: 38

F1 GENERATION
BODY WEIGHTS (Mean values/Grams/Females/Premating period)

FEMALES

Dose (mg/kg/day)			0	250	500	1000
Day 1	MEAN		52 d	53	50	54
	S.D.		5	4	7	5
	N		25	25	25	25
Day 8	MEAN		84 d	86	81	87
	S.D.		9	8	8	8
	N		25	25	25	25
Day 15	MEAN		127 d	129	123	132
	S.D.		13	11	12	12
	N		25	25	25	25
Day 22	MEAN		162 d	165	159	167
	S.D.		14	12	13	14
	N		25	25	25	25
Day 29	MEAN		185 d	188	182	191
	S.D.		16	14	14	16
	N		25	25	25	25
Day 36	MEAN		205 d	208	203	213
	S.D.		19	17	16	20
	N		25	25	25	25
Day 43	MEAN		224 d	224	219	231
	S.D.		19	21	17	22
	N		25	25	25	25
Day 50	MEAN		243 d	242	238	245
	S.D.		22	23	20	24
	N		25	25	25	24
Day 57	MEAN		266 d	256	255	261
	S.D.		28	28	25	29
	N		25	25	25	24
Day 64	MEAN		274 d	267	264	268
	S.D.		26	29	21	29
	N		25	25	25	24

Statistical key: d=ANOVA + Dunnett-test

Table: 39

F1 GENERATION

BODY WEIGHT CHANGE (Mean values/Grams/Females/Premating period)

FEMALES

Dose (mg/kg/day)		0	250	500	1000
Day 1 TO 8	MEAN	32 d	32	31	34
	S.D.	5	4	4	5
	N	25	25	25	25
	mean percent change	MEAN%	61.5	60.6	63.4	63.2
Day 8 TO 15	MEAN	43 d	43	42	44
	S.D.	5	5	5	5
	N	25	25	25	25
	mean percent change	MEAN%	51.6	50.3	51.4	50.4
Day 15 TO 22	MEAN	35 d	36	36	36
	S.D.	5	6	5	7
	N	25	25	25	25
	mean percent change	MEAN%	27.8	28.5	29.3	27.4
Day 22 TO 29	MEAN	23 d	22	23	23
	S.D.	4	4	4	6
	N	25	25	25	25
	mean percent change	MEAN%	14.3	13.6	14.8	14.1
Day 29 TO 36	MEAN	19 d	20	20	22
	S.D.	7	7	6	7
	N	25	25	25	25
	mean percent change	MEAN%	10.4	10.7	11.1	11.3
Day 36 TO 43	MEAN	19 d	17	16	19
	S.D.	4	7	5	6
	N	25	25	25	25
	mean percent change	MEAN%	9.2	7.9	8.0	8.8
Day 43 TO 50	MEAN	19 d	17	19	16
	S.D.	8	6	6	8
	N	25	25	25	24
	mean percent change	MEAN%	8.5	7.7	8.7	6.9
Day 50 TO 57	MEAN	23 d	14**	17	16
	S.D.	10	10	11	10
	N	25	25	25	24
	mean percent change	MEAN%	9.4	5.8	7.3	6.6
Day 57 TO 64	MEAN	9 d	11	9	7
	S.D.	11	11	8	8
	N	25	25	25	24
	mean percent change	MEAN%	3.4	4.3	3.7	2.8

Statistical key: d=ANOVA + Dunnett-test ** = p<0.01

Table: 39 (continued)

F1 GENERATION

BODY WEIGHT CHANGE (Mean values/Grams/Females/Premating period)

FEMALES

Dose (mg/kg/day)		0	250	500	1000	
Day	1 TO 64	MEAN	222 d	213	214	215
		S.D.	26	28	19	28
		N	25	25	25	24
mean percent change	MEAN%	431.1	400.5	432.8	401.7	

Statistical key: d=ANOVA + Dunnett-test

Table: 40

F1 GENERATION

BODY WEIGHT (Mean values/grams/Females/Pregnancy period)

Dose (mg/kg/day)		0	250	500	1000
DAY 0	MEAN	283 d	278	273	277
	S.D.	25	30	22	28
	N	21	21	22	20
DAY 7	MEAN	314 d	310	302	306
	S.D.	28	30	27	29
	N	21	21	22	20
DAY 14	MEAN	348 d	344	335	339
	S.D.	31	30	31	30
	N	21	21	22	20
DAY 20	MEAN	429 d	424	413	413
	S.D.	37	32	39	32
	N	21	21	22	20

Statistical key: d=ANOVA + Dunnett-test

Table: 41

F1 GENERATION

BODY WEIGHT CHANGE (Mean values/grams/Females/Pregnancy period)

Dose (mg/kg/day)		0	250	500	1000
DAYS 0 TO 7	MEAN	31 d	31	30	29
	S.D.	9	9	9	6
	N	21	21	22	20
	mean percent change	MEAN%	11.1	11.5	10.8	10.7
DAYS 7 TO 14	MEAN	34 d	34	33	33
	S.D.	7	6	8	6
	N	21	21	22	20
	mean percent change	MEAN%	11.0	11.2	10.8	10.8
DAYS 14 TO 20	MEAN	80 d	80	78	74
	S.D.	12	7	14	10
	N	21	21	22	20
	mean percent change	MEAN%	23.1	23.3	23.4	22.1
DAYS 0 TO 20	MEAN	146 d	145	141	137
	S.D.	21	15	21	12
	N	21	21	22	20
	mean percent change	MEAN%	51.9	52.9	51.5	49.8

Statistical key: d=ANOVA + Dunnett-test

Table: 42

F1 GENERATION

BODY WEIGHT (Mean values/grams/Females/Lactation period)

Dose (mg/kg/day)		0	250	500	1000
DAY 1	MEAN	340 d	333	326	325
	S.D.	38	28	31	32
	N	21	21	22	20
DAY 7	MEAN	346 d	340	334	336
	S.D.	34	28	30	28
	N	21	20	22	19
DAY 14	MEAN	348 d	352	344	350
	S.D.	34	30	31	26
	N	21	20	22	19
DAY 21	MEAN	336 d	336	330	336
	S.D.	24	23	28	21
	N	21	20	22	19

Statistical key: d=ANOVA + Dunnett-test

Table: 43

F1 GENERATION

BODY WEIGHT CHANGE (Mean values/grams/Females/Lactation period)

Dose (mg/kg/day)		0	250	500	1000
DAYS 1 TO 7	MEAN	6 d	8	8	12
	S.D.	16	10	13	10
	N	21	20	22	19
	mean percent change	MEAN%	1.9	2.5	2.7	3.9
DAYS 7 TO 14	MEAN	3 d	12*	10	13*
	S.D.	16	11	10	8
	N	21	20	22	19
	mean percent change	MEAN%	1.4	3.0	2.8	4.0
DAYS 14 TO 21	MEAN	-12 d	-15	-14	-13
	S.D.	18	13	14	8
	N	21	20	22	19
	mean percent change	MEAN%	-0.1	0.6	0.6	1.4

Statistical key: d=ANOVA + Dunnett-test * = p<0.05

Table: 44

F1 GENERATION
FOOD CONSUMPTION (Mean values/Grams per day/Males)

MALES

Dose (mg/kg/day)			0	250	500	1000
Day 1 TO 8	MEAN	14 d	14	14	14	14
	S.D.		3	2	2	2
	N		25	25	25	25
Day 8 TO 15	MEAN	19 d	19	19	19	19
	S.D.		2	2	3	2
	N		25	25	25	25
Day 15 TO 22	MEAN	25 d	25	25	26	26
	S.D.		2	2	3	3
	N		25	25	25	25
Day 22 TO 29	MEAN	27 d	26	26	28	27
	S.D.		2	2	4	3
	N		25	25	25	25
Day 29 TO 36	MEAN	28 d	28	28	29	30
	S.D.		3	2	4	3
	N		25	25	25	25
Day 36 TO 43	MEAN	29 d	29	29	29	30
	S.D.		3	2	4	3
	N		24	25	25	25
Day 43 TO 50	MEAN	27 d	27	27	28	29
	S.D.		4	2	3	3
	N		24	25	25	25
Day 50 TO 57	MEAN	27 d	27	28	29	29*
	S.D.		3	2	3	2
	N		24	25	25	25
Day 57 TO 64	MEAN	26 d	26	27	28	29**
	S.D.		3	2	3	3
	N		24	25	25	25
Day 85 TO 92	MEAN	25 d	25	25	27	26
	S.D.		3	3	3	3
	N		24	24	25	25
Day 92 TO 99	MEAN	25 d	25	25	26	26
	S.D.		3	2	3	3
	N		24	25	24	25

Statistical key: d=ANOVA + Dunnett-test * = p<0.05 ** = p<0.01

Table: 44 (continued)

F1 GENERATION

FOOD CONSUMPTION (Mean values/Grams per day/Males)

MALES

Dose (mg/kg/day)			0	250	500	1000
Day 99 TO 106	MEAN		25 d	25	25	27
	S.D.		3	3	4	4
	N		24	25	24	25
Day 106 TO 113	MEAN		25 d	25	26	27*
	S.D.		2	2	5	3
	N		24	25	24	25
Day 113 TO 120	MEAN		24 d	24	25	26
	S.D.		3	2	6	3
	N		24	25	24	25

Statistical key: d=ANOVA + Dunnett-test * = p<0.05

Table: 45

F1 GENERATION

FOOD CONSUMPTION (Mean values/Grams per day/Females/Premating period)

FEMALES

Dose (mg/kg/day)			0	250	500	1000
Day 1 TO 8	MEAN	13 d	13	13	13	14
	S.D.		2	1	2	2
	N		25	25	24	25
Day 8 TO 15	MEAN	16 d	17	17	16	17
	S.D.		2	1	1	2
	N		25	25	25	25
Day 15 TO 22	MEAN	19 d	19	19	19	20
	S.D.		2	1	1	2
	N		25	25	25	25
Day 22 TO 29	MEAN	18 d	18	18	18	19
	S.D.		1	1	1	2
	N		25	25	25	25
Day 29 TO 36	MEAN	17 d	18	18	18	19
	S.D.		2	2	2	2
	N		25	25	25	25
Day 36 TO 43	MEAN	18 d	18	18	18	19
	S.D.		1	2	1	2
	N		25	25	25	25
Day 43 TO 50	MEAN	18 d	18	18	18	19
	S.D.		1	2	2	2
	N		25	25	25	24
Day 50 TO 57	MEAN	20 d	18	18	19	20
	S.D.		2	3	3	3
	N		25	25	25	24
Day 57 TO 64	MEAN	18 d	18	18	19	18
	S.D.		3	3	2	2
	N		25	25	25	24

Statistical key: d=ANOVA + Dunnett-test

Table: 46

F1 GENERATION

FOOD CONSUMPTION (Mean values/grams per day/Females/Pregnancy period)

Dose (mg/kg/day)		0	250	500	1000
DAYS 0 TO 7	MEAN	22 d	22	23	23
	S.D.	3	3	3	3
	N	21	21	22	20
DAYS 7 TO 14	MEAN	25 d	24	24	25
	S.D.	3	3	4	3
	N	21	21	22	20
DAYS 14 TO 20	MEAN	29 d	29	30	29
	S.D.	4	3	3	3
	N	21	21	22	20

Statistical key: d=ANOVA + Dunnett-test

Table: 47

F1 GENERATION

FOOD CONSUMPTION (Mean values/grams per day/Females/Lactation period)

Dose (mg/kg/day)		0	250	500	1000
DAYS 1 TO 7	MEAN	35 d	35	36	38
	S.D.	4	7	5	4
	N	21	20	22	19
DAYS 7 TO 14	MEAN	52 d	55	54	56
	S.D.	5	5	5	5
	N	21	20	22	19
DAYS 14 TO 21	MEAN	62 d	66	67	67
	S.D.	7	6	7	5
	N	21	20	22	19

Statistical key: d=ANOVA + Dunnett-test

Table 48

F 1 GENERATION
SUMMARY OF CLEAVAGE OF THE BALANOPREPUTIAL GLAND

Sex: male

	Dose-level (mg/kg/day)			
	0	250	500	1000
n	25	25	25	25
Mean age of appearance	35	34	35	35
SD	2	2	2	2
Mean body weight on				
positive days (grams)	135.0	132.6	136.8	138.3
SD	15.9	13.2	15.1	20.8

Table 49

**F 1 GENERATION
SUMMARY OF VAGINAL OPENING**

Sex: female

	Dose-level (mg/kg/day)			
	0	250	500	1000
n	25	25	25	25
Mean age of appearance	34	34	35	33
SD	3	3	2	2
Mean body weight on positive days (grams)	114.1	116.4	117.6	114.7
SD	17.7	17.1	11.1	17.5

Table 50

F 1 GENERATION
SUMMARY OF ACOUSTIC STARTLE RESPONSE

Sex: male

	Dose-level (mg/kg/day)			
	0	250	500	1000
n	25	25	25	25
Total of positive responses	25	25	25	25
% of positive responses	100	100	100	100

Sex: female

	Dose-level (mg/kg/day)			
	0	250	500	1000
n	25	25	25	25
Total of positive responses	25	25	25	25
% of positive responses	100	100	100	100

Table 52

**F1 GENERATION
SUMMARY OF MOTOR ACTIVITY
(First trial)**

Sex: male

		Dose-level (mg/kg/day)			
		0	250	500	1000
	n	25	25	25	25
Movements within the front of the cage	Mean	58	69	72	79
	SD	29	17	18	18
	Mean/1 min	6	7	7	8
	SD/1min	3	2	2	2
Back and forth movements	Mean	32	40	45	47
	SD	11	5	11	10
	Mean/1 min	3	4	4	5
	SD/1min	1	1	1	1
Movements within the back of the cage	Mean	64	70	74	78
	SD	24	19	21	20
	Mean/1 min	6	7	7	8
	SD/1min	2	2	2	2
Vertical movements	Mean	84	106	108	105
	SD	33	22	23	21
	Mean/1 min	8	11	11	11
	SD/1min	3	2	2	2

Table 53

**F1 GENERATION
SUMMARY OF MOTOR ACTIVITY
(First trial)**

Sex: female

		Dose-level (mg/kg/day)			
		0	250	500	1000
	n	25	25	25	25
Movements within the front of the cage	Mean	96	112	100	106
	SD	25	23	19	29
	Mean/1 min	10	11	10	11
	SD/1min	2	2	2	3
Back and forth movements	Mean	46	59	54	55
	SD	12	9	11	14
	Mean/1 min	5	6	5	5
	SD/1min	1	1	1	1
Movements within the back of the cage	Mean	92	105	102	101
	SD	25	25	19	28
	Mean/1 min	9	10	10	10
	SD/1min	3	2	2	3
Vertical movements	Mean	118	137	134	111
	SD	27	21	32	32
	Mean/1 min	12	14	13	11
	SD/1min	3	2	3	3

Table 54

**F1 GENERATION
SUMMARY OF MOTOR ACTIVITY
(Second trial)**

Sex: male

		Dose-level (mg/kg/day)			
		0	250	500	1000
	n	25	25	25	25
Movements within the front of the cage	Mean	65	64	69	66
	SD	22	18	13	18
	Mean/1 min	7	6	7	7
	SD/1min	2	2	1	2
Back and forth movements	Mean	37	41	41	44
	SD	11	11	9	12
	Mean/1 min	4	4	4	4
	SD/1min	1	1	1	1
Movements within the back of the cage	Mean	67	63	67	70
	SD	21	18	22	19
	Mean/1 min	7	6	7	7
	SD/1min	2	2	2	2
Vertical movements	Mean	88	94	93	95
	SD	30	20	19	15
	Mean/1 min	9	9	9	10
	SD/1min	3	2	2	1

Table 55

**F1 GENERATION
SUMMARY OF MOTOR ACTIVITY
(Second trial)**

Sex: female

		Dose-level (mg/kg/day)			
		0	250	500	1000
	n	25	25	25	25
Movements within the front of the cage	Mean	89	100	100	107
	SD	26	21	30	24
	Mean/1 min	9	10	10	11
	SD/1min	3	2	3	2
Back and forth movements	Mean	45	52	52	56
	SD	12	9	13	13
	Mean/1 min	5	5	5	6
	SD/1min	1	1	1	1
Movements within the back of the cage	Mean	90	88	86	97
	SD	31	21	26	26
	Mean/1 min	9	9	9	10
	SD/1min	3	2	3	3
Vertical movements	Mean	109	118	115	126
	SD	16	21	22	27
	Mean/1 min	11	12	12	13
	SD/1min	2	2	2	3

Table 56

**F1 GENERATION
SUMMARY OF REPRODUCTIVE DATA**

Dose-level (mg/kg/day)		0	250	500	1000
		Group 1	Group 2	Group 3	Group 4
Paired males + females	n	24+25	25+25	25+25	25+24 (a)
Pairs able to mate	n	25	24	25	23
Female mating index *	%	100	96	100	96
Mean number of days of pairing before mating	n	3.1	3.5	2.6	2.4
Pregnant female partners *	n	22	22	22	22
Fertility index *	%	88	92	88	96
Females with no delivery		0	1	0	0
Females with live concepti	n	21	21	22	20
Gestation index	%	95.5	95.5	100	91

* including pregnant female with no detection of sperm at vaginal lavage

(a) female found dead before mating

Table: 57

F1 GENERATION
SUMMARY OF REPRODUCTIVE AND LITTER DATA

Dose (mg/kg/day)		0	250	500	1000
Females on Study	N	25	25	25	25
Females Mated	N	25 f	24	25	23
Mating Index	%	100.0	96.0	100.0	92.0
Females Pregnant	N	22 f	22	22	22
Female Fertility Index	%	88.0	91.7	88.0	95.7
Females with Liveborn	N	21 f	21	22	20
Gestation Index	%	95.5	95.5	100.0	90.9
Females Surviving Delivery	N	21 f	21	22	20
Duration of Gestation	MEAN	21.5 d	21.6	21.6	21.6
S.D.		0.5	0.5	0.5	0.5
with Stillborn Pups	N	0 f	0	0	0
%		0.0	0.0	0.0	0.0
with all Stillborn	N	0 f	0	0	0
%		0.0	0.0	0.0	0.0
with Entire Liveborn Litter Dying and/or Missing, Cannibalized, Culled					
days 0-4	N	0 f	1	0	1
%		0.0	4.8	0.0	5.0
days 0-21	N	0 f	1	0	1
%		0.0	4.8	0.0	5.0

Statistical key: d=ANOVA + Dunnett-test f=Fishers exact test

Table: 57 (continued)

F1 GENERATION
SUMMARY OF REPRODUCTIVE AND LITTER DATA

Dose (mg/kg/day)		0	250	500	1000
Litters with Liveborn Pups	N	21	21	22	20
Pups Delivered (total)	N	287	288	301	280
	MEAN	13.7 d	13.7	13.7	14.0
	S.D.	2.6	1.8	1.9	1.9
Liveborn	N	287 f	288	301	280
Live Birth Index	%	100.0	100.0	100.0	100.0
Stillborn	N	0 f	0	0	0
	%	0.0	0.0	0.0	0.0
Uncertain	N	0	0	0	0
Culled day 4		116	113	116	108
Culled (total)	N	116	113	116	108
Cannibalized	N	5	4	4	9
Missing	N	0	0	0	0
Died	N	6	12	5	12
Liveborn, not culled prior to day 21	N	171	175	185	172
Pups Dying, Missing, and/or Cannibalized					
day 0	N	0 f	0	0	0
	%	0.0	0.0	0.0	0.0
days 1-4	N	7 f	15	9	20**
	%	2.4	5.2	3.0	7.1
days 5-7	N	1 f	0	0	1
	%	0.3	0.0	0.0	0.4
days 8-14	N	3 f	1	0	0
	%	1.0	0.3	0.0	0.0
days 15-21	N	0 f	1	0	0
	%	0.0	0.3	0.0	0.0
Pups Surviving 4 days Viability Index	N	280 f	273	292	260**
	%	97.6	94.8	97.0	92.9
Pups Surviving 21 days Lactation Index	N	160 f	158	176	151
	%	97.6	98.8	100.0	99.3
Implantation Sites per Litter	N	299	302	309	301
	MEAN	14.2 d	14.4	14.0	15.1
	S.D.	2.5	1.6	1.9	1.7

Statistical key: d=ANOVA + Dunnett-test f=Fishers exact test ** = p<0.01

Table: 57 (continued)

F1 GENERATION
SUMMARY OF REPRODUCTIVE AND LITTER DATA

Dose (mg/kg/day)		0	250	500	1000
Live Pups/Litter					
day 1	MEAN	13.5 d	13.7	13.7	14.0
	S.D.	2.7	1.9	1.9	1.9
day 4 preculling	MEAN	13.3 d	13.6	13.3	13.7
	S.D.	2.8	1.6	1.8	1.9
day 4 postculling	MEAN	7.8 d	8.0	8.0	8.0
	S.D.	0.9	0.0	0.0	0.0
day 7	MEAN	7.8 d	8.0	8.0	7.9
	S.D.	0.9	0.0	0.0	0.2
day 14	MEAN	7.6 d	7.9	8.0	7.9
	S.D.	1.0	0.2	0.0	0.2
day 21	MEAN	7.6 d	7.9	8.0	7.9
	S.D.	1.0	0.3	0.0	0.2
Pup Weight/Litter (grams)					
day 1	MEAN	6.7 d	6.5	6.5	6.6
	S.D.	0.6	0.6	0.5	0.6
day 4 preculling	MEAN	9.2 d	9.1	9.0	9.0
	S.D.	1.4	1.0	0.9	1.4
day 4 postculling	MEAN	9.2 d	9.1	9.1	9.0
	S.D.	1.4	1.0	1.0	1.4
day 7	MEAN	15.2 d	15.1	14.6	14.6
	S.D.	2.2	1.6	1.6	2.2
day 14	MEAN	32.0 d	32.3	31.1	31.3
	S.D.	4.2	2.1	2.9	2.5
day 21	MEAN	50.6 d	51.0	49.6	50.2
	S.D.	6.7	3.9	5.5	3.7
Sex Ratio - Male Pups:Total Pups					
day 0	N	144 f	147	155	146
	%	50.5	51.0	51.5	52.1
day 21	N	83 f	79	86	76
	%	51.9	50.0	48.9	50.3

Statistical key: d=ANOVA + Dunnett-test f=Fishers exact test

Table: 58

F1 GENERATION
SUMMARY OF PUP WEIGHTS (grams)

Dose (mg/kg/day)			0	250	500	1000
day 1 males	MEAN		6.9 d	6.7	6.6	6.8
	S.D.		0.6	0.6	0.5	0.6
	N		21	21	22	20
1 females	MEAN		6.5 d	6.3	6.4	6.3
	S.D.		0.6	0.6	0.5	0.6
	N		21	21	22	20
1 males+females	MEAN		6.7 d	6.5	6.5	6.6
	S.D.		0.6	0.6	0.5	0.6
	N		21	21	22	20
day 4 males preculling	MEAN		9.5 d	9.3	9.2	9.2
	S.D.		1.5	1.0	1.0	1.4
	N		21	20	22	19
4 females preculling	MEAN		8.9 d	8.8	8.9	8.7
	S.D.		1.3	1.0	0.9	1.4
	N		21	20	22	19
4 males+females preculling	MEAN		9.2 d	9.1	9.0	9.0
	S.D.		1.4	1.0	0.9	1.4
	N		21	20	22	19
day 4 males postculling	MEAN		9.5 d	9.3	9.3	9.2
	S.D.		1.5	1.0	1.0	1.3
	N		21	20	22	19
4 females postculling	MEAN		8.9 d	8.8	8.9	8.7
	S.D.		1.3	1.0	1.0	1.4
	N		21	20	22	19
4 males+females postculling	MEAN		9.2 d	9.1	9.1	9.0
	S.D.		1.4	1.0	1.0	1.4
	N		21	20	22	19

Statistical key: d=ANOVA + Dunnett-test

Table: 58 (continued)

F1 GENERATION
SUMMARY OF PUP WEIGHTS (grams)

Dose (mg/kg/day)		0	250	500	1000
day 7 males	MEAN	15.6 d	15.6	15.0	15.0
	S.D.	2.3	1.7	1.6	2.1
	N	21	20	22	19
7 females	MEAN	14.6 d	14.6	14.4	14.2
	S.D.	2.3	1.5	1.6	2.4
	N	21	20	22	19
7 males+females	MEAN	15.2 d	15.1	14.6	14.6
	S.D.	2.2	1.6	1.6	2.2
	N	21	20	22	19
day 14 males	MEAN	32.5 d	33.0	31.4	32.0
	S.D.	4.5	2.4	3.0	2.5
	N	21	20	22	19
14 females	MEAN	31.4 d	31.6	30.8	30.6
	S.D.	4.0	2.0	2.9	2.6
	N	21	20	22	19
14 males+females	MEAN	32.0 d	32.3	31.1	31.3
	S.D.	4.2	2.1	2.9	2.5
	N	21	20	22	19
day 21 males	MEAN	51.5 d	52.1	50.3	51.2
	S.D.	7.2	4.4	5.8	3.6
	N	21	20	22	19
21 females	MEAN	49.6 d	49.9	49.0	49.1
	S.D.	6.2	3.6	5.5	4.1
	N	21	20	22	19
21 males+females	MEAN	50.6 d	51.0	49.6	50.2
	S.D.	6.7	3.9	5.5	3.7
	N	21	20	22	19

Statistical key: d=ANOVA + Dunnett-test

Table: 58 (continued)

F1 GENERATION
SUMMARY OF PUP BODY WEIGHT CHANGES -- GRAMS

Dose (mg/kg/day)		0	250	500	1000
day 1- 4 males	MEAN	2.7 d	2.5	2.6	2.4
	S.D.	0.9	0.7	0.7	1.0
	N	21	20	22	19
females	MEAN	2.5 d	2.4	2.5	2.3
	S.D.	0.8	0.6	0.6	1.0
	N	21	20	22	19
males+females	MEAN	2.6 d	2.5	2.5	2.3
	S.D.	0.8	0.6	0.6	1.0
	N	21	20	22	19
day 4- 7 males	MEAN	6.1 d	6.3	5.7	5.8
	S.D.	1.0	1.0	1.0	1.0
	N	21	20	22	19
females	MEAN	5.7 d	5.8	5.5	5.5
	S.D.	1.2	0.8	0.9	1.1
	N	21	20	22	19
males+females	MEAN	5.9 d	6.0	5.6	5.7
	S.D.	1.0	0.9	1.0	1.0
	N	21	20	22	19
day 4-21 males	MEAN	42.0 d	42.8	41.0	41.9
	S.D.	5.9	4.0	5.1	2.7
	N	21	20	22	19
females	MEAN	40.7 d	41.1	40.1	40.4
	S.D.	5.1	3.4	4.8	3.0
	N	21	20	22	19
males+females	MEAN	41.4 d	42.0	40.5	41.2
	S.D.	5.5	3.6	4.9	2.7
	N	21	20	22	19

Statistical key: d=ANOVA + Dunnett-test

Table: 58 (continued)

F1 GENERATION

SUMMARY OF PUP BODY WEIGHT CHANGES -- GRAMS

Dose (mg/kg/day)		0	250	500	1000
day 7-14 males	MEAN	16.8 d	17.4	16.4	17.0
	S.D.	2.4	1.6	1.7	1.2
	N	21	20	22	19
females	MEAN	16.8 d	17.0	16.5	16.4
	S.D.	2.4	1.2	1.6	1.1
	N	21	20	22	19
males+females	MEAN	16.8 d	17.2	16.4	16.7
	S.D.	2.3	1.3	1.6	1.1
	N	21	20	22	19
day 14-21 males	MEAN	19.0 d	19.1	18.9	19.1
	S.D.	3.1	2.3	3.2	1.6
	N	21	20	22	19
females	MEAN	18.2 d	18.3	18.2	18.6
	S.D.	2.6	2.0	3.0	1.9
	N	21	20	22	19
males+females	MEAN	18.6 d	18.7	18.5	18.9
	S.D.	2.8	2.1	3.0	1.7
	N	21	20	22	19

Statistical key: d=ANOVA + Dunnett-test

Table 59

F1 GENERATION
MEAN VALUES OF ANOGENITAL DISTANCE
ON DAY 1 POST-PARTUM

Dose-level (mg/kg/day)		Male				Female			
		0	250	500	1000	0	250	500	1000
AGD	Mean	4.57	4.56	4.54	4.63	2.80	2.72	2.81	2.90
	SD	0.39	0.42	0.43	0.38	0.35	0.32	0.29	0.35
PW	Mean	6.90	6.70	6.60	6.80	6.50	6.30	6.40	6.30
	SD	0.60	0.60	0.50	0.60	0.60	0.60	0.50	0.60
AGD/PW	Mean	0.67	0.69	0.69	0.69	0.44	0.44	0.45	0.47
	SD	0.06	0.10	0.08	0.09	0.06	0.07	0.06	0.09
AGD/Cube root of body weight (a)	Mean	2.41	2.42	2.42	2.45	1.51	1.47	1.51	1.57
	SD	0.18	0.25	0.23	0.21	0.18	0.19	0.17	0.22

AGD: anogenital distance (mm)

PW: pup weight (grams)

AGD/PW: anogenital distance normalized to pup body weight

(a): the anogenital distance is normalized to the cube root of pup body weight

Table: 60

F1 GENERATION

ASSESSMENT OF REFLEX AND PHYSICAL DEVELOPMENT (Mean data)

Dose (mg/kg/day)		0	250	500	1000
SURFACE RIGHTING day 5					
Number of pups tested	N	164	160	176	152
Number of pups exhibiting positive response	N	159 f	155	172	147
	%	97.0	96.9	97.7	96.7
CLIFF AVOIDANCE day 11					
Number of pups tested	N	160	159	176	151
Number of pups exhibiting positive response	N	158 f	158	169	148
	%	98.8	99.4	96.0	98.0
AIR RIGHTING day 17					
Number of pups tested	N	160	158	176	151
Number of pups exhibiting positive response	N	155 f	152	170	150
	%	96.9	96.2	96.6	99.3

Statistical key: f=Fishers exact test

Table: 61

F1 GENERATION

SUMMARY OF MACROSCOPIC POSTMORTEM OBSERVATIONS OF PUPS DEAD

Dose (mg/kg/day)		0	250	500	1000
Litters Evaluated	N	3	1	4	4
Pups Evaluated	N	6	1	5	4
GENERAL					
Litter Incidence	N	3	0	2	3
Pup Incidence	N	4	0	3	3
O AUTOLYSIS					
Pup Incidence	N	4 f	0	3	3
	%	66.7	0.0	60.0	75.0
Litter Incidence	N	3 f	0	2	3
	%	100.0	0.0	50.0	75.0
TOTAL PUPS DEAD OBSERVATIONS					
Pup Incidence	N	4 f	0	3	3
	%	66.7	0.0	60.0	75.0
Litter Incidence	N	3 f	0	2	3
	%	100.0	0.0	50.0	75.0

Statistical key: f=Fishers exact test

Table: 61 (continued)

F1 GENERATION

**SUMMARY OF MACROSCOPIC POSTMORTEM OBSERVATIONS OF PUPS SACRIFICED
AFTER WEANING**

Dose (mg/kg/day)		0	250	500	1000
Litters Evaluated	N	21	20	22	19
Pups Evaluated	N	107	103	122	101
TOTAL PUPS SACRIFICED OBSERVATIONS					
Pup Incidence	N	0 f	0	0	0
	%	0.0	0.0	0.0	0.0
Litter Incidence	N	0 f	0	0	0
	%	0.0	0.0	0.0	0.0

Statistical key: f=Fishers exact test

Table 62

F1 GENERATION
SUMMARY TABLE:
EPIDIDYMAL SPERM COUNT AND MOTILITY
TESTICULAR SPERM HEAD COUNT AND DAILY SPERM PRODUCTION

Dose-level (mg/kg/day)	0	250	500	1000
<u>EPIDIDYMIS</u>				
Number of spermatozoa ($10^3/\text{mm}^3$ grams of sperm)				
Mean	725	673	701	688
Sd	150	197	97	177
n	22	24	23	24

Epididymal sperm motility (%)				
Motile				
Mean	84.6	87.1	93.3	88.3
Sd	34.1	31.6	22.0	29.4
n	24	25	24	25

Non-motile				
Mean	11.3	5.0	2.5	4.8
Sd	29.1	17.7	9.3	13.6
n	24	25	24	25
<u>TESTIS</u>				
Number of sperm heads ($10^6/\text{g}$ of testis)				
Mean	100.6	97.8	105.3	99.8
Sd	36.7	32.3	27.2	38.9
n	24.0	25.0	24.0	25.0

Daily sperm production rate ($10^6/\text{g}$ of testis/day)				
Mean	16.5	16.0	17.3	16.4
Sd	6.0	5.3	4.5	6.4
n	24.0	25.0	24.0	25.0

Table 63

F1 GENERATION
SUMMARY OF EPIDIDYMAL SPERM MORPHOLOGY
(expressed as %)

Dose-levels (mg/kg/day)	0	250	500	1000
n	24	25	24	25
<hr style="border-top: 1px dashed black;"/>				
Normal				
Mean %	84	86	86	88
Sd	30	28	27	24
<hr style="border-top: 1px dashed black;"/>				
Normally shaped head separated from flagellum				
Mean %	11	4	5	8
Sd	24	9	7	19
<hr style="border-top: 1px dashed black;"/>				
Mis-shapen head separated from flagellum				
Mean %	0	0	0	0
Sd	1	0	0	1
<hr style="border-top: 1px dashed black;"/>				
Mis-shapen head with normal flagellum				
Mean %	1	1	4	1
Sd	1	2	15	2
<hr style="border-top: 1px dashed black;"/>				
Mis-shapen head with abnormal flagellum				
Mean %	0	0	0	0
Sd	1	0	0	1
<hr style="border-top: 1px dashed black;"/>				
Degenerative flagellar defect(s) with normal head				
Mean %	1	0	0	0
Sd	2	0	0	0
<hr style="border-top: 1px dashed black;"/>				
Other flagellar defect(s) with normal head				
Mean %	0	0	1	0
Sd	1	1	1	1

Table: 64

 SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

F1 PARENTS

SEX: MALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	25	25	25	25
FINAL BODY WEIGHT	n:	24	25	24	25
MEAN WEIGHT	(g):	589.4	588.2	605.8	594.2
SD	:	55.22	48.84	85.04	58.45
.....					
ADRENAL GLANDS	n:	24	25	24	25
MEAN WEIGHT	(g):	0.06454	0.06024	0.06825	0.06924
SD	:	0.012	0.009	0.012	0.010
MEAN % BODY	:	0.01097	0.01029	0.01142	0.01171
SD	:	0.002	0.002	0.002	0.002
.....					
PITUITARY GLAND	n:	24	25	24	25
MEAN WEIGHT	(g):	0.01283	0.01384	0.01396	0.01460#
SD	:	0.004	0.003	0.003	0.003
MEAN % BODY	:	0.00217	0.00237	0.00234	0.00246#
SD	:	0.001	0.001	0.001	0.001
.....					
PROSTATE	n:	24	25	24	25
MEAN WEIGHT	(g):	1.47	1.48	1.38	1.41
SD	:	0.311	0.249	0.230	0.279
MEAN % BODY	:	0.25136	0.25239	0.23059	0.23740
SD	:	0.057	0.043	0.043	0.040
.....					
SEMINAL VESICLES	n:	24	25	24	25
MEAN WEIGHT	(g):	1.71	1.94	1.86	1.92
SD	:	0.295	0.567	0.422	0.436
MEAN % BODY	:	0.29278	0.33038	0.31650	0.32424
SD	:	0.055	0.085	0.113	0.073

 #/##):DUNN'S TEST AT 5% (#) OR 1% (##) LEVEL

Assigned control group(s) : 1,

Table: 64 (continued)

SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

F1 PARENTS

SEX: MALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	25	25	25	25
TESTIS, RIGHT	n:	24	25	24	25
MEAN WEIGHT (g):		1.84	1.75	1.86	1.82
SD :		0.137	0.337	0.226	0.255
MEAN % BODY :		0.31441	0.29746	0.31004	0.30958
SD :		0.036	0.059	0.040	0.050
EPIDIDYMIS, RIGHT	n:	24	25	24	25
MEAN WEIGHT (g):		0.75575	0.70512	0.75008	0.71244
SD :		0.041	0.148	0.113	0.127
MEAN % BODY :		0.12915	0.12002	0.12492	0.12065
SD :		0.012	0.025	0.018	0.022
EPIDIDYMIS, LEFT	n:	24	25	24	25
MEAN WEIGHT (g):		0.71683	0.69636	0.71904	0.68980
SD :		0.110	0.123	0.123	0.120
MEAN % BODY :		0.12299	0.11863	0.11980	0.11693
SD :		0.023	0.021	0.021	0.021
TESTIS, LEFT	n:	24	25	24	25
MEAN WEIGHT (g):		1.79	1.77	1.84	1.84
SD :		0.317	0.390	0.210	0.171
MEAN % BODY :		0.30842	0.30222	0.30679	0.31198
SD :		0.065	0.067	0.037	0.042
BRAIN	n:	24	25	24	25
MEAN WEIGHT (g):		2.06	2.13	2.13*	2.11
SD :		0.085	0.096	0.123	0.085
MEAN % BODY :		0.35257	0.36390	0.35648	0.35851
SD :		0.034	0.030	0.038	0.034

#/#):DUNN'S TEST AT 5% (#) OR 1% (##) LEVEL

*/**):DUNNETT'S TEST BASED ON POOLED VARIANCES AT 5% (*) OR 1% (**) LEVEL

Assigned control group(s) : 1,

Table: 64 (continued)

 SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

F1 PARENTS

SEX: MALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	25	25	25	25

LIVER	n:	24	25	24	25
MEAN WEIGHT	(g):	18.89	18.94	21.58#	23.95##
SD	:	2.45	2.32	4.16	4.10
MEAN % BODY	:	3.20	3.21	3.54##	4.01##
SD	:	0.225	0.245	0.317	0.389
.....					
KIDNEYS	n:	24	25	24	25
MEAN WEIGHT	(g):	3.38	3.73	4.13##	5.34##
SD	:	0.341	0.449	0.640	5.39
MEAN % BODY	:	0.57406	0.63368##	0.68399##	0.90836##
SD	:	0.043	0.046	0.068	0.958
.....					
SPLEEN	n:	24	25	24	25
MEAN WEIGHT	(g):	0.80125	0.80256	0.78238	0.79776
SD	:	0.147	0.082	0.125	0.145
MEAN % BODY	:	0.13556	0.13677	0.13070	0.13493
SD	:	0.019	0.013	0.023	0.025
.....					
THYROID GLANDS	n:	24	25	24	25
MEAN WEIGHT	(g):	0.02792	0.02812	0.02929	0.02884
SD	:	0.005	0.004	0.005	0.004
MEAN % BODY	:	0.00474	0.00480	0.00489	0.00488
SD	:	0.001	0.001	0.001	0.001
.....					

 #/##):DUNN'S TEST AT 5% (#) OR 1% (##) LEVEL
 Assigned control group(s) : 1,

Table: 64 (continued)

 SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

F1 PARENTS

SEX: FEMALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	25	25	25	25
FINAL BODY WEIGHT	n:	25	24	25	23
MEAN WEIGHT (g):		325.2	319.2	314.8	330.3
SD :		24.95	25.46	24.50	41.34
.....					
ADRENAL GLANDS	n:	25	24	25	23
MEAN WEIGHT (g):		0.07164	0.06800	0.06944	0.07435
SD :		0.013	0.011	0.007	0.012
MEAN % BODY :		0.02200	0.02145	0.02218	0.02277
SD :		0.003	0.004	0.003	0.004
.....					
PITUITARY GLAND	n:	25	24	25	23
MEAN WEIGHT (g):		0.01372	0.01350	0.01268	0.01374
SD :		0.003	0.003	0.002	0.002
MEAN % BODY :		0.00423	0.00422	0.00406	0.00420
SD :		0.001	0.001	0.001	0.001
.....					
OVARIES	n:	25	24	25	23
MEAN WEIGHT (g):		0.16352	0.17179	0.16752	0.16278
SD :		0.027	0.028	0.031	0.024
MEAN % BODY :		0.05047	0.05417	0.05312	0.04941
SD :		0.008	0.010	0.008	0.006
.....					
UTERUS	n:	21	20	22	19
MEAN WEIGHT (g):		0.55738	0.57725	0.53832	0.54653
SD :		0.130	0.161	0.141	0.122
MEAN % BODY :		0.17316	0.18101	0.17120	0.16970
SD :		0.040	0.052	0.041	0.038
.....					

 No statistically significant weight differences noted between treated groups and controls

Table: 64 (continued)

 SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS

STATUS AT NECROPSY: K0

F1 PARENTS

SEX: FEMALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	25	25	25	25

BRAIN	n:	25	24	25	23
	MEAN WEIGHT (g):	1.96	1.98	1.93	1.93
	SD :	0.082	0.072	0.091	0.077
	MEAN % BODY :	0.60409	0.62437	0.61693	0.59275
	SD :	0.040	0.046	0.039	0.065
.....					
LIVER	n:	25	24	25	23
	MEAN WEIGHT (g):	14.85	15.07	15.26	16.34*
	SD :	1.87	2.31	2.01	2.34
	MEAN % BODY :	4.58	4.71	4.86	4.97#
	SD :	0.562	0.571	0.588	0.666
.....					
KIDNEYS	n:	25	24	25	23
	MEAN WEIGHT (g):	2.24	2.34	2.30	2.49**
	SD :	0.178	0.242	0.226	0.284
	MEAN % BODY :	0.69219	0.73338	0.73050	0.76202##
	SD :	0.061	0.075	0.048	0.097
.....					
SPLEEN	n:	25	24	25	23
	MEAN WEIGHT (g):	0.69032	0.66046	0.66288	0.64943
	SD :	0.085	0.117	0.095	0.089
	MEAN % BODY :	0.21254	0.20705	0.21106	0.19905
	SD :	0.023	0.034	0.029	0.034
.....					
THYROID GLANDS	n:	25	24	25	23
	MEAN WEIGHT (g):	0.01876	0.02108	0.01856	0.02109
	SD :	0.004	0.004	0.003	0.004
	MEAN % BODY :	0.00580	0.00666*	0.00589	0.00638
	SD :	0.001	0.001	0.001	0.001
.....					

 #/##):DUNN'S TEST AT 5% (#) OR 1% (##) LEVEL

*/**):DUNNETT'S TEST BASED ON POOLED VARIANCES AT 5% (*) OR 1% (**) LEVEL

Assigned control group(s) : 1,

Table: 65

 SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS
 STATUS AT NECROPSY: K0
 F2 PUPS
 SEX: MALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	21	20	22	19
FINAL BODY WEIGHT	n:	21	20	22	19
MEAN WEIGHT (g):		60.36	59.56	58.30	59.43
SD :		10.42	9.20	10.59	6.68
.....					
BRAIN	n:	21	20	22	19
MEAN WEIGHT (g):		1.47	1.52	1.48	1.46
SD :		0.082	0.080	0.090	0.089
MEAN % BODY :		2.53	2.60	2.60	2.49
SD :		0.571	0.369	0.366	0.236
.....					
SPLEEN	n:	21	20	22	19
MEAN WEIGHT (g):		0.30976	0.29550	0.28986	0.28868
SD :		0.069	0.094	0.067	0.054
MEAN % BODY :		0.51115	0.49513	0.49713	0.48601
SD :		0.075	0.132	0.074	0.072
.....					
THYMUS	n:	21	20	22	19
MEAN WEIGHT (g):		0.27990	0.26085	0.24605	0.26621
SD :		0.052	0.044	0.060	0.038
MEAN % BODY :		0.46760	0.43939	0.42093	0.45180
SD :		0.062	0.057	0.059	0.079
.....					

 No statistically significant weight differences noted between treated groups and controls

Table: 65 (continued)

 SUMMARY TABLE OF BODY/ORGAN WEIGHTS AND STATISTICS
 STATUS AT NECROPSY: K0
 F2 PUPS
 SEX: FEMALE

ORGAN	DOSE GROUP:	1	2	3	4
	NO. ANIMALS:	20	20	22	19
FINAL BODY WEIGHT	n:	20	20	22	19
MEAN WEIGHT (g):		57.08	57.20	57.51	56.23
SD :		7.25	6.91	8.99	6.87
.....					
BRAIN	n:	20	20	22	19
MEAN WEIGHT (g):		1.47	1.45	1.46	1.43
SD :		0.054	0.062	0.104	0.063
MEAN % BODY :		2.61	2.57	2.58	2.57
SD :		0.301	0.293	0.359	0.250
.....					
SPLEEN	n:	20	20	22	19
MEAN WEIGHT (g):		0.30160	0.28370	0.29495	0.26279
SD :		0.061	0.049	0.067	0.045
MEAN % BODY :		0.52560	0.50103	0.51809	0.46954
SD :		0.072	0.090	0.116	0.073
.....					
THYMUS	n:	20	20	22	19
MEAN WEIGHT (g):		0.27560	0.26730	0.27350	0.26832
SD :		0.056	0.042	0.052	0.046
MEAN % BODY :		0.48156	0.47045	0.48307	0.47633
SD :		0.066	0.076	0.115	0.049
.....					

 No statistically significant weight differences noted between treated groups and controls

Table: 66

```

-----
NUMBER OF ANIMALS WITH NECROPSY FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
F1 PARENTS
-----
ORGAN/FINDING          DOSE GROUP:  1    2    3    4
                      ANIM.EXAM.: 25   25   25   25
-----
ADRENAL GLANDS        :
- REDUCED IN SIZE     :  -    1    -    -
.....
TESTES                :
- ENLARGED            :  -    1    -    -
- REDUCED IN SIZE     :  2    2    1    2
- SOFT                :  1    1    1    2
- TRANSLUCENT ASPECT :  -    1    -    1
.....
EPIDIDYMIDES         :
- REDUCED IN SIZE     :  2    3    1    3
- TRANSLUCENT ASPECT :  -    1    -    1
.....
LIVER                 :
- ACCENTUATED LOBULAR PATTERN :  -    -    -    1
- ENLARGED            :  -    -    -    2
.....
KIDNEYS              :
- DILATED PELVIS     :  1    -    1    1
- ENLARGED           :  -    -    -    1
- GREY/GREEN COLOR   :  -    -    1    1
- IRREGULAR COLOR    :  -    1    1    1
- MASSES GREYISH/WHITISH :  -    -    -    1
- PALENESS           :  1    -    3    -
.....
SPLEEN               :
- ENLARGED           :  1    -    -    1
- REDUCED IN SIZE    :  1    -    -    -
.....
THYMUS               :
- FOCI REDDISH/PURPLISH :  1    -    -    -
- REDUCED IN SIZE    :  -    1    -    -
.....
LUNGS                :
- DILATATION         :  -    -    1    -
- FOAMY CONTENTS     :  -    -    1    -
.....
ADIPOSE TISSUE       :
- NODULES REDDISH/PURPLISH :  -    -    1    -
-----
    
```


Table: 66 (continued)

NUMBER OF ANIMALS WITH NECROPSY FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS MALE
F1 PARENTS

ORGAN/FINDING	DOSE GROUP:	1	2	3	4
	ANIM.EXAM.:	25	25	25	25

URINARY BLADDER	:				
- THICKENED	:	-	-	-	1

.....

Table: 66 (continued)

```

-----
NUMBER OF ANIMALS WITH NECROPSY FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS                                     FEMALE
F1 PARENTS
-----
ORGAN/FINDING          DOSE GROUP:   1     2     3     4
                    ANIM.EXAM.:  25   25   25   25
-----
ADRENAL GLANDS          :
- FOCI BROWNISH/BLACKISH :   1     -     -     -
.....
UTERUS                  :
- SEROUS CONTENTS       :   2     2     3     1
.....
THYROID GLANDS         :
- ENLARGED              :   -     1     -     -
.....
ILEUM                  :
- DISTENDED WITH GAS    :   -     1     -     -
- WHITISH COLOR         :   1     -     -     -
.....
ADIPOSE TISSUE         :
- NODULES YELLOWISH    :   1     -     -     -
.....
    
```

Table: 67

 NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
 STATUS AT NECROPSY: K0, INCL. DEATHS
 F1 PARENTS

	SEX :					MALE
DOSE GROUP:		1	2	3	4	
NO. ANIMALS:		25	25	25	25	

ADRENAL GLANDS	:	24	1	-	25	
- Acces. adrenal cort.:		1	-	-	2	
- Inters.Mono.Cel.Agg.:		3	-	-	5	
- Sinusoidal Ectasia :		12	-	-	11	
- Cyst(s)	:	1	-	-	2	
- Vacuol.Cortical cell:		-	-	-	5	
- Altered Cell Foci :		-	-	-	1	
- Cystic Degeneration :		-	-	-	1	
- Lipomatosis :		-	-	-	1	

PITUITARY GLAND	:	24	-	-	25	
- Vacuolated Cells :		10	-	-	8	
- Development. Cyst(S):		-	-	-	1	

PROSTATE	:	24	3	2	25	
- Hypersecretion :		-	-	-	1	
- Atroph.Tub.Alv.Units:		-	-	-	1	
- Epithel.Cell Atrophy:		9	3	-	12	
- Inters.Mono.Cel.Agg.:		5	1	2	8	
- Granulocyte Infiltr.:		1	-	-	1	
- Acute Prostatitis :		-	-	1	1	
- Subacute Prostatitis:		4	1	-	5	

SEMINAL VESICLES	:	24	2	2	25	
- Inters.Mono.Cel.Agg.:		1	-	-	-	

Table: 67 (continued)

 NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
 STATUS AT NECROPSY: K0, INCL. DEATHS
 F1 PARENTS

SEX :					MALE
DOSE GROUP:	1	2	3	4	
NO. ANIMALS:	25	25	25	25	
TESTIS, RIGHT :	24	25	24	25	
- Tail.Sperm.Norm.Num.:	24	22	23	22	
- Reduc.Tailed.Sperma.:	-	3	1	3	
- Round Sperm.Norm.Nu.:	24	22	23	22	
- Reduc.Round spermat.:	-	3	1	3	
- Spermatoc.Norm.Numb.:	24	22	23	22	
- Spermatocy.Reduced :	-	3	1	3	
- Spermatog.Normal Nu.:	24	22	23	22	
- Spermatogonia Reduc.:	-	3	1	3	
- Diff.Stag.Cycl.Pres.:	24	22	23	23	
- Diff.Stag.Cycl.Dist.:	-	3	1	2	
- Deg./Necr.Cel.Sloug.:	9	4	8	6	
- Sem.tub.lin.Sert.c. :	8	7	9	12	
- Vacuol.semin.tubules:	7	5	4	3	
- Vacuol.sertoli cells:	1	2	3	2	
- Degener.germ.epith. :	1	1	-	1	
- Retained Spermatids :	-	-	1	-	
- Multinucl.Giant Cel.:	-	1	-	1	
- Spermatic Granuloma :	-	1	-	-	
EPIDIDYMIS, RIGHT :	24	3	2	25	
- Oligospermia :	-	2	1	1	
- Exfol.Sperm.Sloughed:	-	-	1	-	
- Aspermia :	-	-	-	1	
- Inters.Mono.Cel.Agg.:	2	-	-	1	
LIVER :	-	-	-	2	
- Alt.cel.foci acid. :	-	-	-	1	
- Alt.cel.foci clear :	-	-	-	1	
- Mononuclear Cel.Agg.:	-	-	-	2	
- Hepatocel.Hypertrop.:	-	-	-	2	

Table: 67 (continued)

```

-----
NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
F1 PARENTS
-----
                SEX      :
                DOSE GROUP:   1    2    3    4
                NO.ANIMALS:  25  25  25  25
-----
KIDNEYS          :   1    -    1    4
- Dilated Pelvis :   1    -    -    1
- Nephroblastoma :   -    -    -    1
- Tubular Basophilia :   1    -    1    2
- Peritubular Fibrosis:   1    -    1    2
- Tubular Dilatation :   -    -    1    -
- Aci.Glob.Cor.Tub.Ep.:   -    -    1    3
- Deg./Necr.C.Sloughed:  -    -    1    -
- Inters.Mono.Cel.Agg.:   1    -    1    2
-----
SPLEEN           :   1    -    -    1
- Lymphoid Cel.Hyperp.:   1    -    -    1
- Extramed.hematopoi. :   -    -    -    1
-----
THYMUS           :   1    -    -    -
- Capillary hemorrhage:   1    -    -    -
-----
    
```

Table: 67 (continued)

```

-----
NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
F1 PARENTS
-----
                SEX      :                               FEMALE
                DOSE GROUP:      1      2      3      4
                NO. ANIMALS:    25    25    25    25
-----
ADRENAL GLANDS      :    25    -    -    24
- Cort.Cel.Hypertrophy:    -    -    -    1
- Acces. adrenal cort.:    -    -    -    3
- Inters.Mono.Cel.Agg.:    -    -    -    5
- Sinusoidal Ectasia :    22    -    -    18
- Cystic Degeneration :    -    -    -    1
- Lipomatosis       :    1    -    -    1
-----
PITUITARY GLAND     :    25    -    -    24
- Cyst(s)           :    1    -    -    1
- Development. Cyst(S):    1    -    -    2
-----
OVARIES             :    25    3    3    24
- Proestrus         :    5    1    1    5
- Estrus            :    2    1    -    5
- Metestrus         :    7    -    -    1
- Diestrus          :    8    -    2    9
- Pregn.Corpora Lutea :    -    -    -    2
-----
UTERUS              :    25    3    3    24
- Infold.end.epithel. :    -    -    -    1
- Proestrus         :    5    1    -    5
- Estrus            :    2    -    -    3
- Metestrus         :    6    -    -    1
- Diestrus          :    7    -    -    9
- Yell.pigm.lad.macro.:    10    1    -    13
- Dilated Lumen     :    5    1    -    1
- Morphology of Pregn.:    1    1    -    2
- Mineralization    :    1    -    -    -
-----
VAGINA              :    25    3    3    24
- Proestrus         :    5    1    1    5
- Estrus            :    2    1    -    5
- Metestrus         :    7    -    -    1
- Diestrus          :    8    -    2    9
- Mucific.Vagin.Epith.:    2    1    -    4
- Epithel.Cel.Hyperpl.:    1    1    -    -
-----

```

Table: 67 (continued)

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-----
NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
F1 PARENTS
-----
                SEX           :                               FEMALE
                DOSE GROUP:    1     2     3     4
                NO.ANIMALS:   25   25   25   25
-----
PALPABLE MASSES      :      -   -   -   1
- Mammary Fibroadenoma:      -   -   -   1
-----
ADIPOSE TISSUE       :      1   -   -   -
- Fat Necrosis       :      1   -   -   -
-----
    
```

Table: 68

 SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
 STATUS AT NECROPSY: K0, INCL. DEATHS

SEX :					MALE
DOSE GROUP:	1	2	3	4	
NO. ANIMALS:	25	25	25	25	

ADRENAL GLANDS :	24	1	-	25	
- Inters.Mono.Cel.Agg.					
GRADE 1 :	3	-	-	5	
TOTAL AFFECTED :	3	-	-	5	
MEAN SEVERITY :	1.0	-	-	1.0	
.....					
- Sinusoidal Ectasia					
GRADE 1 :	9	-	-	9	
GRADE 2 :	3	-	-	2	
TOTAL AFFECTED :	12	-	-	11	
MEAN SEVERITY :	1.3	-	-	1.2	
.....					
- Vacuol.Cortical cell					
GRADE 2 :	-	-	-	5	
TOTAL AFFECTED :	-	-	-	5	
MEAN SEVERITY :	-	-	-	2.0	
.....					
- Altered Cell Foci					
GRADE 1 :	-	-	-	1	
TOTAL AFFECTED :	-	-	-	1	
MEAN SEVERITY :	-	-	-	1.0	
.....					
- Cystic Degeneration					
GRADE 1 :	-	-	-	1	
TOTAL AFFECTED :	-	-	-	1	
MEAN SEVERITY :	-	-	-	1.0	
.....					
- Lipomatosis					
GRADE 1 :	-	-	-	1	
TOTAL AFFECTED :	-	-	-	1	
MEAN SEVERITY :	-	-	-	1.0	

Table: 68 (continued)

 SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
 STATUS AT NECROPSY: K0, INCL. DEATHS

SEX :					MALE
DOSE GROUP:	1	2	3	4	
NO. ANIMALS:	25	25	25	25	

PITUITARY GLAND :	24	-	-	25	
- Vacuolated Cells					
GRADE 1 :	8	-	-	7	
GRADE 2 :	2	-	-	1	
TOTAL AFFECTED :	10	-	-	8	
MEAN SEVERITY :	1.2	-	-	1.1	

PROSTATE :	24	3	2	25	
- Hypersecretion					
GRADE 2 :	-	-	-	1	
TOTAL AFFECTED :	-	-	-	1	
MEAN SEVERITY :	-	-	-	2.0	
.....					
- Atroph.Tub.Alv.Units					
GRADE 2 :	-	-	-	1	
TOTAL AFFECTED :	-	-	-	1	
MEAN SEVERITY :	-	-	-	2.0	
.....					
- Epithel.Cell Atrophy					
GRADE 1 :	5	1	-	2	
GRADE 2 :	2	-	-	8	
GRADE 3 :	2	1	-	2	
GRADE 4 :	-	1	-	-	
TOTAL AFFECTED :	9	3	-	12	
MEAN SEVERITY :	1.7	2.7	-	2.0	
.....					
- Inters.Mono.Cel.Agg.					
GRADE 1 :	5	-	1	8	
GRADE 2 :	-	1	1	-	
TOTAL AFFECTED :	5	1	2	8	
MEAN SEVERITY :	1.0	2.0	1.5	1.0	
.....					

Table: 68 (continued)

```

-----
SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
-----
                SEX           :                               MALE
                DOSE GROUP:   1     2     3     4
                NO.ANIMALS:  25   25   25   25
-----
PROSTATE        CONT'D.    24    3    2    25
- Granulocyte Infiltr.
  GRADE 1 :      1     -     -     1
                TOTAL AFFECTED :      1     -     -     1
                MEAN SEVERITY :    1.0     -     -     1.0
.....
- Acute Prostatitis
  GRADE 1 :      -     -     -     1
  GRADE 2 :      -     -     1     -
                TOTAL AFFECTED :      -     -     1     1
                MEAN SEVERITY :      -     -     2.0  1.0
.....
- Subacute Prostatitis
  GRADE 1 :      -     -     -     1
  GRADE 2 :      2     1     -     2
  GRADE 3 :      1     -     -     2
  GRADE 4 :      1     -     -     -
                TOTAL AFFECTED :      4     1     -     5
                MEAN SEVERITY :    2.8  2.0     -     2.2
-----
SEMINAL VESICLES :      24    2    2    25
- Inters.Mono.Cel.Agg.
  GRADE 1 :      1     -     -     -
                TOTAL AFFECTED :      1     -     -     -
                MEAN SEVERITY :    1.0     -     -     -
-----
TESTIS, RIGHT   :      24    25   24   25
- Reduc.Tailed.Sperma.
  GRADE 1 :      -     -     -     1
  GRADE 4 :      -     1     -     1
  GRADE 5 :      -     2     1     1
                TOTAL AFFECTED :      -     3     1     3
                MEAN SEVERITY :      -    4.7  5.0  3.3
.....
    
```

Table: 68 (continued)

```

-----
SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
-----
                SEX           :                               MALE
                DOSE GROUP:   1     2     3     4
                NO.ANIMALS:  25   25   25   25
-----
TESTIS, RIGHT  CONT'D.   24   25   24   25
- Reduc.Round spermat.
    GRADE 1 :   -   -   -   1
    GRADE 4 :   -   1   -   1
    GRADE 5 :   -   2   1   1

    TOTAL AFFECTED :   -   3   1   3
    MEAN SEVERITY  :   -  4.7  5.0  3.3
.....
- Spermatoocy.Reduced
    GRADE 1 :   -   -   -   1
    GRADE 4 :   -   1   -   1
    GRADE 5 :   -   2   1   1

    TOTAL AFFECTED :   -   3   1   3
    MEAN SEVERITY  :   -  4.7  5.0  3.3
.....
- Spermato gon ia Reduc.
    GRADE 1 :   -   -   -   1
    GRADE 4 :   -   1   -   1
    GRADE 5 :   -   2   1   1

    TOTAL AFFECTED :   -   3   1   3
    MEAN SEVERITY  :   -  4.7  5.0  3.3
.....
- Diff.Stag.Cycl.Dist.
    GRADE 4 :   -   1   -   1
    GRADE 5 :   -   2   1   1

    TOTAL AFFECTED :   -   3   1   2
    MEAN SEVERITY  :   -  4.7  5.0  4.5
.....
- Deg./Necr.Cel.Sloug.
    GRADE 1 :   9   3   5   2
    GRADE 2 :   -   1   3   4

    TOTAL AFFECTED :   9   4   8   6
    MEAN SEVERITY  :  1.0  1.3  1.4  1.7
-----
    
```

Table: 68 (continued)

```

-----
SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
-----
                SEX           :                               MALE
                DOSE GROUP:   1     2     3     4
                NO.ANIMALS:  25   25   25   25
-----
TESTIS, RIGHT  CONT'D.   24   25   24   25
- Sem.tub.lin.Sert.c.
    GRADE 1 :    8    4    8    9
    GRADE 2 :    -    -    -    1
    GRADE 4 :    -    1    -    1
    GRADE 5 :    -    2    1    1

    TOTAL AFFECTED :    8    7    9   12
    MEAN SEVERITY  :   1.0  2.6  1.4  1.7
.....
- Vacuol.semin.tubules
    GRADE 1 :    7    5    4    3

    TOTAL AFFECTED :    7    5    4    3
    MEAN SEVERITY  :   1.0  1.0  1.0  1.0
.....
- Vacuol.sertoli cells
    GRADE 1 :    1    -    3    1
    GRADE 3 :    -    2    -    1

    TOTAL AFFECTED :    1    2    3    2
    MEAN SEVERITY  :   1.0  3.0  1.0  2.0
.....
- Degener.germ.epith.
    GRADE 1 :    1    1    -    1

    TOTAL AFFECTED :    1    1    -    1
    MEAN SEVERITY  :   1.0  1.0    -  1.0
.....
- Retained Spermatids
    GRADE 1 :    -    -    1    -

    TOTAL AFFECTED :    -    -    1    -
    MEAN SEVERITY  :    -    -  1.0    -
.....
- Multinucl.Giant Cel.
    GRADE 1 :    -    1    -    1

    TOTAL AFFECTED :    -    1    -    1
    MEAN SEVERITY  :    -  1.0    -  1.0
-----
    
```

Table: 68 (continued)

```

-----
SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
-----
                SEX           :                               MALE
                DOSE GROUP:    1     2     3     4
                NO.ANIMALS:   25   25   25   25
-----
TESTIS, RIGHT  CONT'D.    24   25   24   25
- Spermatic Granuloma
  GRADE 2 :      -     1     -     -
                TOTAL AFFECTED :      -     1     -     -
                MEAN SEVERITY  :      -     2.0   -     -
-----
EPIDIDYMIS, RIGHT      :    24    3    2    25
- Oligospermia
  GRADE 3 :      -     -     1     -
  GRADE 4 :      -     2     -     1
                TOTAL AFFECTED :      -     2     1     1
                MEAN SEVERITY  :      -     4.0   3.0   4.0
-----
- Exfol.Sperm.Sloughed
  GRADE 3 :      -     -     1     -
                TOTAL AFFECTED :      -     -     1     -
                MEAN SEVERITY  :      -     -     3.0   -
-----
- Aspermia
  GRADE 5 :      -     -     -     1
                TOTAL AFFECTED :      -     -     -     1
                MEAN SEVERITY  :      -     -     -     5.0
-----
- Inters.Mono.Cel.Agg.
  GRADE 1 :      1     -     -     -
  GRADE 2 :      1     -     -     1
                TOTAL AFFECTED :      2     -     -     1
                MEAN SEVERITY  :     1.5   -     -     2.0
-----
    
```

Table: 68 (continued)

```

-----
SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
-----
                SEX      :                               MALE
                DOSE GROUP:    1    2    3    4
                NO.ANIMALS:   25   25   25   25
-----
LIVER          :    -    -    -    2
- Alt.cel.foci acid.
    GRADE 1    :    -    -    -    1

    TOTAL AFFECTED :    -    -    -    1
    MEAN SEVERITY  :    -    -    -    1.0
.....
- Alt.cel.foci clear
    GRADE 1    :    -    -    -    1

    TOTAL AFFECTED :    -    -    -    1
    MEAN SEVERITY  :    -    -    -    1.0
.....
- Mononuclear Cel.Agg.
    GRADE 1    :    -    -    -    1
    GRADE 2    :    -    -    -    1

    TOTAL AFFECTED :    -    -    -    2
    MEAN SEVERITY  :    -    -    -    1.5
.....
- Hepatocel.Hypertrop.
    GRADE 2    :    -    -    -    1
    GRADE 3    :    -    -    -    1

    TOTAL AFFECTED :    -    -    -    2
    MEAN SEVERITY  :    -    -    -    2.5
-----
KIDNEYS       :    1    -    1    4
- Dilated Pelvis
    GRADE 2    :    -    -    -    1
    GRADE 3    :    1    -    -    -

    TOTAL AFFECTED :    1    -    -    1
    MEAN SEVERITY  :   3.0    -    -    2.0
.....
    
```

Table: 68 (continued)

 SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
 STATUS AT NECROPSY: K0, INCL. DEATHS

SEX :					MALE
DOSE GROUP:	1	2	3	4	
NO. ANIMALS:	25	25	25	25	

KIDNEYS	CONT'D.	1	-	1	4
- Tubular Basophilia					
GRADE 1 :		-	-	-	2
GRADE 2 :		1	-	-	-
GRADE 3 :		-	-	1	-
TOTAL AFFECTED :		1	-	1	2
MEAN SEVERITY :		2.0	-	3.0	1.0
.....					
- Peritubular Fibrosis					
GRADE 1 :		-	-	-	2
GRADE 2 :		1	-	-	-
GRADE 3 :		-	-	1	-
TOTAL AFFECTED :		1	-	1	2
MEAN SEVERITY :		2.0	-	3.0	1.0
.....					
- Tubular Dilatation					
GRADE 2 :		-	-	1	-
TOTAL AFFECTED :		-	-	1	-
MEAN SEVERITY :		-	-	2.0	-
.....					
- Aci.Glob.Cor.Tub.Ep.					
GRADE 2 :		-	-	-	1
GRADE 3 :		-	-	-	1
GRADE 4 :		-	-	1	1
TOTAL AFFECTED :		-	-	1	3
MEAN SEVERITY :		-	-	4.0	3.0
.....					
- Deg./Necr.C.Sloughed					
GRADE 3 :		-	-	1	-
TOTAL AFFECTED :		-	-	1	-
MEAN SEVERITY :		-	-	3.0	-
.....					

Table: 68 (continued)

 SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
 STATUS AT NECROPSY: K0, INCL. DEATHS

	SEX :					MALE
	DOSE GROUP:	1	2	3	4	
	NO. ANIMALS:	25	25	25	25	

KIDNEYS	CONT'D.	1	-	1	4	
- Inters. Mono. Cel. Agg.						
	GRADE 1 :	1	-	-	2	
	GRADE 2 :	-	-	1	-	
	TOTAL AFFECTED :	1	-	1	2	
	MEAN SEVERITY :	1.0	-	2.0	1.0	

Table: 68 (continued)

 SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
 STATUS AT NECROPSY: K0, INCL. DEATHS

SEX :					FEMALE
DOSE GROUP:	1	2	3	4	
NO. ANIMALS:	25	25	25	25	
ADRENAL GLANDS :	25	-	-	24	
- Cort.Cel.Hypertrophy					
GRADE 2 :	-	-	-	1	
TOTAL AFFECTED :	-	-	-	1	
MEAN SEVERITY :	-	-	-	2.0	
.....					
- Inters.Mono.Cel.Agg.					
GRADE 1 :	-	-	-	5	
TOTAL AFFECTED :	-	-	-	5	
MEAN SEVERITY :	-	-	-	1.0	
.....					
- Sinusoidal Ectasia					
GRADE 1 :	14	-	-	14	
GRADE 2 :	8	-	-	4	
TOTAL AFFECTED :	22	-	-	18	
MEAN SEVERITY :	1.4	-	-	1.2	
.....					
- Cystic Degeneration					
GRADE 1 :	-	-	-	1	
TOTAL AFFECTED :	-	-	-	1	
MEAN SEVERITY :	-	-	-	1.0	
.....					
- Lipomatosis					
GRADE 1 :	1	-	-	1	
TOTAL AFFECTED :	1	-	-	1	
MEAN SEVERITY :	1.0	-	-	1.0	

PITUITARY GLAND :	25	-	-	24	
- Cyst(s)					
GRADE 1 :	1	-	-	1	
TOTAL AFFECTED :	1	-	-	1	
MEAN SEVERITY :	1.0	-	-	1.0	

Table: 68 (continued)

```

-----
SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
-----
                SEX          :                               FEMALE
                DOSE GROUP:   1     2     3     4
                NO.ANIMALS:  25   25   25   25
-----
UTERUS          :   25    3    3    24
- Infold.end.epithel.
  GRADE 3      :    -    -    -    1
                TOTAL AFFECTED :    -    -    -    1
                MEAN SEVERITY  :    -    -    -    3.0
.....
- Yell.pigm.lad.macro.
  GRADE 1      :    3    -    -    3
  GRADE 2      :    5    1    -    8
  GRADE 3      :    2    -    -    2
                TOTAL AFFECTED :   10    1    -   13
                MEAN SEVERITY  :   1.9  2.0    -   1.9
.....
- Dilated Lumen
  GRADE 1      :    2    -    -    1
  GRADE 2      :    2    1    -    -
  GRADE 3      :    1    -    -    -
                TOTAL AFFECTED :    5    1    -    1
                MEAN SEVERITY  :   1.8  2.0    -   1.0
.....
- Mineralization
  GRADE 1      :    1    -    -    -
                TOTAL AFFECTED :    1    -    -    -
                MEAN SEVERITY  :   1.0    -    -    -
-----
VAGINA          :   25    3    3    24
- Mucific.Vagin.Epith.
  GRADE 2      :    1    1    -    2
  GRADE 3      :    1    -    -    1
  GRADE 4      :    -    -    -    1
                TOTAL AFFECTED :    2    1    -    4
                MEAN SEVERITY  :   2.5  2.0    -   2.8
.....
    
```

Table: 68 (continued)

```

-----
SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
-----
                SEX          :                               FEMALE
                DOSE GROUP:    1      2      3      4
                NO. ANIMALS:  25    25    25    25
-----
VAGINA          CONT'D.    25    3     3     24
- Epithel.Cel.Hyperpl.
                GRADE 2 :    -     1     -     -
                GRADE 3 :    1     -     -     -

                TOTAL AFFECTED :    1     1     -     -
                MEAN SEVERITY :  3.0  2.0     -     -
-----
    
```

Table: 69

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 1, MALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29302
.....

TESTES
- 01: REDUCED IN SIZE, SOFT. - no macro/micro correlation
EPIDIDYMIDES
- 01: REDUCED IN SIZE. - no macro/micro correlation
.....

ANIMAL NO: B29303
.....

TESTES
- 01: LEFT, REDUCED IN SIZE. - NOT SUBMITTED FOR EXAMINATION.
EPIDIDYMIDES
- 01: LEFT, REDUCED IN SIZE. - NOT SUBMITTED FOR EXAMINATION.
.....

ANIMAL NO: B29304
.....

KIDNEYS
- 01: PALENESS. - NOT SPECIFIED.
SPLEEN
- 01: REDUCED IN SIZE. - NOT SPECIFIED.
.....

ANIMAL NO: B29314
.....

SPLEEN
- 01: ENLARGED. - Lymphoid cell hyperplasia, grade 2
.....

ANIMAL NO: B29315
.....

KIDNEYS
- 01: RIGHT: DILATED PELVIS. - Dilated pelvis, unilateral, grade 3.
.....

Table: 69 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 1, MALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

.....

ANIMAL NO: B29320

.....

THYMUS

- 01: FOCI REDDISH/PURPLISH, SEVERAL, UP TO 0.1 CM IN DIAMETER. - Capillary hemorrhage, grade 3.

.....

Table: 69 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 1, FEMALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29702
.....

UTERUS

- 01: BOTH HORNS: SEROUS CONTENTS. - Proestrus, residual morphology of
pseudo-pregnancy.

ADIPOSE TISSUE

- 01: OVARIAN REGION, NODULE - Fat necrosis, grade 2.
YELLOWISH, APPROX 0.5 CM IN
DIAMETER, (A).
.....

ANIMAL NO: B29703
.....

ILEUM

- 01: MUCOSA: WHITISH COLOR. - NOTHING ABNORMAL DISCOVERED.
.....

ANIMAL NO: B29706
.....

ADRENAL GLANDS

- 01: LEFT: FOCUS BROWNISH/BLACKISH, - NOTHING ABNORMAL DISCOVERED.
APPROX 0.2 CM IN DIAMETER.
.....

ANIMAL NO: B29722
.....

UTERUS

- 01: BOTH HORNS: SEROUS CONTENTS. - Proestrus.
.....

Table: 69 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 2, MALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29328
.....

THYMUS

- 01: RIGHT LOBE: REDUCED IN SIZE. - NOT SPECIFIED.
.....

ANIMAL NO: B29333
.....

TESTIS, RIGHT

FDG.01, TESTES

- Reduced number of tailed

FDG.01, TESTES

- Reduced number of tailed

EPIDIDYMIS, RIGHT

FDG.01, EPIDIDYMIDES

- Oligospermia, grade 4.

TESTES

- 01: SOFT, REDUCED IN SIZE.

- SEE UNDER: TESTIS, RIGHT.

EPIDIDYMIDES

- 01: REDUCED IN SIZE.
.....

- SEE UNDER: EPIDIDYMIS, RIGHT.
.....

ANIMAL NO: B29340
.....

TESTIS, RIGHT

FDG.01, TESTES

- Seminiferous tubules lined by

FDG.01, TESTES

- Seminiferous tubules lined by

TESTES

- 01: RIGHT: TRANSLUCENT ASPECT.

- SEE UNDER: TESTIS, RIGHT.

EPIDIDYMIDES

- 01: RIGHT: REDUCED IN SIZE.
.....

- NOT SUBMITTED FOR EXAMINATION.
.....

ANIMAL NO: B29341
.....

ADRENAL GLANDS

- 01: RIGHT: REDUCED IN SIZE.

- NOTHING ABNORMAL DISCOVERED.

Table: 69 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY		DOSE GROUP 2, MALE
NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING	
TESTES		
- 01: LEFT: ENLARGED.	- NOT SUBMITTED FOR EXAMINATION.	
.....		
		ANIMAL NO: B29346
.....		
KIDNEYS		
- 01: IRREGULAR COLOR.	- NOT SPECIFIED.	
.....		
		ANIMAL NO: B29350
.....		
TESTIS, RIGHT		
FDG.01, TESTES	- Reduced number of tailed	
FDG.01, TESTES	- Reduced number of tailed	
EPIDIDYMIS, RIGHT		
FDG.01, EPIDIDYMIDES	- Oligospermia, grade 4.	
TESTES		
- 01: REDUCED IN SIZE.	- SEE UNDER: TESTIS, RIGHT.	
EPIDIDYMIDES		
- 01: REDUCED IN SIZE, TRANSLUCENT ASPECT.	- SEE UNDER: EPIDIDYMIS, RIGHT.	
.....		

Table: 69 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY		DOSE GROUP 2, FEMALE
NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING	
		ANIMAL NO: B29727
UTERUS		
- 01: BOTH HORNS: SEROUS CONTENTS.	- NOT SPECIFIED.	
.....		
		ANIMAL NO: B29738
THYROID GLANDS		
- 01: LEFT: ENLARGED.	- NOTHING ABNORMAL DISCOVERED.	
.....		
		ANIMAL NO: B29739
ILEUM		
- 01: DISTENDED WITH GAS.	- NOTHING ABNORMAL DISCOVERED.	
.....		
		ANIMAL NO: B29747
UTERUS		
- 01: BOTH HORNS: SEROUS CONTENTS.	- NOT SPECIFIED.	
.....		

Table: 69 (continued)

 CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 3, MALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29354

.....

KIDNEYS

- 01: PALENESS.

- NOT SPECIFIED.

.....

ANIMAL NO: B29357

.....

TESTIS, RIGHT

FDG.01, TESTES

- Reduced number of tailed

FDG.01, TESTES

- Reduced number of tailed

EPIDIDYMIS, RIGHT

FDG.01, EPIDIDYMIDES

- Oligospermia, grade 3. Exfoliated

FDG.01, EPIDIDYMIDES

- Oligospermia, grade 3. Exfoliated

TESTES

- 01: REDUCED IN SIZE, SOFT.

- SEE UNDER: TESTIS, RIGHT.

EPIDIDYMIDES

- 01: REDUCED IN SIZE.

- SEE UNDER: EPIDIDYMIS, RIGHT.

KIDNEYS

- 01: PALENESS.

- Tubular basophilia,
 bilateral, grade 3. Peritubular
 fibrosis, bilateral, grade 3.
 Acidophilic globules in cortical
 tubular epithelium,
 bilateral, grade 4.
 Degenerated/necrotic cells
 sloughed in tubular lumens,
 bilateral, grade 3. Tubular
 dilatation, bilateral, grade 2.

.....

Table: 69 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY		DOSE GROUP 3, MALE
NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING	
		ANIMAL NO: B29359
	
KIDNEYS		
- 01: GREY/GREEN COLOR.	- NOT SPECIFIED.	
.....		
		ANIMAL NO: B29363
	
KIDNEYS		
- 01: RIGHT: DILATED PELVIS.	- NOT SPECIFIED.	
.....		
		ANIMAL NO: B29369
	
KIDNEYS		
- 01: PALENESS.	- NOT SPECIFIED.	
.....		
		ANIMAL NO: B29370
	
KIDNEYS		
- 01: IRREGULAR COLOR.	- NOT SPECIFIED.	
.....		
		ANIMAL NO: B29372
	
ADIPOSE TISSUE		
- 01: PANCREATIC REGION, NODULE	- NOT SPECIFIED.	
REDDISH/PURPLISH, APPROX 0.4		
CM IN DIAMETER, (A).		
.....		

Table: 69 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY		DOSE GROUP 3, MALE
NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING	
		ANIMAL NO: B29375
LUNGS		.....
- 01: DILATATION, FOAMY CONTENTS.	- NOT SPECIFIED.	
.....		

Table: 69 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 3, FEMALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29757

UTERUS

- 01: BOTH HORNS: SEROUS CONTENTS. - NOT SPECIFIED.

ANIMAL NO: B29771

UTERUS

- 01: BOTH HORNS: SEROUS CONTENTS. - NOT SPECIFIED.

ANIMAL NO: B29773

UTERUS

- 01: RIGHT HORN, BOTH HORNS: SEROUS - NOTHING ABNORMAL DISCOVERED.
CONTENTS.

Table: 69 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 4, MALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29381
.....

TESTIS, RIGHT
 FDG.01, TESTES - Reduced number of tailed
 FDG.01, TESTES - Reduced number of tailed
EPIDIDYMIS, RIGHT
 FDG.01, EPIDIDYMIDES - Aspermia, grade 5.
TESTES
- 01: SOFT, REDUCED IN SIZE. - SEE UNDER: TESTIS, RIGHT.
EPIDIDYMIDES
- 01: REDUCED IN SIZE. - SEE UNDER: EPIDIDYMIS, RIGHT.
.....

ANIMAL NO: B29387
.....

KIDNEYS
- 01: RIGHT: MASS GREYISH/WHITISH, - Nephroblastoma,
 APPROX 4.5 CM LONG, APPROX 3.5 bilateral, (malignant neoplasm).
 CM WIDE, FIRM, HOMOGENOUS,
 NODULAR.
- 02: LEFT: MASS GREYISH/WHITISH, - Nephroblastoma,
 APPROX 3 CM LONG, APPROX 2 CM bilateral, (malignant neoplasm).
 WIDE, FIRM, HOMOGENOUS,
 NODULAR.
- 03: LEFT: ENLARGED. - Nephroblastoma,
 bilateral, (malignant neoplasm).
SPLEEN
- 01: ENLARGED. - Lymphoid cell hyperplasia, grade
 2. Extramedullary
 hematopoiesis, grade 2.
URINARY BLADDER
- 01: MUCOSA: THICKENED. - NOTHING ABNORMAL DISCOVERED.
.....

Table: 69 (continued)

 CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 4, MALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29390

LIVER
 - 01: ENLARGED. - Hepatocellular hypertrophy,
 centri-lobular, grade 2.

ANIMAL NO: B29391

TESTIS, RIGHT
 FDG.01, TESTES - Reduced number of tailed
 FDG.01, TESTES - Reduced number of tailed
 EPIDIDYMIS, RIGHT
 FDG.01, EPIDIDYMIDES - Oligospermia, grade 4.
 TESTES
 - 01: RIGHT: REDUCED IN SIZE, SOFT. - SEE UNDER: TESTIS, RIGHT.
 EPIDIDYMIDES
 - 01: RIGHT: REDUCED IN SIZE. - SEE UNDER: EPIDIDYMIS, RIGHT.
 KIDNEYS
 - 01: IRREGULAR COLOR. - Acidophilic globules in cortical
 tubular epithelium,
 bilateral, grade 4.

ANIMAL NO: B29398

TESTES
 - 01: LEFT: TRANSLUCENT ASPECT. - NOT SUBMITTED FOR EXAMINATION.
 EPIDIDYMIDES
 - 01: LEFT: REDUCED IN SIZE,
 TRANSLUCENT ASPECT. - NOT SUBMITTED FOR EXAMINATION.
 KIDNEYS
 - 01: RIGHT: DILATED PELVIS. - Dilated pelvis, unilateral, grade
 2.

Table: 69 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY		DOSE GROUP 4, MALE
NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING	
		ANIMAL NO: B29399
LIVER		
- 01: ENLARGED, ACCENTUATED LOBULAR PATTERN.	- Hepatocellular hypertrophy, centri-lobular, grade 3.	
KIDNEYS		
- 01: GREY/GREEN COLOR.	- Acidophilic globules in cortical tubular epithelium, bilateral, grade 3.	
	

Table: 69 (continued)

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 4, FEMALE

NECROPSY OBSERVATION CORRESPONDING MICROSCOPIC FINDING

ANIMAL NO: B29776
.....

UTERUS

- 01: BOTH HORNS: SEROUS CONTENTS. - Proestrus, with morphology of
previous pseudo-pregnancy.
.....

ANIMAL NO: B29777
.....

GENERAL OBSERVATION

- 01: DIED AFTER TREATMENT. - NOT SPECIFIED.
.....

ANIMAL NO: B29785
.....

PALPABLE MASSES

- 01: MASS WHITISH, APPROX 1.5 CM - Mammary Fibroadenoma, (benign
LONG, APPROX 1.5 CM WIDE, neoplasm).
FIRM, HOMOGENEOUS.
.....

ANIMAL NO: B29789
.....

GENERAL OBSERVATION

- 01: CLINICAL OBSERVATIONS NOT SEEN - NOT SPECIFIED.
AT NECROPSY, NECROSED TAIL.
.....

Table 70

Summary table - F1 parents

**Total number of primordial follicles counted for the two ovaries
Number of animals with up to ten or a multiple of ten primordial follicles**

Dose-level (mg/kg/day)	0	1000
$0 \leq n \leq 10$	5 / 25	9 / 24
$10 < n \leq 20$	13 / 25	9 / 24
$20 < n \leq 30$	2 / 25	4 / 24
$30 < n \leq 40$	4 / 25	1 / 24
$40 < n \leq 50$	1 / 25	0 / 24
$50 < n \leq 60$	0 / 25	1 / 24
Total number of animals	25 / 25	24 / 24
Number of animals with up to 60 primordial follicles	25 / 25	23 / 24

Table 71

Summary table - F1 parents

**Total number of growing follicles counted for the two ovaries
Number of animals with up to three or a multiple of three growing follicles**

Dose-level (mg/kg/day)	0	1000
$0 \leq n \leq 3$	17 / 25	20 / 24
$3 < n \leq 6$	6 / 25	3 / 24
$6 < n \leq 9$	1 / 25	1 / 24
$9 < n \leq 12$	1 / 25	0 / 24
Total number of animals	25 / 25	24 / 24
Number of animals with up to 12 growing follicles	23 / 25	23 / 24

Table: 72

F2 GENERATION
CLINICAL SIGNS (Summary table/Males)

MALES

Dose (mg/kg/day)	0	250	500	1000
Mortality				
FINAL SACRIFICE	25	25	25	25
General aspect				
ROUND BACK	0	0	0	1
PILOERECTION	0	0	0	1
Secretion/Excretion				
PITYALISM immediately post-dosing	2	8	4	13
Miscellaneous				
ABNORMAL GROWTH OF TEETH (cut regulary)	0	0	0	1
Normal				
NO REMARKABLE OBSERVATIONS	23	17	21	12

Table: 73

F2 GENERATION

CLINICAL SIGNS (Summary table/Females/Premating period)

FEMALES

Dose (mg/kg/day)	0	250	500	1000
Mortality				
FINAL SACRIFICE	24	25	25	25
FOUND DEAD (after treatment)	1	0	0	0
Secretion/Excretion				
PITYALISM immediately post-dosing	0	2	3	11
Normal				
NO REMARKABLE OBSERVATIONS	25	23	22	14

Table: 74

F2 GENERATION
BODY WEIGHTS (Mean values/Grams/Males)

MALES

		Dose (mg/kg/day)	0	250	500	1000
Day 1	MEAN		54 d	57	54	55
	S.D.		5	5	7	5
	N		25	25	25	25
Day 8	MEAN		92 d	95	92	91
	S.D.		7	7	10	12
	N		25	25	25	25
Day 15	MEAN		148 d	152	143	148
	S.D.		11	11	16	19
	N		25	25	25	25
Day 22	MEAN		211 d	216	201	208
	S.D.		15	16	24	25
	N		25	25	25	25

Statistical key: d=ANOVA + Dunnett-test

Table: 75

F2 GENERATION
BODY WEIGHT CHANGE (Mean values/Grams/Males)

MALES

Dose (mg/kg/day)		0	250	500	1000
Day 1 TO 8	MEAN	38 d	38	38	37
	S.D.	3	4	5	8
	N	25	25	25	25
mean percent change	MEAN%	71.7	66.5	71.1	66.8
Day 8 TO 15	MEAN	56 d	58	51*	56
	S.D.	6	5	9	8
	N	25	25	25	25
mean percent change	MEAN%	61.4	61.1	55.7	61.7
Day 15 TO 22	MEAN	62 d	64	58	61
	S.D.	6	6	13	8
	N	25	25	25	25
mean percent change	MEAN%	42.2	41.8	40.8	41.5
Day 1 TO 22	MEAN	157 d	159	147	154
	S.D.	13	13	22	21
	N	25	25	25	25
mean percent change	MEAN%	294.9	280.5	276.4	280.7

Statistical key: d=ANOVA + Dunnett-test * = p<0.05

Table: 76

F2 GENERATION

BODY WEIGHTS (Mean values/Grams/Females/Premating period)

FEMALES

		Dose (mg/kg/day)	0	250	500	1000
Day 1	MEAN		52 d	53	52	52
	S.D.		5	5	7	4
	N		25	25	25	25
Day 8	MEAN		86 d	86	85	84
	S.D.		7	7	10	7
	N		25	25	25	25
Day 15	MEAN		130 d	129	127	127
	S.D.		10	12	15	10
	N		25	25	25	25
Day 22	MEAN		166 d	164	162	160
	S.D.		14	14	15	13
	N		25	25	25	25

Statistical key: d=ANOVA + Dunnett-test

Table: 77

F2 GENERATION

BODY WEIGHT CHANGE (Mean values/Grams/Females/Premating period)

FEMALES

Dose (mg/kg/day)			0	250	500	1000
Day 1 TO 8	MEAN	34 d	33	33	33	32
	S.D.		4	3	5	4
	N		25	25	25	25
mean percent change	MEAN%		65.2	61.6	63.6	62.2
Day 8 TO 15	MEAN	44 d	43	42	43	43
	S.D.		5	8	6	5
	N		25	25	25	25
mean percent change	MEAN%		50.9	49.5	48.9	50.8
Day 15 TO 22	MEAN	36 d	36	35	33	33
	S.D.		6	5	6	6
	N		25	25	25	25
mean percent change	MEAN%		27.5	27.8	28.2	26.3
Day 1 TO 22	MEAN	114 d	111	110	108	108
	S.D.		12	11	12	12
	N		25	25	25	25
mean percent change	MEAN%		218.4	208.9	212.4	209.4

Statistical key: d=ANOVA + Dunnett-test

Table: 78

F2 GENERATION

FOOD CONSUMPTION (Mean values/Grams per day/Males)

MALES

Dose (mg/kg/day)			0	250	500	1000
Day 1 TO 8	MEAN		14 d	16**	15	15
	S.D.		2	3	1	2
	N		25	25	25	25
Day 8 TO 15	MEAN		19 d	19	18	19
	S.D.		2	2	2	2
	N		25	25	25	25
Day 15 TO 22	MEAN		25 d	25	22*	25
	S.D.		2	2	4	3
	N		25	25	25	25

Statistical key: d=ANOVA + Dunnett-test * = p<0.05 ** = p<0.01

Table: 79

F2 GENERATION

FOOD CONSUMPTION (Mean values/Grams per day/Females/Premating period)

FEMALES

Dose (mg/kg/day)			0	250	500	1000
Day 1 TO 8	MEAN		13 d	14	13	14
	S.D.		1	2	2	2
	N		25	25	25	25
Day 8 TO 15	MEAN		17 d	16	16	16
	S.D.		1	2	2	1
	N		25	25	25	25
Day 15 TO 22	MEAN		19 d	19	19	19
	S.D.		2	2	2	2
	N		25	25	25	25

Statistical key: d=ANOVA + Dunnett-test

Table 80

F 2 GENERATION
SUMMARY OF CLEAVAGE OF THE BALANOPREPUTIAL GLAND

Sex: male

	Dose-level (mg/kg/day)			
	0	250	500	1000
n	25	25	25	25
Mean age of appearance	36	35	35	36
SD	2	1	2	3
Mean body weight on				
positive days (grams)	148.3	140.0	139.8	147.9
SD	21.5	11.0	14.0	16.1

Table 81

**F 2 GENERATION
SUMMARY OF VAGINAL OPENING**

Sex: female

	Dose-level (mg/kg/day)			
	0	250	500	1000
n	25	25	25	25
Mean age of appearance	35	34	34	33
SD	3	2	4	2
Mean body weight on positive days (grams)	124.1	119.0	112.2	109.9
SD	19.4	17.2	18.0	13.8

Table: 82

F2 GENERATION
SUMMARY OF NECROPSY OBSERVATIONS

Dose (mg/kg/day)		0	250	500	1000
MALES	N	25	25	25	25
KIDNEY	N	1	2	2	1
KIDNEY: DILATED PELVIS	N	1 f	2	2	1
	%	4.0	8.0	8.0	4.0
INTESTINES	N	0	1	0	0
INTESTINES: DISTENDED WITH GAS	N	0 f	1	0	0
	%	0.0	4.0	0.0	0.0
NO REMARKABLE OBSERVATIONS		24	22	23	24

Statistical key: f=Fishers exact test

Table: 83

F2 GENERATION
SUMMARY OF NECROPSY OBSERVATIONS

Dose (mg/kg/day)		0	250	500	1000
FEMALES	N	25	25	25	25
TRACHEA	N	1	0	0	0
TRACHEA: FOAMY CONTENTS	N	1 f	0	0	0
	%	4.0	0.0	0.0	0.0
LUNGS	N	1	0	0	0
LUNG: FOAMY CONTENTS	N	1 f	0	0	0
	%	4.0	0.0	0.0	0.0
LUNG: REDDISH COLOR	N	1 f	0	0	0
	%	4.0	0.0	0.0	0.0
LIVER	N	0	0	1	0
LIVER: BROWNISH NODULE(S)	N	0 f	0	1	0
	%	0.0	0.0	4.0	0.0
UTERUS	N	3	2	5	3
UTERUS: SEROUS CONTENTS IN UTERINE HORN	N	3 f	2	5	3
	%	12.0	8.0	20.0	12.0
UTERUS: DILATATION OF UTERINE HORN	N	2 f	0	0	0
	%	8.0	0.0	0.0	0.0
NO REMARKABLE OBSERVATIONS		21	23	20	22

Statistical key: f=Fishers exact test

APPENDICES

1. Analytical certificates of the test item

TOTAL FINA ELF

Raffinerie des Flandres

BULLETIN D'ANALYSE

Produit 2325 Client
C.I.T.
Destinataire Lib. produit ETBE
Moyen d'expédition ROUTE Destination EVREUX

Prélèvement Lieu	Date	Détermination	Norme de référence	Unité de mesure	Résultat
BAC	B026	308596 du 19/06/2003			
		PROPYLENE %	IFP-9412-1	% pds	0
		PROPANE	IFP-9412-1	% pds	0
		PROPADIENE	IFP-9412-1	% pds	0
		CYCLOPROPANE	IFP-9412-1	% pds	0
		ISOBUTANE	IFP-9412-1	% pds	0
		(ISO+1)BUTENE	IFP-9412-1	% pds	0
		BUTADIENE-1,3	IFP-9412-1	% pds	0
		N-BUTANE	IFP-9412-1	% pds	0
		BUTENE-2-T	IFP-9412-1	% pds	0
		ETHANOL	IFP-9412-1	% pds	0
		3-M-BUTENE-1	IFP-9412-1	% pds	0
		I-PENTANE	IFP-9412-1	% pds	0
		PENTENE-1	IFP-9412-1	% pds	0
		2-M-BUTENE-1	IFP-9412-1	% pds	0
		N-PENTANE	IFP-9412-1	% pds	0
		D.E.E.	IFP-9412-1	% pds	0
		T.B.A.	IFP-9412-1	% pds	0
		2M2-BUTENE	IFP-9412-1	% pds	0
		E.T.B.E.	IFP-9412-1	% pds	99,97
		E.S.B.E.	IFP-9412-1	% pds	0
		M.T.B.E.	IFP-9412-1	% pds	0
		M.S.B.E.	IFP-9412-1	% pds	0
		S.B.A.	IFP-9412-1	% pds	0
		T-PENTENE-2	IFP-9412-1	% pds	0
		E.T.A.E.	IFP-9412-1	% pds	0
		SOMME C4	IFP-9412-1	% pds	0
		SOMME C5 ET + DIMERES	IFP-9412-1	% pds	0

PAGE 1 / 1

POUR TOTAL FINA ELF RAFFINERIE DES FLANDRES :

Le jeudi - 26/06/03

Raffinerie des Flandres - BP 79
59279 LOON PLAGE
Tél 03 28 26 35 00

TotalFinaElf France
Société Anonyme au capital de 623 728 035 EUR
Siège social : 24 cours Michelet
92800 Puteaux - France
SIREN : 542 034 921 RCS Nanterre

TOTAL FINA ELF

RAFFINAGE ET MARKETING
DIRECTION RECHERCHE
Centre de Recherche de SOLAIZE

MEMO

Destinataire / To : JP. GENNART (RM/RAF/HSE)

Expéditeur / From : C. CHAMBON

Tél. : 04-78-02-61-70

Fax : 04-78-02-60-89

Date : 26/09/2002

Copies :

Référence : RM/RAF/RECH/CRES/CMA - 2002/403 cc/cc

OBJET / Subject : Characterization of a purified ETBE sample
Service request # RM/RAF/RECH/CRES/CMA-2002/365
(Analyse Shift # B16272)

In order to study the toxicity of ETBE on the reproduction, the Research Center of Solaize has been requested to characterize a sample of purified ETBE. The initial ETBE, supplied by Feyzin Refinery was purified by a subcontractor.

Analysis was done by gas chromatography according to an internal method (reference MA0146). The compounds identification was realised by gas chromatography coupled with a mass spectrometer detector.

As this kind of analysis is not done frequently by the Research Center, the repeatability of the method applied to an ETBE sample is unknown. Also, measurement precision cannot be provided.

The results and the chromatogram obtained are presented in the following pages.

No EtOH presence has been detected by GC-MS : it means that if EtOH is present, its content level is lower than 0.01% mass/mass.

Accessibilité :
B.P. 22
69360 - SOLAIZE
(France)

CONFIDENTIEL

TOTALFINAELF

LIBRE

DOC/AQ 049 Rév. 1

RM/RAF/RECH/CRES/CMA - 2002/403 cc/cc

2/3

Compounds	Content % m/m	Content % v/v
n-butane	0.03	0.05
Isopentane	0.43	0.53
Isobutene + 1-butene	0.01	0.01
Trans-2-butene	0.12	0.15
Cis-2-butene	0.25	0.30
3-méthyl-1-butene	0.13	0.15
C ₅ -olefin	0.03	0.03
C ₆ -olefin	0.04	0.05
C ₇ -olefin	0.15	0.16
C ₈ -olefin	0.05	0.05
C ₈ -olefin	0.03	0.03
ABT (Tertio butyl alcool)	0.06	0.06
ETBE	98.37 min.	98.14
ESBE (Ethyl sec. butyl ether)	0.15	0.15
C ₇ Oxygenated compound	0.04	0.04
C ₇ Oxygenated compound	0.08	0.08
Unknown compound	0.01	

It is important to notice that the results in % v/v have been obtained using average density for the unknown compounds (C8-olefins for example).

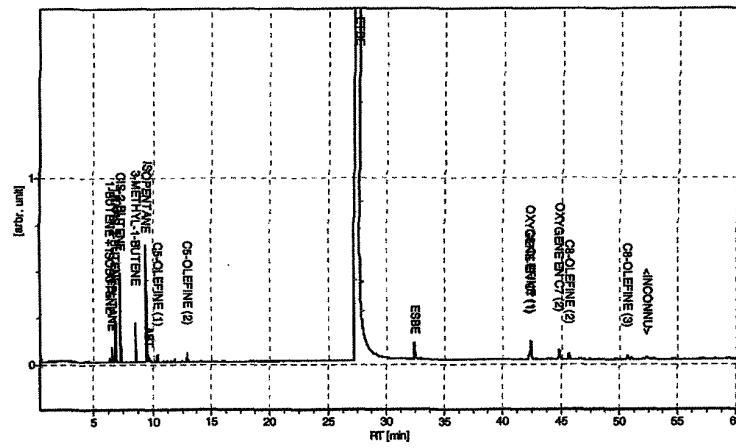
Analysis was realised by D. FADEL (+33-(0)4-78-02-62-63) and S. JACQUETTON (+33-(0)4-78-02-63-40).

C. CHAMBON

RM/RAF/RECH/CRES/CMA - 2002/403 cc/cc

3 / 3

Annexe : chromatogram obtained according to the internal method MA0146



2. Determination of ETHYL TERTIARY BUTYL ETHER (ETBE) in the dosage forms

Determination of ETHYL TERTIARY BUTYL ETHER (ETBE) in the dosage forms

Principle

An aliquot of each dosage form was diluted then analyzed by Gas Liquid Chromatography with Flame Ionization Detection (FID). The concentration of the test item was determined from a calibration curve of peak area against concentration of ETHYL TERTIARY BUTYL ETHER (ETBE) in standard solutions (external standard calibration).

The analytical procedure used was validated according to CIT procedures before a previous study with the same test item (*CIT/Study No. 24168 RSR*). The validation data demonstrated the suitability of the method for analysis of the dosage form; a summary of validation results were presented in the *Study report No. 24168 RSR*.

Sample preparation

An aliquot (1 mL) of each dosage form under magnetic stirring was sampled (weighed accurately) in a tube and diluted ten-fold with diethyl ether. Subsequently, serial dilutions in diethyl ether were carried out to achieve target concentrations in a range 5-200 µg/mL of test item.

From the aliquot of dosage form sampled (weighed accurately), the real volume of the aliquot analyzed was determined (taking into account the density of each preparation) and the value of the first dilution factor was calculated.

Chromatographic conditions (GLC/ECD)

Column	: DB5 (J&W Scientific) length = 30 m inner diameter = 0.53 mm film thickness = 5 µm
Vector gas	: Helium pressure = 10 psi flow-rate = 15 mL/min
Autosampler	: Varian 8100 or Varian CP-8400
Injector	: temperature = 250°C split mode injection leak flow rate = 150 mL/min (split ratio = 1/10) injected volume = 2 µL
Detector	: Flame Ionization Detection temperature = 300°C Air flow rate = 300 mL/min Hydrogen flow rate = 30 mL/min make-up flow rate (Helium) = 10 mL/min
Oven	: Varian 3400 or Varian CP-3800

Column temperature : initial temperature = 50°C (3 min)
final temperature = 200°C
ramp = 25°C/min

Data acquisition software : Multichrom 2 (Fisons Instruments)

Retention time : ETHYL TERTIARY BUTYL ETHER (ETBE), approx 2 min

Analysis time : 3 min

Calibration curve

Peak areas were determined for standard solutions ranging from 5 µg/mL to 200 µg/mL of ETHYL TERTIARY BUTYL ETHER (ETBE). A calibration curve was obtained by linear regression analysis of peak areas against concentrations.

The regression analysis of the calibration data gave an equation of the following form:

$$Y = aX + b$$

where: Y = peak area of ETHYL TERTIARY BUTYL ETHER (ETBE) (µVs),
X = concentration of ETHYL TERTIARY BUTYL ETHER (ETBE) (mg/mL),
a = slope value
b = intercept

Assay

Diluted samples of dosage form were analyzed by Gas Liquid Chromatography with FID detection.

Each sample was diluted appropriately, and one injection was performed for each final dilution.

The ETHYL TERTIARY BUTYL ETHER (ETBE) peak area was determined for each sample and the concentration of the test item was calculated using the equation obtained from the calibration data.

All the results are expressed as mg/mL of ETHYL TERTIARY BUTYL ETHER (ETBE).

Results

The results are presented in Tables 1 to 5.

Table 1: HOMOGENEITY OF THE TEST ITEM (Batch No. S02-08-159-13/1) IN THE DOSAGE FORMS

Nominal concentration (mg/mL)	Sampling level	Obtained concentration (mg/mL)			Mean (n=6) CV [1]
		Assay 1	Assay 2	Mean	
62.5	Top	56.2	59.4	57.8	60.3
	Middle	61.2	59.4	60.3	CV = 4 %
	Bottom	61.0	64.3	62.7	-4%
250	Top	196	230	213	228
	Middle	241	246	244	CV = 8 %
	Bottom	216	236	226	-9%

CV: coefficient of variation (100 x SD/mean)

[1] Deviation from nominal value (%)

Table 2: HOMOGENEITY OF THE TEST ITEM (Batch No. 308 596) IN THE DOSAGE FORMS

Nominal concentration (mg/mL)	Sampling level	Obtained concentration (mg/mL)			Mean (n=6) CV [1]
		Assay 1	Assay 2	Mean	
62.5	Top	51.2	61.4	56.3	62.4
	Middle	67.3	62.6	65.0	CV = 10 %
	Bottom	68.8	63.2	66.0	0%
250	Top	208	261	235	240
	Middle	241	249	245	CV = 7 %
	Bottom	246	236	241	-4%

CV: coefficient of variation (100 x SD/mean)

[1] Deviation from nominal value (%)

**Table 3: STABILITY OF TEST ITEM (Batch No. 308 596)
IN THE DOSAGE FORMS STORED AT ROOM TEMPERATURE**

Nominal concentration (mg/mL)	Sampling day	Obtained concentration (mg/mL)			Deviation from nominal value
		Assay 1	Assay 2	Mean	
62.5	day 0			62.4*	0%
	day 4	62.1	58.8	60.5	-3%
	day 9	60.2	58.8	59.5	-5%
	<i>Deviation on day 9 from initial value on day 0:</i>				<i>-5%</i>
250	day 0			240*	-4%
	day 4	232	263	248	-1%
	day 9	247	221	234	-6%
	<i>Deviation on day 9 from initial value on day 0:</i>				<i>-3%</i>

*: Mean value of homogeneity at day 0

Table 4: CONCENTRATION OF THE TEST ITEM IN ADMINISTERED DOSAGE FORMS FOR THE F0 GENERATION

Group	Nominal concentration (mg/mL)	Actual concentration (F0 generation) (mg/mL)					
		Week 1	Week 2	Week 6	Week 10	Week 14	Week 18
1	0	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
	<i>Deviation from nominal value :</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>
		[66.5-59.4]*		[57.7-58.0]*			
2	62.5	63.0	64.6	57.9	66.5	58.0	63.6
	<i>Deviation from nominal value :</i>	<i>1%</i>	<i>3%</i>	<i>-7%</i>	<i>6%</i>	<i>-7%</i>	<i>2%</i>
		[127-139]*					
3	125	133	124	113	130	128	133
	<i>Deviation from nominal value :</i>	<i>6%</i>	<i>-1%</i>	<i>-10%</i>	<i>4%</i>	<i>2%</i>	<i>6%</i>
		[235-274]*		[232-252]*			[258-264]*
4	250	255	226	242	226	227	261
	<i>Deviation from nominal value :</i>	<i>2%</i>	<i>-10%</i>	<i>-3%</i>	<i>-10%</i>	<i>-9%</i>	<i>4%</i>

*: individual values of replicate determinations used to the mean value (written below)

BLQ: Below Limit of Quantification (< 0.1 mg/mL)

nc: not calculated

Table 5: CONCENTRATION OF THE TEST ITEM IN ADMINISTERED DOSAGE FORMS FOR THE F1 GENERATION

Group	Nominal concentration (mg/mL)	Actual concentration (F1 generation) (mg/mL)				
		Week 1	Week 6	Week 9	Week 13	Week 17
1	0	BLQ	BLQ	BLQ	BLQ	BLQ
	<i>Deviation from nominal value :</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>	<i>nc</i>
2	62.5	63.6	64.9	57.7	59.6	65.3
	<i>Deviation from nominal value :</i>	2%	4%	-8%	-5%	4%
3	125	133	135	119	125	132
	<i>Deviation from nominal value :</i>	6%	8%	-5%	0%	6%
4	250	261	237	265	234	233
	<i>Deviation from nominal value :</i>	4%	-5%	6%	-6%	-7%

*: individual values of replicate determinations used to the mean value (written below)

BLQ: Below Limit of Quantification (< 0.1 mg/mL)

nc: not calculated

3. Diet formula

Ref: A04

COMPLETE DIET

RAT AND MOUSE MAINTENANCE DIET

Appearance: 15 mm diameter pellets or powder

Conditioning: 20 kg double paper bag with aluminium on the outside

Daily portion: Rat 15-25 g, Mouse 5-10 g, water *ad libitum*.

FORMULA %

Cereals and cereal biproducts	83.9
Vegetable protein (soya bean meal, yeast)	8
Animal protein (fish)	4
Vitamin and mineral mixture	4.1

AVERAGE ANALYSIS %

Calorific value (KCal/kg)	2900
Moisture	12
Proteins	16
Lipids	3
Carbohydrates (N.F.E.)	60
Fibre	4
Minerals (ash)	5

	MINERALS (calculated in mg/kg)		
	Nat val.	CMV val.	Total
P	5900	0	5900
Ca	3300	5000	8300
K	6700	0	6700
Na	900	1600	2500
Mg	1900	100	2000
Mn	20	40	60
Fe	90	150	240
Cu	Traces	15	16
Zn	40	45	85
Co	T	1.5	1.5
I	0.3	0	0.3

AMINO ACID VALUES

(calculated in mg/kg)

Arginine	9800
Cystine	2300
Lysine	7700
Methionine	2800
Tryptophan	1900
Glycine	8100

FATTY ACID VALUES

(calculated in mg/kg)

Palmitic acid	4000
Palmitoleic acid	600
Stearic acid	Traces
Oleic acid	6400
Linoleic acid	12400
Linolenic acid	90

	VITAMINS (calculated per kg)		
	Nat val.	CMV val.	Total
Vitamin A	Traces	7500 IU	7500 IU
Vitamin D3	Traces	1000 IU	1000 IU
Vitamin B1	6 mg	1 mg	7 mg
Vitamin B2	2 mg	4.5 mg	6.5 mg
Vitamin B3	10 mg	6.5 mg	16.5 mg
Vitamin B6	1.3 mg	1.3 mg	2.6 mg
Vitamin B12	0.01 mg	0.01 mg	0.02 mg
Vitamin E	15 mg	15 mg	30 mg
Vitamin K3	0.25 mg	2.25 mg	2.5 mg
Vitamin PP	60 mg	15 mg	75 mg
Folic acid	0.5 mg	0 mg	0.5 mg
Biotin	0.04 mg	0 mg	0.04 mg
Choline	1200 mg	400 mg	1600 mg

Available under quality "Control Ref.: A04 C "

SAFE, 7 rue Galliéni, Villemoisson, 91360 Epinay-sur-Orge

Tel: 01.69.04.03.57 - Fax: 01.69.04.81.97

(Ref. Doc. UAR: 2000)

4. F0 generation - clinical history (individual findings/males)

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29201	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29202	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29203	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29204	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29205	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29206	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29207	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29208	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29209	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29210	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29211	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29212	Normal Mortality Secretion/Excretion Skin	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing AREA OF HAIR LOSS ON HINDLIMB, R AREA OF HAIR LOSS ON FORELIMB, B AREA OF HAIR LOSS ON FORELIMB, R	1 to 13, 15 to 16, 18, 20, 22 to 82 120 14 17, 19, 21 83 to end 83 to 118 119 to end

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29213	Normal Mortality Skin	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B AREA OF HAIR LOSS ON ABDOMEN	1 to 65, 95 to end 120 84 to 94 66 to 94
B29214	Normal Mortality Secretion/Excretion Skin	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE CHROMODACRYORRHEA AREA OF HAIR LOSS ON FORELIMB, B	1 to 65, 72 to 79 120 66 to 71 80 to end
B29215	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29216	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29217	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29218	Normal Mortality Skin	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B	1 to 83, 95 to 118 120 84 to 94, 119 to end
B29219	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29220	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29221	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing	1 to 20, 22 to 70, 72 to 80, 82 to 119, 121 121 71, 81, 120 21
B29222	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE REGURGITATION	1 to 75, 79 to end 121 76 to 78
B29223	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29223 (CONTINUED) Mortality	FINAL SACRIFICE	121
B29224 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 121
B29225 Normal Mortality Skin	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B	1 to 82, 95 to end 121 83 to 94

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29226	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29227	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29228	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29229	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 20, 22 to 80, 92 to end 117 21, 81 to 91
B29230	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 80, 92 to end 117 81 to 91
B29231	Normal Mortality Skin	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B AREA OF HAIR LOSS ON ABDOMEN	1 to 64 117 65 to end 77 to end
B29232	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 9, 12, 14 to 20, 22 to end 117 10 to 11, 13, 21
B29233	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 13, 15 to 19, 21 to end 117 14, 20
B29234	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing	1 to 13, 15 to 16, 18 to 65, 67 to end 117 14, 66 17
B29235	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29236	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29237	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29238	Normal Mortality Skin	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE AREA OF HAIR LOSS ON HINDLIMB, B AREA OF HAIR LOSS ON FORELIMB, B	1 to 58 120 59 to 60 61 to end
B29239	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29240	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29241	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29242	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29243	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29244	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 13, 15 to 65, 67 to end 120 14, 66
B29245	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 120
B29246	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 121
B29247	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing	1 to 9, 11, 13 to 14, 16 to end 121 10, 12 15
B29248	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 121

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29249	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 121
B29250	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 121

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29251	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing	1 to 16, 18 to 71, 74 to 79, 92 to end 117 72 to 73, 80 to 91 17
B29252	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 80, 96 to end 117 81 to 95
B29253	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 79, 81 to end 117 80
B29254	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 9, 11 to 13, 15 to 58, 64 to 66, 68 to 79, 83 to end 117 10, 14, 59 to 63, 67, 80 to 82
B29255	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29256	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 117
B29257	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 80, 96 to end 117 71, 81 to 95
B29258	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing	1 to 12, 15, 17 to 19, 21 to 33, 35 to 58, 64 to 66, 68 to 79, 83 to end 117 13 to 14, 20, 34, 59 to 63, 67, 80 to 82 16
B29259	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 13, 15 to 92, 96 to end 117 14, 93 to 95
B29260	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 12, 15 to 58, 64 to 92, 96 to end

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29260 (CONTINUED)		
Mortality	FINAL SACRIFICE	117
Secretion/Excretion	PTYALISM immediately post-dosing	13 to 14, 59 to 63, 93 to 95
B29261		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 15, 17 to end
Mortality	FINAL SACRIFICE	120
Secretion/Excretion	PTYALISM 1 hour post-dosing	16
B29262		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 10, 12, 14 to 58, 67 to 90, 119 to end
Mortality	FINAL SACRIFICE	120
Secretion/Excretion	PTYALISM immediately post-dosing	11, 13, 59 to 66, 93 to 95
Skin	AREA OF HAIR LOSS ON FORELIMB, L	91 to 118
B29263		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 10, 14 to 19, 21 to 33, 35 to 58, 66 to 71, 73 to 79, 92, 96 to end
Mortality	FINAL SACRIFICE	120
Secretion/Excretion	PTYALISM immediately post-dosing	11 to 13, 20, 34, 59 to 65, 72, 80 to 91, 93 to 95
B29264		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	120
B29265		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 12, 14 to end
Mortality	FINAL SACRIFICE	120
Secretion/Excretion	PTYALISM immediately post-dosing	13
B29266		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 12, 14 to 58, 67 to end
Mortality	FINAL SACRIFICE	120
Breathing	LOUD BREATHING	59 to 66
Secretion/Excretion	PTYALISM immediately post-dosing	13, 59 to 66
B29267		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 58, 67 to 79, 81 to 90, 120
Mortality	FINAL SACRIFICE	120
General aspect	PILLOERECTION	114 to 119
Secretion/Excretion	PTYALISM immediately post-dosing	59 to 66, 80
Miscellaneous	ABNORMAL GROWTH OF TEETH (cut regulary)	91 to 117
B29268		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 13, 15 to 65, 67 to 71, 73 to 92, 96 to end

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29268 (CONTINUED)		
Mortality	FINAL SACRIFICE	120
Secretion/Excretion	PTYALISM immediately post-dosing	14, 66, 72, 93 to 95
B29269		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 10, 14 to 79, 83 to end
Mortality	FINAL SACRIFICE	120
Secretion/Excretion	PTYALISM immediately post-dosing	11 to 13, 80 to 82
B29270		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	120
B29271		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 11, 14 to 15, 17 to 34, 67 to 80, 83 to end
Mortality	FINAL SACRIFICE	121
Secretion/Excretion	PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing	12 to 13, 35 to 66, 81 to 82 16
B29272		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 11, 14 to 16, 18 to 34, 66 to 71, 73 to 79, 96 to 119, 121
Mortality	FINAL SACRIFICE	121
Secretion/Excretion	PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing	12 to 13, 35 to 65, 72, 80 to 95, 120 17
B29273		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 9, 11 to 34, 66 to 119, 121
Mortality	FINAL SACRIFICE	121
Secretion/Excretion	PTYALISM immediately post-dosing	10, 35 to 65, 120
B29274		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 92, 96 to 119, 121
Mortality	FINAL SACRIFICE	121
Secretion/Excretion	PTYALISM immediately post-dosing	93 to 95, 120
B29275		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	121

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29276	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing
		1 to 64, 66, 68 to 69, 72 to 91, 117 117 65, 67, 70 to 71, 92 to 116 67
B29277	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing
		1 to 9, 11, 15 to 58, 66 to 67, 69 to 70, 75 to 79, 92, 96 to 101, 116 to end 117 10, 12 to 14, 59 to 65, 68, 71 to 74, 80 to 91, 93 to 95, 102 to 115 68
B29278	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing
		1 to 12, 15 to 58, 66 to 67, 69 to 101, 116 to end 117 13 to 14, 59 to 65, 68, 102 to 115 68
B29279	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 63, 65 to end 117 64
B29280	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 68, 70 to end 117 69
B29281	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing
		1 to 10, 12, 15 to 33, 35 to 58, 73, 116 to end 117 11, 13 to 14, 34, 59 to 72, 74 to 115 67
B29282	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE
		1 to 10, 13, 15, 18 to 19, 21 to 58, 67 to 69, 71 to 80, 83 to end 117

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29282 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing	11 to 12, 14, 20, 59 to 66, 70, 81 to 82 16 to 17, 20
B29283	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	1 to 12, 14 to 33, 35 to 58, 66 to 82, 92 to 101, 117
Secretion/Excretion	PTYALISM immediately post-dosing	117 13, 34, 59 to 65, 83 to 91, 102 to 116
B29284	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	1 to 12, 14 to 19, 21 to 33, 35 to 58, 67 to 68, 70 to 72, 74 to 101, 117
Secretion/Excretion	PTYALISM immediately post-dosing	117 13, 20, 34, 59 to 66, 69, 73, 102 to 116
B29285	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	1 to end 117
B29286	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	1 to 11, 14 to 15, 17 to 34, 69 to 71, 120
Secretion/Excretion	PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing PTYALISM 4 hour post-dosing	120 12 to 13, 21, 35 to 68, 72 to 119 16, 67 16
B29287	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	1 to 13, 15 to 58, 66 to 74, 83 to end 120
Secretion/Excretion	PTYALISM immediately post-dosing	14, 59 to 65, 75 to 82
B29288	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	1 to 9, 11 to 12, 14 to 20, 22 to 58, 66 to 71, 73 to 79, 83 to end 120
Secretion/Excretion	PTYALISM immediately post-dosing	10, 13, 59 to 65, 72, 80 to 82
B29289	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	1 to end 120
B29290	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	1 to 13, 15 to 58, 66 to 101, 116 to end 120

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29290 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing	14, 59 to 65, 102 to 115
B29291	Normal	1 to 71, 78 to 101, 116, 120
Mortality	FINAL SACRIFICE	120
Secretion/Excretion	PTYALISM immediately post-dosing	72 to 77, 102 to 115, 117 to 119
B29292	Normal	1 to 12, 14 to 34, 66 to 80, 83 to 101, 120
Mortality	FINAL SACRIFICE	120
Secretion/Excretion	PTYALISM	59
	PTYALISM immediately post-dosing	13, 35 to 65, 81 to 82, 102 to 119
B29293	Normal	1 to 9, 11 to 15, 17 to 20, 22 to 34, 66 to 71, 73 to end
Mortality	FINAL SACRIFICE	120
Secretion/Excretion	PTYALISM	21, 35 to 65
	SOILED UROGENITAL AREA	72
	PTYALISM immediately post-dosing	10
	PTYALISM 1 hour post-dosing	16
B29294	Normal	1 to 58, 66 to 69, 71 to 74, 77 to end
Mortality	FINAL SACRIFICE	120
Secretion/Excretion	PTYALISM immediately post-dosing	59 to 65, 70, 75 to 76
B29295	Normal	1 to 12, 14 to 63, 65, 67 to 79, 92 to end
Mortality	FINAL SACRIFICE	120
Secretion/Excretion	PTYALISM immediately post-dosing	13, 64, 66, 80 to 91
B29296	Normal	1 to 9, 11 to 12, 15 to 33, 35 to 63, 67 to 101, 116 to 119, 121
Mortality	FINAL SACRIFICE	121
Secretion/Excretion	PTYALISM immediately post-dosing	10, 13 to 14, 34, 64 to 66, 102 to 115, 120
B29297	Normal	1 to 13, 15, 17 to 68, 70 to 119, 121

F0 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29297 (CONTINUED)		
Mortality	FINAL SACRIFICE	121
Secretion/Excretion	PTYALISM immediately post-dosing	14, 69, 120
	PTYALISM 1 hour post-dosing	16
B29298	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	1 to 19, 21 to 105, 107 to 119, 121
Secretion/Excretion	PTYALISM immediately post-dosing	121
	REGURGITATION	20, 120
		106
B29299	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	1 to 92, 96 to 101, 121
Secretion/Excretion	PTYALISM immediately post-dosing	121
		93 to 95, 102 to 120
B29300	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	1 to 12, 15 to 58, 66 to 79, 96 to 101, 116 to 119, 121
Secretion/Excretion	PTYALISM immediately post-dosing	121
		13 to 14, 59 to 65, 80 to 95, 102 to 115, 120

5. F0 generation - clinical history (individual findings/females/premating period)

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29601	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 74
B29602	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 72
B29603	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29604	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 74
B29605	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73
B29606	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29607	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73
B29608	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73
B29609	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 9, 11 to 72
B29610	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29611	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 77, 79 78
B29612	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 72
B29613	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29614	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 74
B29615	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 74
B29616	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73
B29617	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73
B29618	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29619	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 72 73
B29620	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 77

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29621 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 72
B29622 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 82
B29623 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 72
B29624 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73
B29625 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 72

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 250 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29626	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29627	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 74
B29628	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73
B29629	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29630	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 74
B29631	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 12, 14 to 73 13
B29632	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29633	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73
B29634	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 84
B29635	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29636	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 72
B29637	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29638	Normal Secretion/Excretion Skin	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing AREA OF HAIR LOSS ON BACK	1 to 9, 11 to 72 10 73
B29639	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29640	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 72
B29641	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29642	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 9, 11 to 74 10
B29643	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 9, 11 to 73 10

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29644	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing
		1 to 13, 15 to 71 14
B29645	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 71
B29646	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing
		1 to 12, 14 to 72, 74 13, 73
B29647	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 77
B29648	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 71
B29649	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 72
B29650	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 71

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29651	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 65
	Secretion/Excretion	CHROMODACRYORRHEA PTYALISM immediately post-dosing	67 to 73 66, 73
B29652	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 74
B29653	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29654	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29655	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29656	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29657	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29658	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73
B29659	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 78
B29660	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 62
	Skin	AREA OF HAIR LOSS ON FORELIMB, B	63 to 71
B29661	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 53
	Skin	AREA OF HAIR LOSS ON FORELIMB, B	54 to 77
B29662	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 79
	Secretion/Excretion	PTYALISM immediately post-dosing	80
B29663	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 61
	Skin	AREA OF HAIR LOSS ON FORELIMB, B	62 to 74
B29664	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 53
	Skin	AREA OF HAIR LOSS ON FORELIMB, B	54 to 72
B29665	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 62
	Skin	AREA OF HAIR LOSS ON FORELIMB, B	63 to 71
B29666	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29667	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 61

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29667 (CONTINUED) Skin	AREA OF HAIR LOSS ON FORELIMB, B	62 to 74
B29668 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29669 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29670 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29671 Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 72 73
B29672 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29673 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29674 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29675 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29676	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 72 73
B29677	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73
B29678	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 11, 14 to 63, 65 to 70, 72 12 to 13, 64, 71
B29679	Normal Skin	NO REMARKABLE CLINICAL OBSERVATIONS AREA OF HAIR LOSS ON FORELIMB, B	1 to 62 63 to 71
B29680	Normal Skin	NO REMARKABLE CLINICAL OBSERVATIONS AREA OF HAIR LOSS ON HINDLIMB, R AREA OF HAIR LOSS ON HINDLIMB, B AREA OF HAIR LOSS ON FORELIMB, B	1 to 44 45 to 62 63 to 71 54 to 71
B29681	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29682	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29683	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 10, 12 to 65, 67 to 70, 72 to 74 11, 66, 71
B29684	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 10, 12 to 66, 68 to 72, 74 11, 67, 73
B29685	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29686	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 10, 12 to 67, 69 to 72 11, 68
B29687	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 58, 67 to 74 59 to 66
B29688	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 11, 13 to 73 12
B29689	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 72 73 to 74
B29690	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 63, 65, 67 to 72

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29690 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing	64, 66, 73
B29691	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 73
B29692	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 71
B29693	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 64, 66 to 72 65
B29694	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 73
B29695	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 73
B29696	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 73 74
B29697	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 9, 12 to 73 10 to 11
B29698	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 9, 11 to 73 10
B29699	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Skin	AREA OF HAIR LOSS ON FORELIMB, B	1 to 62 63 to 71
B29700	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 78

6. F0 generation - clinical history (individual findings/females/pregnancy period)

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29601 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29602 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29603 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29604 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29605 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 22
B29606 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29607 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29608 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29609 Normal Skin	NO REMARKABLE CLINICAL OBSERVATIONS AREA OF HAIR LOSS ON FORELIMB, B AREA OF HAIR LOSS ON ABDOMEN	0 to 9 11 to 21 10 to 21
B29610 Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS REGURGITATION	0, 4 to 21 1 to 3
B29611 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29612 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29613 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29614 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29615 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29616 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29617 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29618 Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 20 0
B29619 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 20

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29619 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing	0
B29620 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 4
Mortality	FINAL SACRIFICE (no delivery)	29
Skin	AREA OF HAIR LOSS ON HINDLIMB, B	5 to end
B29621 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29622 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29623 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29624 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
Mortality	FINAL SACRIFICE (no delivery)	27
B29625 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 250 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29626	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 15, 19 to 20 16 to 18
B29627	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29628	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 5, 16 to 20 6 to 15
B29629	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29630	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery)	0 to end 26
B29631	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery)	0 to end 27
B29632	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29633	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29634	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29635	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29636	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 16, 20 17 to 19
B29637	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29638	Skin	AREA OF HAIR LOSS ON BACK	0 to 20
B29639	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29640	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29641	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29642	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 12, 15 to 20 13 to 14
B29643	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 13, 15 to 20

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29643 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing	14
B29644	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		0 to 21
B29645	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE (no delivery)
		0 to end 27
B29646	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Secretion/Excretion	PTYALISM immediately post-dosing
		0 to 4, 9 to 21 5 to 8
B29647	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE (no delivery)
		0 to end 29
B29648	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Secretion/Excretion	PTYALISM immediately post-dosing
		0 to 15, 17 to 21 16
B29649	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		0 to 21
B29650	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Secretion/Excretion	REGURGITATION
		0, 2 to 20 1

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29651	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS CHROMODACRYORRHEA PTYALISM immediately post-dosing
		9 to 21 0 to 8 0, 3 to 4, 6 to 8
B29652	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		0 to 21
B29653	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing
		0 to 7, 9 to 20 8
B29654	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing
		0 to 1, 4 to 21 2 to 3
B29655	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		0 to 21
B29656	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery) PTYALISM immediately post-dosing
		0 to 18, 21 to end 27 19 to 20
B29657	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		0 to 21
B29658	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		0 to 20
B29659	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing
		3 to 20 0 to 2
B29660	Skin	AREA OF HAIR LOSS ON FORELIMB, B
		0 to 21
B29661	Skin	AREA OF HAIR LOSS ON FORELIMB, B
		0 to 20
B29662	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing
		0, 6 to 11, 13 to 21 1 to 5, 12
B29663	Skin	AREA OF HAIR LOSS ON FORELIMB, B
		0 to 20
B29664	Skin	AREA OF HAIR LOSS ON FORELIMB, B
		0 to 20
B29665	Secretion/Excretion Skin	PTYALISM immediately post-dosing AREA OF HAIR LOSS ON FORELIMB, B
		8 to 10, 13 0 to 20
B29666	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		0, 3, 5 to 8

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29666 (CONTINUED)		
Mortality	FINAL SACRIFICE (no delivery)	27
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 2, 4, 9 to 10
Skin	AREA OF HAIR LOSS ON FORELIMB, B	11 to end
B29667	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Skin	AREA OF HAIR LOSS ON FORELIMB, B	0 to 19
B29668	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
B29669	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 7, 11 to 20 0, 8 to 10
B29670	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	0 to 8, 11 to 12, 15 to 21 9 to 10, 13 to 14
B29671	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	0 to 1, 3 to 7, 9 to 20 2, 8
B29672	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Skin	AREA OF HAIR LOSS ON FORELIMB, B	0 to 11 12 to 21
B29673	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE (no delivery)	0 to end 27
B29674	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
B29675	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Skin	AREA OF HAIR LOSS ON FORELIMB, L	0 to 11 12 to 20

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29676	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29677	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 5, 7, 11 to 20 6, 8 to 10
B29678	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	3 to 19 0 to 2, 20 to 21
B29679	Skin AREA OF HAIR LOSS ON FORELIMB, B	0 to 21
B29680	Skin AREA OF HAIR LOSS ON HINDLIMB, B AREA OF HAIR LOSS ON FORELIMB, B	0 to 21 0 to 21
B29681	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0, 2 to 4, 6 to 9, 12 to 21 1, 5, 10 to 11
B29682	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 2, 4 to 8, 11 to 12, 20 0, 3, 9 to 10, 13 to 19, 21
B29683	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0, 2 to 5, 12 to 17 1, 6 to 11, 18 to 21
B29684	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 9, 12 to 17, 20 to 21 10 to 11, 18 to 19
B29685	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 11, 13 to 21 12
B29686	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 3, 10 to 20 4 to 9
B29687	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29688	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 4, 9 to 10, 14 to 18 5 to 8, 11 to 13, 19 to 21
B29689	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 1, 8 to 20 2 to 7
B29690	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 2, 9 to 20

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29690 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing	3 to 8, 21
B29691	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	0 to 2, 9 to 21 3 to 8
B29692	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 3, 7 to 20 0, 4 to 6
B29693	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	0 to 6, 10 to 21 7 to 9
B29694	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Skin	AREA OF HAIR LOSS ON FORELIMB, B	0 to 8 9 to 21
B29695	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	0 to 2, 13 to 21 3 to 12
B29696	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	3 to 13 0 to 2
Miscellaneous	MASS ON UPPER FORELIMB DORSAL left side 1 x 1 cm	14 to 20
B29697	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	0 to 2, 12 to 18 4 to 11, 19 to 21
Skin	CUTANEOUS LESION ON ABDOMEN	3 to 8
B29698	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	0 to 5, 9 6 to 8, 11 to 12, 19 to 21
Skin	AREA OF HAIR LOSS ON BACK	10 to 21
B29699	Secretion/Excretion	PTYALISM immediately post-dosing
Skin	AREA OF HAIR LOSS ON FORELIMB, B	12 0 to 20
B29700	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		0 to 21

7. F0 generation - clinical history (individual findings/females/lactation period)

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29601	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29602	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29603	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29604	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29605	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29606	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29607	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29608	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29609	Mortality Skin	FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B AREA OF HAIR LOSS ON ABDOMEN	22 0 to end 0 to end
B29610	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29611	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29612	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29613	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29614	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29614 (CONTINUED) Mortality	FINAL SACRIFICE	25
B29615 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29616 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29617 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29618 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29619 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29621 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29622 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29623 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29625 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 250 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29626	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
	Mortality	DECISION OF SACRIFICE	8
		Dead litter	
	Secretion/Excretion	PTYALISM immediately post-dosing	0
B29627	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	25
B29628	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	25
B29629	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	22
B29632	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	22
B29633	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	25
B29634	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	22
B29635	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	22
B29636	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	22
B29637	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	22
B29638	Mortality	FINAL SACRIFICE	25
	Skin	AREA OF HAIR LOSS ON BACK	0 to end
B29639	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	22
B29640	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	25

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29641 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29642 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29643 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29644 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29646 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29648 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29649 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29650 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29651	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29652	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29653	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29654	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29655	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29657	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29658	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29659	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29660	Mortality Skin	FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B	22 0 to end
B29661	Mortality Skin	DECISION OF SACRIFICE Dead litter AREA OF HAIR LOSS ON FORELIMB, B	4 0 to end
B29662	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	0 to 17, 24 24 18 to 23
B29663	Mortality Skin	FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B	25 0 to end
B29664	Mortality Skin	FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B	22 0 to end

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29665	Mortality Skin	FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B	22 0 to end
B29667	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29668	Normal Mortality Pregnancy condition	NO REMARKABLE CLINICAL OBSERVATIONS DECISION OF SACRIFICE poor clinical condition of the litter BLOOD IN VAGINA	0 to 1 2 2
B29669	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29670	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 23
B29671	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	0 to 20, 25 25 21 to 24
B29672	Mortality Skin	FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B	23 0 to end
B29674	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29675	Normal Mortality Skin	NO REMARKABLE CLINICAL OBSERVATIONS DECISION OF SACRIFICE poor clinical condition of the litter AREA OF HAIR LOSS ON FORELIMB, L	2 to end 3 0 to 1

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29676	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29677	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29678	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	8 to end 25 0 to 7
B29679	Mortality Skin	FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B	23 0 to end
B29680	Mortality Skin	FINAL SACRIFICE AREA OF HAIR LOSS ON HINDLIMB, B AREA OF HAIR LOSS ON FORELIMB, B	23 0 to end 0 to end
B29681	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	0, 10 to end 23 1 to 9
B29682	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	8 to end 23 0 to 7
B29683	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	5 to end 25 0 to 4
B29684	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25
B29685	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 23
B29686	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 23
B29687	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 25

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29688	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		0 to 1, 6 to 23, 25 25 2 to 5, 24
B29689	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		0 to 12, 14 to 15, 17 to end 25 13, 16
B29690	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		6 to end 25 0 to 5
B29691	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		0 to 7, 9 to 16, 23, 25 25 8, 17 to 22, 24
B29692	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE
		0 to end 22
B29693	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		0 to 8, 10 to end 25 9
B29694	Mortality Skin	FINAL SACRIFICE AREA OF HAIR LOSS ON FORELIMB, B
		25 0 to end
B29695	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE
		0 to end 25
B29696	Mortality Miscellaneous	FINAL SACRIFICE MASS ON UPPER FORELIMB DORSAL left side 1 x 1 cm MASS ON UPPER FORELIMB DORSAL left side 2 x 1 cm
		25 0 to 10 11 to end
B29697	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		7, 9 to 20, 25 25 0 to 6, 8, 21 to 24
B29698	Mortality	FINAL SACRIFICE
		25

F0 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29698 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing	0 to 5
Skin	AREA OF HAIR LOSS ON BACK	0 to end
B29699		
Mortality	FINAL SACRIFICE	22
Skin	AREA OF HAIR LOSS ON FORELIMB, B	0 to end
B29700		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
Mortality	FINAL SACRIFICE	22

SPONSOR

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On behalf of:

CEPSA
ENI S.p.A.
Fortum Oil and Gas Oy
Lyondell Chemical Europe Inc.
Oxeno Olefinchemie GmbH
Repsol Petróleo, S.A.
TOTAL France S.A.

TEST ITEM

ETHYL TERTIARY BUTYL ETHER (ETBE)
CAS No. 637-92-3

STUDY TITLE

**TWO-GENERATION STUDY
(REPRODUCTION AND FERTILITY EFFECTS)
BY ORAL ROUTE (GAVAGE) IN RATS**

STUDY DIRECTOR

Wassila Gaoua

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Volume 2

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8. F0 generation - body weight (individual values/grams/males)

F0 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 0 mg/kg/day

Animal No.	Day of STUDY	
	113	120
B29201	577	-
B29202	600	-
B29203	569	-
B29204	711	-
B29205	593	-
B29206	642	-
B29207	684	-
B29208	617	-
B29209	598	-
B29210	601	-
B29211	622	638
B29212	546	557
B29213	631	643
B29214	547	545
B29215	556	564
B29216	540	549
B29217	521	527
B29218	640	648
B29219	555	571
B29220	678	697
B29221	605	614
B29222	586	596
B29223	647	660
B29224	632	646
B29225	475	480
MEAN	599	596
S.D.	54	60
N	25	15

F0 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 250 mg/kg/day

Animal No.	Day of STUDY	
	113	120
B29226	585	-
B29227	569	-
B29228	555	-
B29229	596	-
B29230	572	-
B29231	694	-
B29232	546	-
B29233	607	-
B29234	642	-
B29235	693	-
B29236	668	684
B29237	575	587
B29238	589	595
B29239	571	584
B29240	588	595
B29241	578	585
B29242	585	591
B29243	607	614
B29244	585	589
B29245	611	617
B29246	576	577
B29247	563	574
B29248	605	603
B29249	618	619
B29250	589	596
MEAN	599	601
S.D.	39	27
N	25	15

F0 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 500 mg/kg/day

Animal No.	Day of STUDY	
	113	120
B29251	574	-
B29252	561	-
B29253	569	-
B29254	671	-
B29255	636	-
B29256	542	-
B29257	620	-
B29258	556	-
B29259	569	-
B29260	640	-
B29261	642	655
B29262	609	614
B29263	651	666
B29264	586	600
B29265	558	566
B29266	471	471
B29267	574	575
B29268	645	647
B29269	567	583
B29270	607	620
B29271	513	523
B29272	709	703
B29273	619	618
B29274	517	513
B29275	536	542
MEAN	590	593
S.D.	55	63
N	25	15

F0 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 1000 mg/kg/day

Animal No.	Day of STUDY	
	113	120
B29276	507	-
B29277	556	-
B29278	663	-
B29279	635	-
B29280	610	-
B29281	607	-
B29282	581	-
B29283	509	-
B29284	582	-
B29285	626	-
B29286	577	577
B29287	558	564
B29288	537	542
B29289	595	602
B29290	592	593
B29291	582	561
B29292	650	665
B29293	528	533
B29294	538	543
B29295	570	578
B29296	564	570
B29297	632	624
B29298	545	558
B29299	542	555
B29300	535	538
MEAN	577	573
S.D.	43	36
N	25	15

9. F0 generation - body weight change (individual values/grams/males)

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 0 mg/kg/day

ANIMAL#	Day OF STUDY		
	85-113	1-71	1-113
B29201	36	328	386
B29202	43	311	379
B29203	46	311	372
B29204	91	374	488
B29205	77	295	393
B29206	57	353	434
B29207	80	369	488
B29208	67	328	411
B29209	65	298	393
B29210	52	332	400
B29211	90	340	433
B29212	43	289	342
B29213	59	347	420
B29214	47	279	354
B29215	50	295	361
B29216	51	275	341
B29217	48	252	315
B29218	62	340	435
B29219	54	282	356
B29220	73	379	477
B29221	52	339	404
B29222	61	295	374
B29223	52	364	434
B29224	62	363	437
B29225	40	209	276
MEAN	58	318	396
S.D.	15	42	52
N	25	25	25

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#	Day OF STUDY		
	85-113	1-71	1-113
B29226	50	309	387
B29227	47	289	365
B29228	47	292	356
B29229	79	281	377
B29230	52	279	364
B29231	77	377	488
B29232	48	278	355
B29233	45	336	409
B29234	64	361	434
B29235	63	392	486
B29236	57	385	470
B29237	45	304	373
B29238	68	303	383
B29239	50	300	375
B29240	56	307	386
B29241	48	301	378
B29242	57	309	382
B29243	54	333	415
B29244	61	309	387
B29245	67	334	421
B29246	52	308	376
B29247	51	270	349
B29248	54	326	405
B29249	49	338	417
B29250	53	314	389
MEAN	56	317	397
S.D.	9	33	38
N	25	25	25

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	Day OF STUDY		
	85-113	1-71	1-113
B29251	46	300	371
B29252	40	289	349
B29253	14	337	369
B29254	64	375	450
B29255	47	353	426
B29256	31	286	339
B29257	57	340	426
B29258	58	276	345
B29259	47	305	358
B29260	55	354	438
B29261	47	375	442
B29262	73	316	399
B29263	57	373	443
B29264	22	330	378
B29265	28	315	362
B29266	13	254	276
B29267	34	332	362
B29268	54	355	440
B29269	36	295	370
B29270	50	340	406
B29271	16	283	312
B29272	68	387	489
B29273	41	358	416
B29274	-5	296	325
B29275	42	278	323
MEAN	41	324	385
S.D.	19	37	52
N	25	25	25

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	Day OF STUDY		
	85-113	1-71	1-113
B29276	40	269	321
B29277	46	296	351
B29278	39	387	438
B29279	52	344	417
B29280	39	330	401
B29281	39	345	396
B29282	53	306	388
B29283	46	250	308
B29284	42	329	377
B29285	46	353	423
B29286	45	332	380
B29287	47	310	354
B29288	41	281	335
B29289	37	353	393
B29290	43	330	389
B29291	45	333	392
B29292	47	387	442
B29293	56	269	327
B29294	42	267	333
B29295	51	318	380
B29296	48	303	383
B29297	49	359	416
B29298	37	300	344
B29299	48	257	348
B29300	44	269	330
MEAN	45	315	375
S.D.	5	39	38
N	25	25	25

10. F0 generation - body weight (individual values/grams/females/premating period)

11. F0 generation - body weight change (individual values/grams/females/premating period)

12. F0 generation - body weight (individual values/grams/females/pregnancy period)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F0 GENERATION

BODY WEIGHT (Individual values/grams/Females/Pregnancy period)

Dose: 0 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0	7	14	20
B29601	SP	288	314	348	420
B29602	SP	323	341	373	450
B29603	SP	383	410	447	541
B29604	SP	323	354	391	469
B29605	SP	291	310	339	407
B29606	SP	317	355	384	457
B29607	SP	277	299	323	395
B29608	SP	271	280	309	383
B29609	SP	276	302	334	399
B29610	SP	275	306	330	400
B29611	SP	300	310	353	434
B29612	SP	282	310	341	414
B29613	SP	301	327	358	435
B29614	SP	296	318	344	422
B29615	SP	386	411	434	523
B29616	SP	294	332	363	435
B29617	SP	279	305	334	412
B29618	SP	366	404	443	540
B29619	SP	342	363	395	468
B29620	SNB	371	392	393	391
B29621	SP	284	316	347	424
B29622	SP	310	322	339	419
B29623	SP	300	351	375	443
B29624	SNB	264	284	302	304
B29625	SP	265	284	306	383
MEAN		306	331	361	438
S.D.		34	37	39	45
N		23	23	23	23

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F0 GENERATION

BODY WEIGHT (Individual values/grams/Females/Pregnancy period)

Dose: 250 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0	7	14	20
B29626	UPL	302	337	369	448
B29627	SP	289	326	366	434
B29628	SP	285	313	353	438
B29629	SP	338	375	413	495
B29630	SNB	343	334	337	343
B29631	SNB	314	345	346	337
B29632	SP	280	310	329	402
B29633	SP	261	283	317	390
B29634	SP	320	339	359	431
B29635	SP	278	312	339	403
B29636	SP	304	334	383	454
B29637	SP	290	321	348	415
B29638	SP	335	372	406	497
B29639	SP	276	303	334	414
B29640	SP	296	317	357	422
B29641	SP	283	307	336	409
B29642	SP	312	331	357	440
B29643	SP	345	363	394	483
B29644	SP	317	353	384	459
B29645	SNB	315	346	348	334
B29646	SP	273	300	333	404
B29647	SNB	332	350	334	328
B29648	SP	300	315	346	409
B29649	SP	232	261	288	352
B29650	SP	295	315	347	427
MEAN		296	323	355	430
S.D.		27	28	30	35
N		21	21	21	21

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

BODY WEIGHT (Individual values/grams/Females/Pregnancy period)

Dose: 500 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0	7	14	20
B29651	SP	281	314	349	431
B29652	SP	287	322	356	425
B29653	SP	283	315	342	410
B29654	SP	324	371	409	496
B29655	SP	269	291	321	400
B29656	SNB	293	331	354	346
B29657	SP	286	313	333	389
B29658	SP	296	343	381	459
B29659	SP	332	341	375	436
B29660	SP	287	327	359	440
B29661	UPL	345	362	390	472
B29662	SP	330	342	364	427
B29663	SP	295	324	349	416
B29664	SP	305	330	365	446
B29665	SP	323	369	417	517
B29666	SNB	322	329	329	337
B29667	SP	336	365	402	477
B29668	UPL	346	391	432	505
B29669	SP	305	331	361	436
B29670	SP	300	336	373	462
B29671	SP	271	292	320	388
B29672	SP	276	298	326	377
B29673	SNB	296	325	333	339
B29674	SP	288	308	336	416
B29675	UPL	295	316	344	416
MEAN		303	332	364	438
S.D.		24	27	31	38
N		22	22	22	22

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

BODY WEIGHT (Individual values/grams/Females/Pregnancy period)

Dose: 1000 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0	7	14	20
B29676	SP	299	329	361	429
B29677	SP	271	301	349	420
B29678	SP	279	304	328	419
B29679	SP	291	333	359	424
B29680	SP	263	299	344	406
B29681	SP	256	277	303	372
B29682	SP	291	321	353	431
B29683	SP	269	289	318	401
B29684	SP	329	345	379	461
B29685	SP	233	264	296	374
B29686	SP	282	306	341	433
B29687	SP	345	365	394	483
B29688	SP	339	380	411	463
B29689	SP	266	299	338	417
B29690	SP	315	343	374	457
B29691	SP	284	310	346	420
B29692	SP	293	318	346	428
B29693	SP	323	348	381	475
B29694	SP	287	336	376	450
B29695	SP	257	286	316	382
B29696	SP	273	301	328	390
B29697	SP	262	281	311	376
B29698	SP	292	323	362	434
B29699	SP	290	331	364	421
B29700	SP	339	373	387	468
MEAN		289	318	351	425
S.D.		29	30	29	32
N		25	25	25	25

SP=Fin sac/Pg

13. F0 generation - body weight change (individual values/grams/females/pregnancy period)
Fin sac:final sacrifice
Prem sac:prematurely sacrificed
Pg:pregnant
NotPg:not pregnant

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Pregnancy period)

Dose: 0 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0 - 7	7 - 14	14 - 20	0 - 20
B29601	SP	26	35	72	132
B29602	SP	18	32	76	126
B29603	SP	27	36	95	158
B29604	SP	31	37	78	146
B29605	SP	19	28	68	116
B29606	SP	38	30	73	141
B29607	SP	22	24	72	117
B29608	SP	10	29	74	112
B29609	SP	26	32	65	123
B29610	SP	31	24	70	125
B29611	SP	10	44	80	134
B29612	SP	28	31	74	132
B29613	SP	27	30	78	135
B29614	SP	22	26	78	127
B29615	SP	25	23	88	137
B29616	SP	37	32	72	140
B29617	SP	25	29	78	133
B29618	SP	38	39	96	174
B29619	SP	20	33	73	126
B29620	SNB	20	1	-3	19
B29621	SP	32	31	77	140
B29622	SP	12	18	80	109
B29623	SP	52	24	68	143
B29624	SNB	20	18	2	40
B29625	SP	20	22	77	118
MEAN		26	30	77	132
S.D.		10	6	8	15
N		23	23	23	23

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Pregnancy period)

Dose: 250 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0 - 7	7 - 14	14 - 20	0 - 20
B29626	UPL	35	31	79	145
B29627	SP	37	39	69	145
B29628	SP	28	40	85	152
B29629	SP	37	38	82	157
B29630	SNB	-10	3	6	-1
B29631	SNB	31	1	-9	23
B29632	SP	30	18	73	122
B29633	SP	21	35	72	128
B29634	SP	19	20	72	111
B29635	SP	34	26	65	125
B29636	SP	29	49	72	150
B29637	SP	31	27	67	125
B29638	SP	37	35	91	162
B29639	SP	26	31	80	138
B29640	SP	21	40	65	126
B29641	SP	25	29	73	127
B29642	SP	19	27	82	128
B29643	SP	18	30	89	138
B29644	SP	36	31	75	142
B29645	SNB	31	2	-14	19
B29646	SP	28	33	71	132
B29647	SNB	18	-15	-6	-4
B29648	SP	15	31	64	110
B29649	SP	29	27	64	120
B29650	SP	21	31	80	132
MEAN		27	32	75	134
S.D.		7	7	8	14
N		21	21	21	21

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Pregnancy period)

Dose: 500 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0 - 7	7 - 14	14 - 20	0 - 20
B29651	SP	33	35	82	150
B29652	SP	35	34	69	138
B29653	SP	32	27	69	128
B29654	SP	47	38	87	171
B29655	SP	22	31	79	131
B29656	SNB	39	23	-8	54
B29657	SP	27	20	56	103
B29658	SP	47	38	79	163
B29659	SP	9	33	62	105
B29660	SP	40	33	81	153
B29661	UPL	17	29	82	127
B29662	SP	12	21	63	96
B29663	SP	29	25	67	121
B29664	SP	25	36	80	141
B29665	SP	47	47	101	195
B29666	SNB	7	0	8	15
B29667	SP	30	37	75	141
B29668	UPL	45	41	73	159
B29669	SP	26	30	75	130
B29670	SP	36	38	89	163
B29671	SP	21	28	68	117
B29672	SP	22	28	51	101
B29673	SNB	29	8	6	43
B29674	SP	20	28	80	128
B29675	UPL	20	28	73	121
MEAN		29	32	75	136
S.D.		11	6	11	25
N		22	22	22	22

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Pregnancy period)

Dose: 1000 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0 - 7	7 - 14	14 - 20	0 - 20
B29676	SP	30	31	68	129
B29677	SP	30	48	71	149
B29678	SP	25	24	91	139
B29679	SP	42	26	65	133
B29680	SP	36	45	62	143
B29681	SP	21	26	69	115
B29682	SP	30	32	77	140
B29683	SP	20	29	83	132
B29684	SP	16	34	82	132
B29685	SP	31	32	78	141
B29686	SP	24	35	92	152
B29687	SP	20	29	89	138
B29688	SP	42	31	52	124
B29689	SP	33	39	79	151
B29690	SP	28	31	83	142
B29691	SP	27	35	74	136
B29692	SP	25	28	82	135
B29693	SP	25	33	94	152
B29694	SP	49	40	74	163
B29695	SP	29	30	66	124
B29696	SP	27	27	63	117
B29697	SP	19	30	65	114
B29698	SP	32	39	71	142
B29699	SP	41	33	57	131
B29700	SP	33	15	81	129
MEAN		29	32	75	136
S.D.		8	7	11	12
N		25	25	25	25

SP=Fin sac/Pg

14. F0 generation - body weight (individual values/grams/females/lactation period)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F0 GENERATION

BODY WEIGHT (Individual values/grams/Females/Lactation period)

Dose: 0 mg/kg/day

FEMALE#		DAY POSTPARTUM			
		1	7	14	21
B29601	SP	321	344	334	317
B29602	SP	350	356	372	353
B29603	SP	433	439	438	425
B29604	SP	377	371	366	346
B29605	SP	317	329	332	315
B29606	SP	367	344	356	338
B29607	SP	320	342	329	319
B29608	SP	315	345	354	326
B29609	SP	306	316	333	330
B29610	SP	321	324	338	334
B29611	SP	323	347	360	370
B29612	SP	326	358	385	348
B29613	SP	332	345	345	342
B29614	SP	304	307	321	323
B29615	SP	399	404	397	387
B29616	SP	344	352	374	342
B29617	SP	313	332	356	333
B29618	SP	438	441	438	401
B29619	SP	386	389	390	371
B29620	SNB				
B29621	SP	330	323	339	316
B29622	SP	319	334	332	315
B29623	SP	345	341	346	331
B29624	SNB				
B29625	SP	304	313	323	332
MEAN		343	352	359	344
S.D.		39	36	33	29
N		23	23	23	23

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F0 GENERATION

BODY WEIGHT (Individual values/grams/Females/Lactation period)

Dose: 250 mg/kg/day

FEMALE#		DAY POSTPARTUM			
		1	7	14	21
B29626	UPL	362	363		
B29627	SP	348	368	368	354
B29628	SP	333	346	349	352
B29629	SP	403	388	391	381
B29630	SNB				
B29631	SNB				
B29632	SP	330	341	352	325
B29633	SP	304	315	342	337
B29634	SP	355	374	368	337
B29635	SP	330	364	348	336
B29636	SP	359	354	384	365
B29637	SP	325	336	352	343
B29638	SP	374	382	373	346
B29639	SP	325	322	349	344
B29640	SP	340	352	370	356
B29641	SP	319	326	353	337
B29642	SP	331	331	339	335
B29643	SP	372	359	367	368
B29644	SP	360	361	365	354
B29645	SNB				
B29646	SP	323	332	347	337
B29647	SNB				
B29648	SP	332	350	367	344
B29649	SP	270	296	313	290
B29650	SP	312	333	353	343
MEAN		338	347	357	344
S.D.		28	23	17	18
N		21	21	20	20

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

BODY WEIGHT (Individual values/grams/Females/Lactation period)

Dose: 500 mg/kg/day

FEMALE#		DAY POSTPARTUM			
		1	7	14	21
B29651	SP	318	328	336	322
B29652	SP	326	341	354	312
B29653	SP	307	326	316	297
B29654	SP	385	392	411	398
B29655	SP	320	339	348	317
B29656	SNB				
B29657	SP	328	342	330	325
B29658	SP	356	367	385	362
B29659	SP	340	358	369	351
B29660	SP	343	362	381	340
B29661	UPL	364			
B29662	SP	331	345	351	342
B29663	SP	335	353	354	333
B29664	SP	347	354	376	349
B29665	SP	400	416	398	381
B29666	SNB				
B29667	SP	358	360	372	352
B29668	UPL	409			
B29669	SP	350	347	372	350
B29670	SP	358	355	358	341
B29671	SP	307	324	341	338
B29672	SP	302	329	336	314
B29673	SNB				
B29674	SP	328	329	335	336
B29675	UPL	323			
MEAN		342	351	359	340
S.D.		29	23	25	24
N		22	19	19	19

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

BODY WEIGHT (Individual values/grams/Females/Lactation period)

Dose: 1000 mg/kg/day

FEMALE#		DAY POSTPARTUM			
		1	7	14	21
B29676	SP	361	374	361	331
B29677	SP	319	330	346	351
B29678	SP	321	324	350	345
B29679	SP	350	351	363	344
B29680	SP	318	320	351	337
B29681	SP	291	296	319	312
B29682	SP	344	353	362	350
B29683	SP	274	313	325	306
B29684	SP	362	371	396	366
B29685	SP	282	298	309	307
B29686	SP	343	352	367	344
B29687	SP	385	391	395	373
B29688	SP	370	384	385	362
B29689	SP	321	343	357	339
B29690	SP	362	369	362	347
B29691	SP	319	344	359	343
B29692	SP	337	346	356	334
B29693	SP	366	383	387	394
B29694	SP	355	386	399	374
B29695	SP	295	315	334	305
B29696	SP	281	321	343	340
B29697	SP	301	317	320	304
B29698	SP	335	346	341	335
B29699	SP	355	370	357	379
B29700	SP	365	376	378	353
MEAN		332	347	357	343
S.D.		32	29	24	24
N		25	25	25	25

SP=Fin sac/Pg

15. F0 generation - body weight change (individual values/grams/females/lactation period)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Lactation period)

Dose: 0 mg/kg/day

FEMALE#		DAY OF LACTATION				
		1 - 7	7 - 14	14 - 21	1 - 14	1 - 21
B29601	SP	23	-10	-16	13	-4
B29602	SP	6	16	-20	22	3
B29603	SP	6	-1	-13	5	-8
B29604	SP	-7	-5	-20	-11	-31
B29605	SP	11	3	-16	14	-2
B29606	SP	-23	12	-18	-11	-29
B29607	SP	22	-13	-10	10	-1
B29608	SP	30	9	-27	39	12
B29609	SP	10	17	-3	27	25
B29610	SP	3	15	-5	17	13
B29611	SP	24	13	10	36	46
B29612	SP	32	26	-37	58	22
B29613	SP	13	0	-3	13	10
B29614	SP	3	15	2	17	19
B29615	SP	6	-7	-10	-1	-12
B29616	SP	8	22	-32	29	-2
B29617	SP	19	24	-23	43	20
B29618	SP	2	-2	-37	0	-37
B29619	SP	3	2	-19	4	-15
B29620	SNB					
B29621	SP	-7	16	-23	9	-14
B29622	SP	16	-2	-17	13	-4
B29623	SP	-5	6	-16	1	-14
B29624	SNB					
B29625	SP	9	10	10	18	28
MEAN		9	7	-15	16	1
S.D.		13	11	13	17	20
N		23	23	23	23	23

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Lactation period)

Dose: 250 mg/kg/day

FEMALE#		DAY OF LACTATION				
		1 - 7	7 - 14	14 - 21	1 - 14	1 - 21
B29626	UPL	0				
B29627	SP	20	0	-14	20	6
B29628	SP	13	3	3	16	19
B29629	SP	-14	3	-11	-11	-22
B29630	SNB					
B29631	SNB					
B29632	SP	11	11	-27	22	-6
B29633	SP	11	28	-5	38	33
B29634	SP	19	-6	-31	13	-18
B29635	SP	35	-17	-12	18	6
B29636	SP	-6	30	-19	24	6
B29637	SP	11	16	-9	27	18
B29638	SP	8	-9	-27	-1	-28
B29639	SP	-4	27	-5	24	19
B29640	SP	11	18	-14	30	16
B29641	SP	7	27	-16	34	19
B29642	SP	0	8	-4	8	4
B29643	SP	-13	8	1	-5	-4
B29644	SP	1	5	-12	6	-6
B29645	SNB					
B29646	SP	9	15	-10	24	14
B29647	SNB					
B29648	SP	18	17	-23	35	12
B29649	SP	26	16	-22	42	20
B29650	SP	21	20	-10	41	31
MEAN		9	11	-13	20	7
S.D.		12	13	9	15	17
N		21	20	20	20	20

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Lactation period)

Dose: 500 mg/kg/day

FEMALE#		DAY OF LACTATION				
		1 - 7	7 - 14	14 - 21	1 - 14	1 - 21
B29651	SP	9	8	-13	17	4
B29652	SP	15	13	-42	28	-14
B29653	SP	19	-10	-19	9	-10
B29654	SP	7	20	-14	27	13
B29655	SP	19	10	-31	29	-3
B29656	SNB					
B29657	SP	15	-12	-5	2	-2
B29658	SP	11	19	-23	30	6
B29659	SP	18	11	-18	29	11
B29660	SP	19	19	-40	38	-3
B29661	UPL					
B29662	SP	14	6	-10	21	11
B29663	SP	18	1	-21	19	-2
B29664	SP	7	22	-27	29	2
B29665	SP	16	-18	-17	-2	-19
B29666	SNB					
B29667	SP	3	11	-19	14	-5
B29668	UPL					
B29669	SP	-3	26	-22	23	0
B29670	SP	-3	3	-17	0	-17
B29671	SP	16	18	-3	34	31
B29672	SP	27	7	-22	35	12
B29673	SNB					
B29674	SP	1	6	1	7	8
B29675	UPL					
MEAN		12	8	-19	20	1
S.D.		8	12	11	12	12
N		19	19	19	19	19

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Lactation period)

Dose: 1000 mg/kg/day

FEMALE#		DAY OF LACTATION				
		1 - 7	7 - 14	14 - 21	1 - 14	1 - 21
B29676	SP	13	-12	-30	0	-30
B29677	SP	11	16	5	27	32
B29678	SP	3	26	-5	29	25
B29679	SP	1	12	-19	13	-6
B29680	SP	2	31	-13	33	19
B29681	SP	5	23	-7	28	21
B29682	SP	9	9	-11	18	7
B29683	SP	39	12	-19	51	32
B29684	SP	10	25	-30	34	4
B29685	SP	16	11	-2	27	25
B29686	SP	8	16	-23	24	1
B29687	SP	5	4	-21	9	-12
B29688	SP	14	0	-23	15	-8
B29689	SP	21	14	-18	36	18
B29690	SP	7	-7	-15	0	-15
B29691	SP	25	15	-16	40	24
B29692	SP	10	9	-22	19	-3
B29693	SP	18	3	7	21	28
B29694	SP	31	13	-26	44	19
B29695	SP	20	19	-30	39	9
B29696	SP	40	22	-3	62	59
B29697	SP	16	3	-16	19	3
B29698	SP	12	-6	-6	6	0
B29699	SP	15	-13	22	2	24
B29700	SP	11	2	-25	13	-12
MEAN		14	10	-14	24	11
S.D.		10	12	13	16	19
N		25	25	25	25	25

SP=Fin sac/Pg

16. F0 generation - food consumption (individual values/grams per day/males)

F0 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Males)

MALES Dose: 250 mg/kg/day

Animal No.	Day of Study													
	1-8	8-15	15-22	22-29	29-36	36-43	43-50	50-57	57-64	64-71	85-92	92-99	99-106	106-113
B29226	28	31	27	28	27	27	28	27	25	23	26	22	25	25
B29227	24	27	26	25	25	25	26	25	26	24	25	24	25	24
B29228	23	25	23	22	23	23	23	22	22	18	21	20	22	22
B29229	26	29	27	24	24	22	23	22	23	23	24	24	24	25
B29230	25	23	25	24	24	23	25	24	23	23	24	24	25	24
B29231	29	31	31	30	31	29	27	27	29	30	30	29	31	31
B29232	24	26	25	23	23	23	24	23	22	23	23	22	23	27
B29233	25	28	28	25	26	25	26	26	24	23	24	25	24	24
B29234	29	32	31	31	29	29	31	29	30	27	27	28	28	27
B29235	29	44	25	34	40	29	32	32	30	28	28	25	27	28
B29236	28	29	31	29	30	28	31	30	30	26	29	27	30	29
B29237	26	29	28	25	28	12	28	28	26	24	25	23	25	27
B29238	25	27	26	25	26	25	23	23	22	22	22		23	24
B29239	25	24	25	24	25	22	23	22	23	21	22	22	22	23
B29240	26	29	29	27	23	22	22	25	24	24	25	23	26	27
B29241	25	27	26	26	25	26	27	26	26	26	27	25	26	26
B29242	27	29	28	27	26	26	25	24	25	24	25	25	26	25
B29243	24	26	26	28	27	26	27	26	25	25	26	27	26	24
B29244	28	29	26	25	23	24	25	25	24	25	23	25	25	26
B29245	24	28	28	25	24	24	24	24	24	24	24	23	24	25
B29246	23	25	25	24	23	22	22	23	23	22	21	21	22	22
B29247	27	27	25	24	24	24	24	24	23	25	24	25	24	24
B29248	26	29	30	30	27	25	26	25	24	21	23	22	24	23
B29249	26	27	28	27	27	26	25	25	25	24	26	24	23	25
B29250	24	27	27	26	25	24	24	25	24	21	22	21	25	24
MEAN	26	28	27	26	26	24	26	25	25	24	25	24	25	25
S.D.	2	4	2	3	4	3	3	2	2	2	2	2	2	2
N	25	25	25	25	25	25	25	25	25	25	25	24	25	25

17. F0 generation - food consumption
(individual values/grams per day/females/premating period)

F0 GENERATION**FOOD CONSUMPTION (Individual values/Grams per day/Females/Premating period)**

FEMALES Dose: 0 mg/kg/day

Animal No.	Day of Study									
	1-8	8-15	15-22	22-29	29-36	36-43	43-50	50-57	57-64	64-71
B29601	17	19	20	18	19	17	19	21	23	18
B29602	18	18	18	19	18	16	16	19	22	19
B29603	20	21	24	23	23	20	23	24	28	24
B29604	16	17	19	18	18	18	20	19	17	16
B29605	16	18	20	19	18	18	19	19	18	17
B29606	17	17	18	20	19	19	18	21	25	20
B29607	17	18	18	16	17	16	15	15	15	16
B29608	17	17	16	17	17	15	15	15	14	14
B29609	18	18	18	18	19	17	17	15	18	20
B29610	17	18	18	16	17	16	16	17	17	17
B29611	16	18	17	17	16	15	15	17	16	17
B29612	19	18	16	16	18	16	16	19	22	16
B29613	20	18	18	17	17	16	16	18	16	17
B29614	18	18	19	19	18	17	18	19	21	19
B29615	22	21	21	23	23	21	21	23	27	24
B29616	18	18	19	19	18	16	16	17	17	18
B29617	17	18	16	16	17	15	15	16	16	16
B29618	22	19	20	21	21	20	20	28	28	17
B29619	19	19	20	19	20	20	18	27	26	19
B29620	18	18	20	18	19	18	18	22	22	22
B29621	19	19	20	19	20	18	17	18	17	17
B29622	18	18	18	17	16	18	16	16	15	17
B29623	23	22	21	20	21	20	19	MV		22
B29624	16	17	17	18	17	16	16	10	22	15
B29625	17	17	16	16	15	13	13	17	8	12
MEAN	18	18	19	18	18	17	17	19	20	18
S.D.	2	1	2	2	2	2	2	4	5	3
N	25	25	25	25	25	25	25	24	24	25

MV=MISSING VALUE

18. F0 generation - food consumption
(individual values/grams per day/females/pregnancy period)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F0 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Pregnancy period)

Dose: 0 mg/kg/day

FEMALE#		DAY OF PREGNANCY		
		0 - 7	7 - 14	14 - 20
B29601	SP	22	25	27
B29602	SP	20	27	27
B29603	SP	27	28	29
B29604	SP	21	23	25
B29605	SP	20	22	23
B29606	SP	24	25	25
B29607	SP	19	19	24
B29608	SP	16	18	27
B29609	SP	22	23	26
B29610	SP	21	22	28
B29611	SP	19	24	28
B29612	SP	24	26	29
B29613	SP	21	22	26
B29614	SP	22	22	25
B29615	SP	25	25	28
B29616	SP	24	28	29
B29617	SP	21	21	24
B29618	SP	28	31	37
B29619	SP	23	24	28
B29620	SNB	24	23	20
B29621	SP	23	27	29
B29622	SP	19	19	23
B29623	SP	14	25	25
B29624	SNB	17	19	18
B29625	SP	17	18	22
MEAN		21	24	27
S.D.		3	3	3
N		23	23	23

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F0 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Pregnancy period)

Dose: 250 mg/kg/day

FEMALE#		DAY OF PREGNANCY		
		0 - 7	7 - 14	14 - 20
B29626	UPL	26	28	29
B29627	SP	20	25	29
B29628	SP	19	23	28
B29629	SP	26	28	30
B29630	SNB	17	20	21
B29631	SNB	24	24	19
B29632	SP	23	23	27
B29633	SP	19	21	24
B29634	SP		20	24
B29635	SP	23	24	26
B29636	SP	28	31	31
B29637	SP	23	23	28
B29638	SP	25	25	30
B29639	SP	23	25	30
B29640	SP	22	25	28
B29641	SP	22	23	27
B29642	SP	19	20	25
B29643	SP	24	25	32
B29644	SP	26	25	27
B29645	SNB	24	24	19
B29646	SP	21	23	30
B29647	SNB	25	34	18
B29648	SP	20	22	28
B29649	SP	20	21	22
B29650	SP	24	26	27
MEAN		22	24	28
S.D.		3	3	2
N		20	21	21

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Pregnancy period)

Dose: 500 mg/kg/day

FEMALE#		DAY OF PREGNANCY		
		0 - 7	7 - 14	14 - 20
B29651	SP	22	24	27
B29652	SP	23	25	26
B29653	SP	24	23	23
B29654	SP	28	29	29
B29655	SP	22	22	29
B29656	SNB	23	25	21
B29657	SP	19	23	25
B29658	SP	25	27	32
B29659	SP	23	27	24
B29660	SP	18	24	29
B29661	UPL	25		32
B29662	SP	21	22	24
B29663	SP	24	25	26
B29664	SP	23	24	30
B29665	SP	25	32	37
B29666	SNB	22	20	21
B29667	SP	25	27	26
B29668	UPL	29	33	32
B29669	SP	18	32	25
B29670	SP	22	27	29
B29671	SP	20	21	26
B29672	SP	21	24	23
B29673	SNB	20	22	17
B29674	SP	21	23	29
B29675	UPL	22	22	26
MEAN		23	26	28
S.D.		3	4	3
N		22	21	22

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Pregnancy period)

Dose: 1000 mg/kg/day

FEMALE#		DAY OF PREGNANCY		
		0 - 7	7 - 14	14 - 20
B29676	SP	23	26	30
B29677	SP	27	28	30
B29678	SP	19	22	28
B29679	SP	23	27	30
B29680	SP	26	31	32
B29681	SP	20	21	24
B29682	SP	23	23	29
B29683	SP	17	20	29
B29684	SP	25	28	32
B29685	SP	21	22	27
B29686	SP	24	28	32
B29687	SP	26	28	33
B29688	SP	28	30	26
B29689	SP	23	27	32
B29690	SP	26	27	30
B29691	SP	21	23	27
B29692	SP	20	24	30
B29693	SP	21	22	29
B29694	SP	26	30	33
B29695	SP	21	22	25
B29696	SP	22	23	26
B29697	SP	19	21	24
B29698	SP	25	27	28
B29699	SP	25	27	30
B29700	SP	30	27	26
MEAN		23	25	29
S.D.		3	3	3
N		25	25	25

SP=Fin sac/Pg

19. F0 generation - food consumption
(individual values/grams per day/females/lactation period)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F0 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Lactation period)

Dose: 0 mg/kg/day

FEMALE#		DAY OF LACTATION		
		1 - 7	7 - 14	14 - 21
E29601	SP	36	52	61
E29602	SP	38	56	67
E29603	SP	29	40	52
E29604	SP	33	45	55
E29605	SP	41	55	68
E29606	SP	24	44	58
E29607	SP	40	55	63
E29608	SP	38	57	66
E29609	SP	36	57	73
E29610	SP	33	53	64
E29611	SP	30	35	37
E29612	SP	45	63	72
E29613	SP	37	54	71
E29614	SP	36	57	71
E29615	SP	27	44	58
E29616	SP	39	59	66
E29617	SP	39	63	72
E29618	SP	38	56	63
E29619	SP	34	55	65
E29620	SNB			
E29621	SP	36	55	63
E29622	SP	38	54	70
E29623	SP	39	54	68
E29624	SNB			
E29625	SP	32	47	60
MEAN		36	53	64
S.D.		5	7	8
N		23	23	23

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F0 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Lactation period)

Dose: 250 mg/kg/day

FEMALE#		DAY OF LACTATION		
		1 - 7	7 - 14	14 - 21
B29626	UPL	22		
B29627	SP	43	62	72
B29628	SP	38	53	64
B29629	SP	23	51	71
B29630	SNB			
B29631	SNB			
B29632	SP	39	55	67
B29633	SP	27	54	62
B29634	SP	39	53	60
B29635	SP	40	55	71
B29636	SP	38	62	76
B29637	SP	38	59	68
B29638	SP	51	47	56
B29639	SP	36	58	68
B29640	SP	40	60	69
B29641	SP	33	56	69
B29642	SP	23	54	69
B29643	SP	35	55	75
B29644	SP	45	58	67
B29645	SNB			
B29646	SP	37	55	61
B29647	SNB			
B29648	SP	37	59	70
B29649	SP	44	59	65
B29650	SP	32	46	52
MEAN		36	56	67
S.D.		8	4	6
N		21	20	20

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Lactation period)

Dose: 500 mg/kg/day

FEMALE#		DAY OF LACTATION		
		1 - 7	7 - 14	14 - 21
B29651	SP	33	53	66
B29652	SP	34	50	44
B29653	SP	37	52	68
B29654	SP	35	53	63
B29655	SP	43	59	67
B29656	SNB			
B29657	SP	33	51	67
B29658	SP	38	61	75
B29659	SP	37	56	61
B29660	SP	45	66	75
B29661	UPL			
B29662	SP	35	54	66
B29663	SP	36	53	68
B29664	SP	37	62	75
B29665	SP	39	54	63
B29666	SNB			
B29667	SP	31	44	64
B29668	UPL			
B29669	SP	29	48	55
B29670	SP	45	62	75
B29671	SP	33	48	60
B29672	SP	38	54	60
B29673	SNB			
B29674	SP	35	54	63
B29675	UPL			
MEAN		37	54	65
S.D.		4	5	8
N		19	19	19

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Lactation period)

Dose: 1000 mg/kg/day

FEMALE#		DAY OF LACTATION		
		1 - 7	7 - 14	14 - 21
B29676	SP	45	62	71
B29677	SP	43	63	76
B29678	SP	41	59	71
B29679	SP	39	58	68
B29680	SP	34	57	63
B29681	SP	37	58	70
B29682	SP	41	63	74
B29683	SP	36	55	66
B29684	SP	42	65	78
B29685	SP	38	56	70
B29686	SP	41	63	68
B29687	SP	41	60	72
B29688	SP	40	61	70
B29689	SP	43	67	75
B29690	SP	41	60	71
B29691	SP	43	64	72
B29692	SP	38	58	68
B29693	SP	37	57	70
B29694	SP	45	62	65
B29695	SP	42	57	64
B29696	SP	34	54	61
B29697	SP	39	55	67
B29698	SP	40	55	65
B29699	SP	41	61	81
B29700	SP	43	59	64
MEAN		40	59	70
S.D.		3	3	5
N		25	25	25

SP=Fin sac/Pg

20. F0 generation - pairing and mating data (individual values)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F0 GENERATION

PAIRING AND MATING DATA (Individual values)

Dose: 0 mg/kg/day

Female No.	Period of pairing Male No.	Partner female status	Mating date	Number of days of pairing before mating
B29601	B29201	SP	13-JUN-03	4
B29602	B29202	SP	11-JUN-03	2
B29603	B29203	SP	10-JUN-03	1
B29604	B29204	SP	13-JUN-03	4
B29605	B29205	SP	12-JUN-03	3
B29606	B29206	SP	10-JUN-03	1
B29607	B29207	SP	12-JUN-03	3
B29608	B29208	SP	12-JUN-03	3
B29609	B29209	SP	11-JUN-03	2
B29610	B29210	SP	10-JUN-03	1
B29611	B29211	SP	18-JUN-03	9
B29612	B29212	SP	11-JUN-03	2
B29613	B29213	SP	10-JUN-03	1
B29614	B29214	SP	13-JUN-03	4
B29615	B29215	SP	13-JUN-03	4
B29616	B29216	SP	12-JUN-03	3
B29617	B29217	SP	12-JUN-03	3
B29618	B29218	SP	10-JUN-03	1
B29619	B29219	SP	12-JUN-03	3
B29620	B29220	SNB	16-JUN-03	7
B29621	B29221	SP	11-JUN-03	2
B29622	B29222	SP	21-JUN-03	12
B29623	B29223	SP	11-JUN-03	2
B29624	B29224	SNB	12-JUN-03	3
B29625	B29225	SP	11-JUN-03	2

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F0 GENERATION

PAIRING AND MATING DATA (Individual values)

Dose: 250 mg/kg/day

Female No.	Period of pairing Male No.	Partner female status	Mating date	Number of days of pairing before mating
B29626	B29226	UPL	10-JUN-03	1
B29627	B29227	SP	13-JUN-03	4
B29628	B29228	SP	12-JUN-03	3
B29629	B29229	SP	10-JUN-03	1
B29630	B29230	SNB	13-JUN-03	4
B29631	B29231	SNB	12-JUN-03	3
B29632	B29232	SP	10-JUN-03	1
B29633	B29233	SP	12-JUN-03	3
B29634	B29234	SP	23-JUN-03	14
B29635	B29235	SP	10-JUN-03	1
B29636	B29236	SP	11-JUN-03	2
B29637	B29237	SP	10-JUN-03	1
B29638	B29238	SP	12-JUN-03	3
B29639	B29239	SP	10-JUN-03	1
B29640	B29240	SP	11-JUN-03	2
B29641	B29241	SP	10-JUN-03	1
B29642	B29242	SP	13-JUN-03	4
B29643	B29243	SP	12-JUN-03	3
B29644	B29244	SP	10-JUN-03	1
B29645	B29245	SNB	10-JUN-03	1
B29646	B29246	SP	13-JUN-03	4
B29647	B29247	SNB	16-JUN-03	7
B29648	B29248	SP	10-JUN-03	1
B29649	B29249	SP	11-JUN-03	2
B29650	B29250	SP	10-JUN-03	1

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION

PAIRING AND MATING DATA (Individual values)

Dose: 500 mg/kg/day

Female No.	Period of pairing Male No.	Partner female status	Mating date	Number of days of pairing before mating
B29651	B29251	SP	12-JUN-03	3
B29652	B29252	SP	13-JUN-03	4
B29653	B29253	SP	10-JUN-03	1
B29654	B29254	SP	10-JUN-03	1
B29655	B29255	SP	10-JUN-03	1
B29656	B29256	SNB	10-JUN-03	1
B29657	B29257	SP	10-JUN-03	1
B29658	B29258	SP	12-JUN-03	3
B29659	B29259	SP	17-JUN-03	8
B29660	B29260	SP	10-JUN-03	1
B29661	B29261	UPL	16-JUN-03	7
B29662	B29262	SP	19-JUN-03	10
B29663	B29263	SP	13-JUN-03	4
B29664	B29264	SP	11-JUN-03	2
B29665	B29265	SP	10-JUN-03	1
B29666	B29266	SNB	10-JUN-03	1
B29667	B29267	SP	13-JUN-03	4
B29668	B29268	UPL	10-JUN-03	1
B29669	B29269	SP	10-JUN-03	1
B29670	B29270	SP	10-JUN-03	1
B29671	B29271	SP	12-JUN-03	3
B29672	B29272	SP	10-JUN-03	1
B29673	B29273	SNB	10-JUN-03	1
B29674	B29274	SP	10-JUN-03	1
B29675	B29275	UPL	10-JUN-03	1

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

F0 GENERATION**PAIRING AND MATING DATA (Individual values)**

Dose: 1000 mg/kg/day

Female No.	Period of pairing Male No.	Partner female status	Mating date	Number of days of pairing before mating
B29676	B29276	SP	12-JUN-03	3
B29677	B29277	SP	12-JUN-03	3
B29678	B29278	SP	11-JUN-03	2
B29679	B29276	SP	10-JUN-03	1
B29680	B29280	SP	10-JUN-03	1
B29681	B29281	SP	10-JUN-03	1
B29682	B29282	SP	10-JUN-03	1
B29683	B29283	SP	13-JUN-03	4
B29684	B29284	SP	13-JUN-03	4
B29685	B29285	SP	10-JUN-03	1
B29686	B29286	SP	11-JUN-03	2
B29687	B29287	SP	13-JUN-03	4
B29688	B29288	SP	12-JUN-03	3
B29689	B29289	SP	13-JUN-03	4
B29690	B29290	SP	12-JUN-03	3
B29691	B29291	SP	12-JUN-03	3
B29692	B29292	SP	10-JUN-03	1
B29693	B29293	SP	11-JUN-03	2
B29694	B29294	SP	12-JUN-03	3
B29695	B29295	SP	12-JUN-03	3
B29696	B29296	SP	13-JUN-03	4
B29697	B29297	SP	12-JUN-03	3
B29698	B29298	SP	12-JUN-03	3
B29699	B29299	SP	10-JUN-03	1
B29700	B29300	SP	17-JUN-03	8

SP=Fin sac/Pg

21. F0 generation - estrous stages

F0 GENERATION

ESTROUS STAGES

Dose: 0 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29601	MET	EST	PRO	PRO	DI	PRO	PRO	DI	DI	PRO	DI	DI	PRO	DI	DI	MET	DI	PRO
B29602	EST	DI	PRO	PRO	EST	PRO	PRO	PRO	PRO	DI	DI	DI	DI	DI	DI	DI	DI	DI
B29603	PRO	EST	DI	PRO	MET	EST	PRO	PRO	PRO	PRO	DI	DI	DI	PRO	PRO	MET	DI	DI
B29604	DI	PRO	DI	PRO	MET	EST	DI	PRO	MET	EST	DI	PRO	PRO	EST	DI	DI	PRO	EST
B29605	EST	DI	PRO	PRO	EST	DI	PRO	PRO	EST	DI	EST	PRO	EST	DI	DI	PRO	EST	MET
B29606	EST	DI	PRO	PRO	EST	PRO	PRO	PRO	PRO	PRO	PRO	DI	PRO	MET	DI	DI	DI	PRO
B29607	PRO	MET	EST	PRO	DI	PRO	EST	DI	DI	PRO	PRO	EST	PRO	DI	EST	EST	MET	MET
B29608	EST	PRO	PRO	PRO	EST	DI	DI	PRO	EST	DI	PRO	PRO	EST	DI	PRO	MET	EST	MET
B29609	PRO	MET	PRO	EST	MET	PRO	PRO	EST	PRO	PRO	DI	EST	DI	PRO	PRO	EST	MET	MET
B29610	PRO	DI	PRO	EST	EST	EST	PRO	PRO	PRO	PRO	PRO	PRO	PRO	PRO	MET	MET	PRO	MET
B29611	EST	PRO	PRO	PRO	EST	DI	PRO	PRO	EST	DI	EST	PRO	EST	DI	PRO	MET	EST	DI
B29612	PRO	PRO	PRO	EST	MET	PRO	PRO	PRO	DI	PRO	DI	DI	MET	DI	PRO	EST	MET	DI
B29613	EST	DI	PRO	DI	EST	EST	DI	PRO	PRO	EST	EST	PRO	PRO	PRO	EST	DI	MET	MET
B29614	EST	PRO	PRO	PRO	EST	DI	PRO	PRO	PRO	PRO	PRO	DI	PRO	DI	DI	DI	DI	DI
B29615	PRO	PRO	PRO	EST	PRO	PRO	PRO	PRO	MET	PRO	DI	DI	EST	DI	DI	MET	DI	DI
B29616	EST	PRO	PRO	PRO	EST	PRO	PRO	PRO	EST	PRO	PRO	PRO	EST	DI	PRO	MET	EST	MET
B29617	DI	MET	PRO	EST	PRO	DI	DI	PRO	EST	DI	PRO	PRO	EST	DI	DI	DI	EST	MET
B29618	EST	PRO	PRO	PRO	MET	PRO	DI	MET	EST	PRO	PRO	DI	MET	EST	EST	PRO	PRO	MET
B29619	EST	EST	PRO	PRO	MET	PRO	PRO	MET	MET	PRO	DI	EST	DI	MET	DI	DI	DI	PRO
B29620	PRO	EST	PRO	PRO	MET	PRO	PRO	PRO	PRO	PRO	DI	DI	DI	DI	EST	EST	MET	DI
B29621	PRO	EST	PRO	EST	MET	PRO	DI	EST	PRO	PRO	PRO	EST	PRO	PRO	PRO	EST	MET	DI
B29622	PRO	PRO	EST	DI	MET	PRO	EST	PRO	PRO	DI	EST	DI	DI	PRO	EST	DI	MET	PRO
B29623	DI	DI	PRO	EST	DI	MET	PRO	PRO	DI	PRO	PRO	DI	DI	PRO	DI	DI	PRO	DI
B29624	EST	DI	PRO	PRO	EST	DI	PRO	EST	EST	DI	DI	PRO	EST	PRO	DI	DI	EST	MET
B29625	DI	DI	PRO	EST	MET	PRO	PRO	PRO	PRO	PRO	DI	DI	DI	DI	DI	PRO	MET	MET

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

Day 19: missing values

F0 GENERATION

ESTROUS STAGES

Dose: 0 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
B29601	MET	MET	EST	MET	PRO	PRO	DI+S										
B29602	DI	MET	DI	MET	DI+S												
B29603	MET	MET	MET	SPERM													
B29604	MET	DI	EST	MET	MET	MET	EST+S										
B29605	PRO	EST	MET	DI	PRO	EST+S											
B29606	MET	MET	MET	EST+S													
B29607	MET	EST	MET	DI	PRO	EST+S											
B29608	DI	EST	MET	DI	PRO	EST+S											
B29609	EST	MET	MET	PRO	DI+S												
B29610	EST	PRO	PRO	DI+S													
B29611	DI	DI	MET	MET	MET	MET	PRO	MET	DI	DI	PRO	DI+S					
B29612	EST	MET	MET	PRO	EST+S												
B29613	MET	MET	MET	EST+S													
B29614	MET	DI	PRO	MET	DI	PRO	DI+S										
B29615	DI	EST	MET	MET	MET	PRO	EST+S										
B29616	PRO	EST	MET	DI	PRO	DI+S											
B29617	MET	EST	MET	DI	PRO	DI+S											
B29618	MET	MET	PRO	EST+S													
B29619	MET	PRO	MET	DI	PRO	DI+S											
B29620	MET	MET	DI	PRO	PRO	DI	DI	DI	MET	EST+S							
B29621	EST	MET	MET	PRO	EST+S												
B29622	MET	MET	MET	DI	DI	DI	DI	MET	DI	DI	MET	MET	MET	MET	MET	MET+S	
B29623	MET	MET	MET	PRO	EST+S												
B29624	DI	EST	MET	MET	PRO	EST+S											
B29625	EST	MET	MET	PRO	EST+S												

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

F0 GENERATION

ESTROUS STAGES

Dose: 250 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29626	PRO	EST	EST	PRO	DI	PRO	EST	PRO	PRO	PRO	EST	PRO	PRO	EST	EST	MET	MET	PRO	
B29627	EST	EST	PRO	PRO	MET	EST	PRO	PRO	PRO	EST	PRO	DI	PRO	EST	MET	DI	PRO	EST	
B29628	EST	DI	PRO	EST	EST	PRO	PRO	PRO	EST	PRO	MET	MET	EST	PRO	MET	DI	EST	MET	
B29629	EST	EST	PRO	DI	EST	EST	PRO	PRO	DI	PRO	EST	PRO	MET	PRO	EST	MET	DI	PRO	
B29630	PRO	EST	DI	PRO	PRO	EST	DI	PRO	PRO	EST	EST	DI	PRO	PRO	EST	DI	PRO	MET	
B29631	EST	DI	PRO	PRO	MET	PRO	MET	PRO	MET	DI	EST	DI	PRO	DI	PRO	PRO	EST	MET	
B29632	MET	PRO	EST	PRO	EST	PRO	EST	PRO	MET	PRO	EST	PRO	DI	PRO	EST	MET	DI	PRO	
B29633	EST	PRO	PRO	PRO	EST	MET	PRO	PRO	EST	PRO	DI	PRO	EST	DI	DI	PRO	EST	MET	
B29634	PRO	EST	PRO	DI	PRO	EST	PRO	PRO	PRO	EST	PRO	EST	PRO	EST	MET	MET	PRO	EST	
B29635	EST	PRO	DI	DI	EST	EST	PRO	PRO	PRO	EST	EST	PRO	PRO	EST	DI	DI	MET	EST	
B29636	DI	DI	PRO	EST	DI	DI	PRO	EST	DI	PRO	DI	EST	DI	DI	EST	DI	DI	MET	
B29637	PRO	EST	DI	DI	MET	PRO	PRO	MET	MET	MET	MET	DI	DI	DI	PRO	DI	DI	PRO	
B29638	EST	EST	PRO	PRO	EST	PRO	PRO	PRO	EST	PRO	PRO	PRO	EST	DI	PRO	MET	EST	MET	
B29639	PRO	PRO	EST	DI	MET	PRO	EST	DI	EST	PRO	EST	DI	PRO	PRO	EST	MET	MET	PRO	
B29640	PRO	PRO	EST	DI	EST	DI	PRO	PRO	PRO	PRO	DI	DI	DI	MET	DI	PRO	MET	MET	
B29641	PRO	PRO	EST	DI	DI	EST	EST	DI	PRO	PRO	EST	DI	DI	PRO	EST	MET	DI	PRO	
B29642	PRO	EST	DI	DI	EST	EST	DI	PRO	EST	EST	PRO	DI	PRO	EST	DI	DI	PRO	EST	
B29643	EST	DI	PRO	DI	EST	DI	PRO	PRO	DI	PRO	EST	DI	MET	DI	DI	DI	DI	DI	
B29644	PRO	PRO	EST	DI	MET	PRO	EST	PRO	DI	PRO	EST	DI	DI	PRO	EST	MET	MET	PRO	
B29645	DI	EST	PRO	EST	PRO	PRO	PRO	DI	EST	PRO	DI	DI	PRO	PRO	DI	DI	DI	PRO	
B29646	PRO	DI	PRO	EST	EST	MET	DI	DI	PRO	EST	DI	DI	DI	EST	MET	MET	PRO	MET	
B29647	PRO	PRO	PRO	EST	DI	PRO	PRO	PRO	PRO	PRO	DI	DI	DI	PRO	DI	DI	PRO	MET	
B29648	PRO	EST	DI	DI	DI	PRO	MET	EST	PRO	PRO	PRO	DI	PRO	PRO	MET	DI	DI	PRO	
B29649	PRO	PRO	PRO	EST	DI	PRO	EST	EST	DI	PRO	EST	EST	DI	DI	PRO	EST	MET	DI	
B29650	PRO	DI	PRO	EST	PRO	PRO	PRO	PRO	PRO	DI	DI	DI	DI	DI	DI	DI	DI	DI	

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

Day 19: missing values

F0 GENERATION

ESTROUS STAGES

Dose: 250 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
B29626	MET	MET	MET	DI+S													
B29627	DI	DI	EST	MET	MET	PRO	EST+S										
B29628	EST	EST	MET	DI	PRO	EST+S											
B29629	DI	DI	MET	EST+S													
B29630	MET	MET	DI	DI	DI	DI	EST+S										
B29631	MET	EST	MET	DI	PRO	DI+S											
B29632	MET	MET	PRO	EST+S													
B29633	PRO	EST	MET	DI	PRO	EST+S											
B29634	DI	PRO	EST	MET	DI	MET	MET	MET	DI	DI	DI	DI	MET	DI	DI	MET	MET+S
B29635	DI	PRO	PRO	DI+S													
B29636	EST	MET	MET	PRO	EST+S												
B29637	MET	DI	PRO	MET+S													
B29638	DI	EST	MET	DI	PRO	EST+S											
B29639	DI	DI	PRO	EST+S													
B29640	EST	MET	DI	PRO	EST+S												
B29641	MET	MET	MET	EST+S													
B29642	DI	DI	EST	MET	MET	PRO	EST+S										
B29643	EST	PRO	MET	DI	PRO	EST+S											
B29644	DI	MET	DI	EST+S													
B29645	DI	PRO	EST	DI+S													
B29646	DI	DI	EST	DI	DI	PRO	EST+S										
B29647	DI	DI	MET	MET	MET	MET	DI	MET	DI	EST+S							
B29648	MET	MET	PRO	EST+S													
B29649	EST	MET	MET	PRO	DI+S												
B29650	DI	DI	PRO	EST+S													

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

F0 GENERATION

ESTROUS STAGES

Dose: 500 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29651	EST	DI	PRO	PRO	EST	DI	PRO	PRO	EST	DI	PRO	DI	EST	DI	DI	DI	EST	MET	
B29652	PRO	EST	DI	DI	MET	EST	PRO	PRO	PRO	EST	PRO	DI	PRO	EST	DI	DI	PRO	EST	
B29653	DI	PRO	EST	DI	DI	PRO	PRO	DI	DI	PRO	EST	DI	DI	PRO	EST	DI	DI	MET	
B29654	PRO	PRO	EST	PRO	MET	PRO	EST	DI	PRO	PRO	EST	DI	DI	PRO	EST	MET	DI	PRO	
B29655	EST	EST	PRO	MET	EST	DI	PRO	DI	PRO	PRO	MET	DI	DI	DI	PRO	MET	DI	DI	
B29656	EST	EST	PRO	DI	EST	PRO	EST	PRO	EST	PRO	EST	DI	PRO	PRO	EST	MET	DI	PRO	
B29657	EST	PRO	PRO	PRO	EST	PRO	EST	PRO	PRO	PRO	EST	PRO	PRO	DI	PRO	EST	DI	PRO	
B29658	EST	DI	DI	PRO	EST	DI	MET	PRO	EST	PRO	PRO	PRO	EST	DI	DI	MET	EST	MET	
B29659	DI	PRO	PRO	EST	DI	PRO	PRO	EST	EST	DI	EST	MET	EST	PRO	MET	PRO	EST	MET	
B29660	PRO	PRO	EST	DI	MET	PRO	EST	DI	DI	PRO	EST	PRO	MET	PRO	EST	MET	DI	PRO	
B29661	EST	DI	DI	PRO	EST	DI	PRO	PRO	PRO	EST	DI	DI	PRO	PRO	EST	DI	DI	DI	
B29662	EST	MET	PRO	DI	DI	PRO	MET	MET	EST	PRO	MET	DI	DI	DI	MET	MET	PRO	MET	
B29663	EST	EST	DI	DI	PRO	EST	PRO	PRO	PRO	EST	PRO	PRO	PRO	EST	MET	DI	PRO	EST	
B29664	PRO	DI	PRO	EST	DI	DI	PRO	PRO	PRO	PRO	PRO	DI	PRO	EST	MET	DI	MET	MET	
B29665	DI	PRO	EST	DI	EST	PRO	EST	PRO	EST	PRO	EST	DI	DI	PRO	EST	MET	DI	PRO	
B29666	EST	PRO	PRO	EST	EST	EST	EST	EST	EST	EST	EST	EST	PRO	EST	EST	MET	DI	PRO	
B29667	PRO	EST	DI	DI	PRO	EST	DI	PRO	PRO	EST	EST	PRO	PRO	EST	DI	MET	PRO	EST	
B29668	PRO	PRO	EST	DI	MET	EST	EST	DI	PRO	PRO	EST	DI	DI	PRO	EST	MET	DI	EST	
B29669	PRO	EST	DI	MET	PRO	PRO	PRO	DI	EST	PRO	PRO	DI	DI	DI	PRO	MET	DI	EST	
B29670	DI	PRO	EST	DI	DI	PRO	EST	PRO	PRO	PRO	EST	PRO	PRO	PRO	EST	MET	DI	PRO	
B29671	PRO	MET	PRO	EST	EST	MET	PRO	PRO	EST	PRO	DI	DI	PRO	PRO	DI	DI	EST	MET	
B29672	EST	DI	PRO	PRO	EST	PRO	MET	MET	PRO	PRO	DI	DI	DI	DI	DI	DI			
B29673	EST	DI	PRO	PRO	EST	PRO	PRO	DI	PRO	EST	PRO	DI	PRO	EST	DI	DI	PRO	EST	
B29674	PRO	PRO	PRO	PRO	DI	PRO	PRO	PRO	MET	DI	DI	DI	DI	PRO	DI	DI	DI	DI	
B29675	DI	PRO	PRO	EST	DI	PRO	PRO	PRO	EST	EST	PRO	DI	PRO	EST	EST	DI	DI	PRO	

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

Day 19: missing values

B29672, day 18: missing value

F0 GENERATION

ESTROUS STAGES

Dose: 500 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
B29651	DI	EST	MET	MET	PRO	EST+S											
B29652	DI	DI	EST	PRO	DI	EST	EST+S										
B29653	DI	MET	PRO	EST+S													
B29654	MET	MET	PRO	EST+S													
B29655	MET	MET	PRO	EST+S													
B29656	MET	MET	PRO	EST+S													
B29657	EST	EST	MET	DI+S													
B29658	MET	DI	MET	DI	DI	DI+S											
B29659	DI	MET	MET	MET	DI	MET	MET	DI	DI	EST	DI+S						
B29660	MET	MET	PRO	DI+S													
B29661	DI	DI	MET	DI	DI	MET	DI	DI	DI	DI+S							
B29662	MET	MET	MET	MET	MET	MET	MET	MET	DI	DI	MET	MET	MET+S				
B29663	DI	MET	EST	MET	MET	PRO	EST+S										
B29664	PRO	MET	DI	PRO	DI+S												
B29665	MET	DI	PRO	EST+S													
B29666	EST	EST	EST	EST+S													
B29667	MET	PRO	EST	MET	DI	PRO	EST+S										
B29668	MET	DI	MET	EST+S													
B29669	DI	DI	MET	EST+S													
B29670	MET	DI	MET	DI+S													
B29671	PRO	EST	MET	DI	PRO	EST+S											
B29672	MET	DI	PRO	EST+S													
B29673	DI	DI	EST	DI+S													
B29674	MET	DI	PRO	EST+S													
B29675	MET	DI	PRO	EST+S													

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

F0 GENERATION

ESTROUS STAGES

Dose: 1000 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29676	PRO	DI	PRO	EST	DI	PRO	DI	EST	EST	PRO	PRO	PRO	EST	PRO	PRO	PRO	EST	MET	
B29677	EST	PRO	PRO	PRO	EST	PRO	PRO	PRO	EST	PRO	EST	PRO	EST	PRO	MET	MET	EST	MET	
B29678	DI	PRO	EST	DI	MET	PRO	EST	EST	PRO	DI	EST	EST	DI	DI	PRO	EST	MET	DI	
B29679	PRO	PRO	EST	DI	MET	EST	EST	EST	EST	PRO	PRO	DI	DI	EST	MET	MET	PRO	EST	
B29680	DI	PRO	EST	DI	DI	PRO	EST	DI	PRO	PRO	EST	PRO	PRO	PRO	EST	MET	DI	PRO	
B29681	DI	MET	EST	PRO	DI	PRO	EST	DI	DI	PRO	EST	PRO	PRO	PRO	EST	MET	DI	DI	
B29682	EST	EST	EST	DI	PRO	PRO	EST	EST	PRO	PRO	EST	DI	DI	PRO	EST	MET	DI	PRO	
B29683	EST	DI	DI	MET	EST	DI	DI	MET	EST	EST	PRO	DI	PRO	EST	DI	DI	DI	EST	
B29684	PRO	EST	DI	DI	MET	EST	DI	PRO	PRO	EST	EST	PRO	PRO	EST	DI	DI	PRO	EST	
B29685	EST	EST	DI	DI	PRO	EST	DI	PRO	PRO	EST	EST	PRO	PRO	EST	PRO	MET	PRO	EST	
B29686	DI	MET	PRO	EST	PRO	PRO	PRO	EST	PRO	DI	EST	EST	DI	PRO	PRO	EST	MET	DI	
B29687	PRO	EST	DI	DI	PRO	EST	DI	PRO	PRO	EST	DI	PRO	EST	DI	MET	DI	MET	PRO	EST
B29688	EST	DI	PRO	PRO	EST	PRO	PRO	EST	EST	PRO	EST	EST	EST	PRO	DI	DI	EST	MET	
B29689	EST	EST	PRO	DI	EST	EST	PRO	PRO	EST	EST	EST	DI	PRO	EST	DI	DI	PRO	EST	
B29690	EST	PRO	DI	PRO	EST	PRO	DI	PRO	EST	DI	EST	PRO	EST	DI	DI	DI	EST	MET	
B29691	EST	EST	PRO	PRO	EST	PRO	DI	PRO	EST	EST	EST	PRO	EST	DI	PRO	PRO	EST	MET	
B29692	DI	PRO	EST	DI	DI	PRO	EST	DI	PRO	PRO	EST	DI	PRO	PRO	EST	DI	MET	PRO	
B29693	PRO	EST	PRO	EST	PRO	PRO	PRO	PRO	EST	PRO	DI	PRO	EST	PRO	PRO	MET	EST	EST	
B29694	EST	MET	PRO	PRO	EST	DI	PRO	PRO	EST	DI	DI	DI	EST	PRO	PRO	MET	EST	MET	
B29695	EST	PRO	PRO	PRO	EST	PRO	MET	PRO	EST	PRO	PRO	PRO	EST	PRO	DI	DI	EST	DI	
B29696	DI	DI	PRO	EST	DI	MET	EST	PRO	DI	EST	PRO	DI	DI	EST	EST	MET	PRO	EST	
B29697	EST	PRO	PRO	PRO	EST	EST	PRO	PRO	EST	PRO	EST	EST	EST	PRO	DI	EST	EST	MET	
B29698	EST	DI	PRO	PRO	EST	DI	PRO	PRO	EST	DI	EST	PRO	EST	DI	DI	EST	EST	MET	
B29699	EST	EST	DI	PRO	EST	DI	PRO	PRO	EST	PRO	PRO	DI	DI	DI	DI	DI	DI	DI	
B29700	PRO	EST	EST	DI	MET	PRO	EST	PRO	MET	PRO	EST	DI	DI	PRO	EST	MET	MET	MET	

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

Day 19: missing values

F0 GENERATION

ESTROUS STAGES

Dose: 1000 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
B29676	PRO	EST	MET	MET	PRO	DI+S											
B29677	MET	EST	MET	DI	PRO	DI+S											
B29678	EST	MET	MET	PRO	EST+S												
B29679	MET	MET	MET	DI+S													
B29680	MET	MET	PRO	EST+S													
B29681	MET	MET	PRO	DI+S													
B29682	MET	DI	PRO	EST+S													
B29683	DI	DI	EST	DI	DI	PRO	EST+S										
B29684	MET	MET	EST	MET	DI	PRO	EST+S										
B29685	MET	EST	PRO	EST+S													
B29686	EST	MET	MET	PRO	EST+S												
B29687	MET	PRO	EST	MET	MET	PRO	EST+S										
B29688	DI	MET	MET	DI	PRO	EST+S											
B29689	MET	PRO	EST	MET	DI	PRO	EST+S										
B29690	DI	EST	MET	DI	PRO	EST+S											
B29691	PRO	EST	MET	DI	PRO	EST+S											
B29692	MET	MET	EST	EST+S													
B29693	PRO	MET	MET	PRO	EST+S												
B29694	MET	EST	MET	MET	MET	DI+S											
B29695	MET	EST	MET	MET	PRO	EST+S											
B29696	DI	EST	EST	MET	DI	PRO	EST+S										
B29697	PRO	EST	MET	DI	PRO	DI+S											
B29698	MET	EST	MET	MET	PRO	EST+S											
B29699	DI	PRO	PRO	DI+S													
B29700	DI	DI	DI	MET	DI	DI	DI	EST	MET	DI	DI+S						

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

22. F0 generation - pregnancy status of females (individual data)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F0 GENERATION**PREGNANCY STATUS OF FEMALES (Individual data)**

Dose: 0 mg/kg/day

ANIMAL#	DATE PREGNANT	DATE OF DEL	SCHED. SAC	ACTUAL DEATH	STATUS CODES
B29601	13-JUN-03	4-JUL-03		28-JUL-03	Fin sac/Pg
B29602	11-JUN-03	3-JUL-03		25-JUL-03	Fin sac/Pg
B29603	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29604	13-JUN-03	5-JUL-03		29-JUL-03	Fin sac/Pg
B29605	12-JUN-03	5-JUL-03		30-JUL-03	Fin sac/Pg
B29606	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29607	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29608	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29609	11-JUN-03	3-JUL-03		25-JUL-03	Fin sac/Pg
B29610	10-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29611	18-JUN-03	9-JUL-03		31-JUL-03	Fin sac/Pg
B29612	11-JUN-03	3-JUL-03		25-JUL-03	Fin sac/Pg
B29613	10-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29614	13-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29615	13-JUN-03	5-JUL-03		30-JUL-03	Fin sac/Pg
B29616	12-JUN-03	3-JUL-03		25-JUL-03	Fin sac/Pg
B29617	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29618	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29619	12-JUN-03	3-JUL-03		25-JUL-03	Fin sac/Pg
B29620	16-JUN-03			15-JUL-03	Fin sac/NotPg/No delivery
B29621	11-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29622	21-JUN-03	13-JUL-03		4-AUG-03	Fin sac/Pg
B29623	11-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29624	12-JUN-03			9-JUL-03	Fin sac/NotPg/No delivery
B29625	11-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg

F0 GENERATION

PREGNANCY STATUS OF FEMALES (Individual data)

Dose: 250 mg/kg/day

ANIMAL#	DATE PREGNANT	DATE OF DEL	SCHED. SAC	ACTUAL DEATH	STATUS CODES
B29626	10-JUN-03	1-JUL-03		9-JUL-03	Prem sac/Pg/Lactation
B29627	13-JUN-03	5-JUL-03		30-JUL-03	Fin sac/Pg
B29628	12-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29629	10-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29630	13-JUN-03			9-JUL-03	Fin sac/NotPg/No delivery
B29631	12-JUN-03			9-JUL-03	Fin sac/NotPg/No delivery
B29632	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29633	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29634	23-JUN-03	15-JUL-03		6-AUG-03	Fin sac/Pg
B29635	10-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29636	11-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29637	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29638	12-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29639	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29640	11-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29641	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29642	13-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29643	12-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29644	10-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29645	10-JUN-03			7-JUL-03	Fin sac/NotPg/No delivery
B29646	13-JUN-03	5-JUL-03		30-JUL-03	Fin sac/Pg
B29647	16-JUN-03			15-JUL-03	Fin sac/NotPg/No delivery
B29648	10-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29649	11-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29650	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg

F0 GENERATION

PREGNANCY STATUS OF FEMALES (Individual data)

Dose: 500 mg/kg/day

ANIMAL#	DATE PREGNANT	DATE OF DEL	SCHED. SAC	ACTUAL DEATH	STATUS CODES
B29651	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29652	13-JUN-03	5-JUL-03		30-JUL-03	Fin sac/Pg
B29653	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29654	10-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29655	10-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29656	10-JUN-03			7-JUL-03	Fin sac/NotPg/No delivery
B29657	10-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29658	12-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29659	17-JUN-03	8-JUL-03		30-JUL-03	Fin sac/Pg
B29660	10-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29661	16-JUN-03	7-JUL-03		11-JUL-03	Prem sac/Pg/Lactation
B29662	19-JUN-03	11-JUL-03		4-AUG-03	Fin sac/Pg
B29663	13-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29664	11-JUN-03	2-JUL-03		24-JUL-03	Fin sac/Pg
B29665	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29666	10-JUN-03			7-JUL-03	Fin sac/NotPg/No delivery
B29667	13-JUN-03	5-JUL-03		30-JUL-03	Fin sac/Pg
B29668	10-JUN-03	2-JUL-03		4-JUL-03	Prem sac/Pg/Lactation
B29669	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29670	10-JUN-03	2-JUL-03		25-JUL-03	Fin sac/Pg
B29671	12-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29672	10-JUN-03	2-JUL-03		25-JUL-03	Fin sac/Pg
B29673	10-JUN-03			7-JUL-03	Fin sac/NotPg/No delivery
B29674	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29675	10-JUN-03	1-JUL-03		4-JUL-03	Prem sac/Pg/Lactation

F0 GENERATION**PREGNANCY STATUS OF FEMALES (Individual data)**

Dose: 1000 mg/kg/day

ANIMAL#	DATE PREGNANT	DATE OF DEL	SCHED. SAC	ACTUAL DEATH	STATUS CODES
B29676	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29677	12-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29678	11-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29679	10-JUN-03	2-JUL-03		25-JUL-03	Fin sac/Pg
B29680	10-JUN-03	2-JUL-03		25-JUL-03	Fin sac/Pg
B29681	10-JUN-03	2-JUL-03		25-JUL-03	Fin sac/Pg
B29682	10-JUN-03	2-JUL-03		25-JUL-03	Fin sac/Pg
B29683	13-JUN-03	5-JUL-03		30-JUL-03	Fin sac/Pg
B29684	13-JUN-03	5-JUL-03		30-JUL-03	Fin sac/Pg
B29685	10-JUN-03	2-JUL-03		25-JUL-03	Fin sac/Pg
B29686	11-JUN-03	2-JUL-03		25-JUL-03	Fin sac/Pg
B29687	13-JUN-03	5-JUL-03		30-JUL-03	Fin sac/Pg
B29688	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29689	13-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29690	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29691	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29692	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29693	11-JUN-03	3-JUL-03		28-JUL-03	Fin sac/Pg
B29694	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29695	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29696	13-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29697	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29698	12-JUN-03	4-JUL-03		29-JUL-03	Fin sac/Pg
B29699	10-JUN-03	1-JUL-03		23-JUL-03	Fin sac/Pg
B29700	17-JUN-03	9-JUL-03		31-JUL-03	Fin sac/Pg

23. F0 generation - delivery and litter data

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F0 GENERATION
DELIVERY AND LITTER DATA

Dose: 0 mg/kg/day

FEMALE#	LITTER DELIVERED			NUMBER OF LIVE PUPS										TOTAL IMPLAN- TATIONS N	DURATION OF GESTATION (DAYS) N			
	LIVE N	DEAD N	TOTAL N	DAYS														
				1		4		4		7		14				21		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	N	N			
B29601	SP	15	0	15	9	6	9	6	4	4	4	4	4	3	4	3	15	21
B29602	SP	15	0	15	7	8	7	8	4	4	4	4	4	4	4	4	16	22
B29603	SP	18	0	18	8	10	8	10	4	4	3	3	3	3	3	3	18	21
B29604	SP	14	0	14	6	8	6	8	4	4	4	4	4	4	4	4	14	22
B29605	SP	14	0	14	7	6	7	6	4	4	4	4	4	4	4	4	14	23
B29606	SP	14	0	14	7	7	7	7	4	4	4	4	4	4	4	4	14	21
B29607	SP	12	0	12	7	5	7	5	4	4	4	4	4	4	4	4	12	22
B29608	SP	10	0	10	4	6	4	6	4	4	4	4	4	4	4	4	11	22
B29609	SP	12	0	12	11	1	11	1	7	1	7	1	7	1	7	1	14	22
B29610	SP	10	0	10	7	3	7	3	5	3	5	3	5	3	5	3	11	22
B29611	SP	16	0	16	9	7	9	7	4	4	1	2	1	2	1	2	16	21
B29612	SP	14	0	14	4	10	4	10	4	4	4	4	4	4	4	4	16	22
B29613	SP	14	0	14	6	8	6	8	4	4	4	4	4	4	4	4	14	22
B29614	SP	17	0	17	11	6	11	6	4	4	4	4	4	4	4	4	19	21
B29615	SP	19	0	19	11	8	6	6	4	4	4	4	4	3	4	3	19	22
B29616	SP	14	0	14	5	9	5	9	4	4	4	4	4	4	4	4	14	21
B29617	SP	16	0	16	7	9	7	9	4	4	4	4	4	4	4	4	16	22
B29618	SP	15	0	15	6	9	6	9	4	4	4	4	4	4	4	4	17	21
B29619	SP	13	0	13	5	8	5	8	4	4	4	3	4	3	4	3	15	21
B29620	SNB																	
B29621	SP	14	0	14	9	5	9	5	4	4	4	4	4	4	4	4	14	22
B29622	SP	15	0	15	9	6	9	6	4	4	4	4	4	4	4	4	16	22
B29623	SP	14	0	14	10	4	10	4	4	4	4	4	4	4	4	4	15	22
B29624	SNB																	
B29625	SP	13	0	13	6	7	6	7	4	4	4	4	4	4	4	4	13	21
TOTAL		328	0	328	327		320		184		176		174		174		343	
MEAN		14.3	0.0	14.3	14.2		13.9		8.0		7.7		7.6		7.6		14.9	21.7
S.D.		2.2	0.0	2.2	2.2		2.0		0.0		1.1		1.1		1.1		2.2	0.6
N		23	23	23	23		23		23		23		23		23		23	23

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

DAY 4 COLUMNS = PRE- AND POSTCULLING RESPECTIVELY

F0 GENERATION
DELIVERY AND LITTER DATA

Dose: 250 mg/kg/day

FEMALE#	LITTER DELIVERED			NUMBER OF LIVE PUPS												TOTAL IMPLAN- TATIONS N	DURATION OF GESTATION (DAYS) N	
	LIVE N	DEAD N	TOTAL N	DAYS														
				1		4		7		14		21						
				M	F	M	F	M	F	M	F	M	F	M	F			
B29626	UPL	14	0	14	3	11	3	9	3	5	0	1	0	0	0	0	15	21
B29627	SP	14	0	14	8	5	8	5	4	4	4	4	4	4	4	4	14	22
B29628	SP	16	0	16	6	10	6	10	4	4	4	4	4	4	4	4	16	21
B29629	SP	16	0	16	10	6	7	5	4	4	4	4	4	4	4	4	17	22
B29630	SNB																	
B29631	SNB																	
B29632	SP	11	0	11	6	5	6	5	4	4	4	4	4	4	4	4	12	21
B29633	SP	14	0	14	2	11	1	8	1	7	0	7	0	7	0	7	14	22
B29634	SP	12	0	12	6	6	6	6	4	4	4	4	4	4	4	4	14	22
B29635	SP	10	0	10	5	5	5	5	4	4	4	4	4	4	4	4	10	22
B29636	SP	15	0	15	7	8	7	7	4	4	4	4	4	4	4	4	15	21
B29637	SP	12	0	12	3	9	3	9	3	5	3	5	3	5	3	5	14	21
B29638	SP	18	0	18	8	10	8	10	4	4	4	4	4	4	4	4	18	21
B29639	SP	14	0	14	8	6	8	6	4	4	4	4	4	4	4	4	15	21
B29640	SP	12	0	12	6	6	6	6	4	4	4	4	4	4	4	4	14	22
B29641	SP	14	0	14	9	5	9	5	4	4	4	4	4	4	4	4	14	21
B29642	SP	16	0	16	7	9	7	9	4	4	4	4	4	4	4	4	17	21
B29643	SP	17	0	17	9	8	8	7	4	4	4	4	4	4	4	4	18	21
B29644	SP	15	0	15	7	8	6	8	4	4	3	4	3	4	3	4	15	22
B29645	SNB																	
B29646	SP	14	0	14	10	4	10	4	4	4	4	4	4	3	4	3	16	22
B29647	SNB																	
B29648	SP	11	0	11	5	6	5	6	4	4	4	4	4	4	4	4	13	22
B29649	SP	13	0	13	9	4	9	4	4	4	4	4	4	4	4	4	14	22
B29650	SP	18	0	18	6	12	5	8	4	4	3	2	3	2	3	2	19	21
TOTAL		296	0	296	294		275		168		156		154		154		314	
MEAN		14.1	0.0	14.1	14.0		13.1		8.0		7.4		7.7		7.7		15.0	21.5
S.D.		2.3	0.0	2.3	2.3		2.1		0.0		1.6		0.7		0.7		2.1	0.5
N		21	21	21	21		21		21		21		20		20		21	21

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

DAY 4 COLUMNS = PRE- AND POSTCULLING RESPECTIVELY

F0 GENERATION
DELIVERY AND LITTER DATA

Dose: 500 mg/kg/day

FEMALE#	LITTER DELIVERED			NUMBER OF LIVE PUPS												TOTAL IMPLAN- TATIONS N	DURATION OF GESTATION (DAYS) N	
	LIVE N	DEAD N	TOTAL N	DAYS														
				1		4		7		14		21						
				M	F	M	F	M	F	M	F	M	F	M	F			
B29651	SP	16	0	16	8	8	8	8	4	4	4	4	4	4	4	4	16	22
B29652	SP	14	0	14	8	6	8	6	4	4	4	4	4	4	4	4	15	22
B29653	SP	15	0	15	8	7	8	6	4	4	4	4	4	4	4	4	15	21
B29654	SP	17	0	17	7	10	7	10	4	4	3	4	3	3	3	3	17	22
B29655	SP	14	0	14	6	8	6	8	4	4	4	4	4	4	4	4	14	22
B29656	SNB																	
B29657	SP	9	0	9	6	2	6	2	6	2	6	2	6	2	6	2	11	22
B29658	SP	17	0	17	4	12	4	12	4	4	4	4	4	4	4	4	17	21
B29659	SP	16	0	16	11	5	11	5	4	4	4	3	4	3	4	3	16	21
B29660	SP	13	0	13	7	6	7	6	4	4	4	4	4	4	4	4	14	22
B29661	UPL	18	0	18	8	9	0	0	0	0	0	0	0	0	0	0	19	21
B29662	SP	14	0	14	4	10	4	10	4	4	4	4	4	4	4	4	15	22
B29663	SP	15	0	15	9	6	8	6	4	4	4	4	4	4	4	4	16	21
B29664	SP	15	0	15	10	5	9	5	4	4	4	4	4	4	4	4	15	21
B29665	SP	17	0	17	9	8	9	8	4	4	4	4	4	4	4	4	18	21
B29666	SNB																	
B29667	SP	20	0	20	8	9	8	7	4	4	3	3	3	3	3	3	20	22
B29668	UPL	15	0	15	5	6	0	0	0	0	0	0	0	0	0	0	15	22
B29669	SP	13	0	13	6	7	6	7	4	4	3	4	3	4	3	4	14	21
B29670	SP	16	0	16	9	7	9	6	4	4	4	4	4	4	4	4	17	22
B29671	SP	13	0	13	5	8	5	8	4	4	4	4	4	4	4	4	15	21
B29672	SP	12	0	12	5	7	5	7	4	4	4	4	4	4	4	4	13	22
B29673	SNB																	
B29674	SP	14	0	14	4	10	4	10	4	4	4	4	4	4	4	4	14	21
B29675	UPL	14	0	14	7	7	0	0	0	0	0	0	0	0	0	0	18	21
TOTAL		327	0	327	317		269		152		147		146		146		344	
MEAN		14.9	0.0	14.9	14.4		14.2		8.0		7.7		7.7		7.7		15.6	21.5
S.D.		2.3	0.0	2.3	2.2		2.0		0.0		0.6		0.7		0.7		2.1	0.5
N		22	22	22	22		19		19		19		19		19		22	22

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery UPL=Prem sac/Pg/Lactation

DAY 4 COLUMNS = PRE- AND POSTCULLING RESPECTIVELY

F0 GENERATION
DELIVERY AND LITTER DATA

Dose: 1000 mg/kg/day

FEMALE#	LITTER DELIVERED			NUMBER OF LIVE PUPS										TOTAL IMPLAN- TATIONS N	DURATION OF GESTATION (DAYS) N			
	LIVE N	DEAD N	TOTAL N	DAYS														
				1		4		4		7		14				21		
				M	F	M	F	M	F	M	F	M	F	M	F			
B29676	SP	10	0	10	7	3	7	3	5	3	5	3	5	3	5	3	11	22
B29677	SP	15	0	15	9	6	9	6	4	4	4	4	4	4	4	4	15	21
B29678	SP	17	0	17	12	5	12	4	4	4	4	4	4	4	4	4	17	22
B29679	SP	10	0	10	4	6	4	6	4	4	4	4	4	4	4	4	11	22
B29680	SP	14	0	14	2	12	2	12	2	6	2	6	2	5	2	5	14	22
B29681	SP	13	0	13	8	5	8	5	4	4	4	4	4	4	4	4	14	22
B29682	SP	14	0	14	9	5	9	5	4	4	4	4	4	4	4	4	14	22
B29683	SP	14	0	14	7	7	7	7	4	4	4	4	4	4	4	4	15	22
B29684	SP	13	0	13	7	6	7	6	4	4	4	4	4	4	4	4	17	22
B29685	SP	12	0	12	7	5	7	5	4	4	4	4	4	4	4	4	15	22
B29686	SP	15	0	15	9	6	9	6	4	4	4	4	4	4	4	4	15	21
B29687	SP	17	0	17	10	7	10	7	4	4	4	4	4	4	4	4	17	22
B29688	SP	17	0	17	8	9	8	9	4	4	4	4	4	4	4	4	19	22
B29689	SP	16	0	16	7	9	7	9	4	4	4	4	4	4	4	4	16	21
B29690	SP	15	0	15	6	9	6	9	4	4	4	4	4	4	4	4	16	22
B29691	SP	15	0	15	9	6	9	6	4	4	4	4	4	4	4	4	15	22
B29692	SP	15	0	15	8	7	8	7	4	4	4	4	4	4	4	4	15	21
B29693	SP	16	0	16	7	8	7	7	4	4	4	4	4	4	4	4	19	22
B29694	SP	14	0	14	7	7	7	6	4	4	4	4	4	4	4	4	16	22
B29695	SP	15	0	15	7	8	7	8	4	4	4	4	4	4	4	4	16	22
B29696	SP	15	0	15	9	6	6	5	4	4	4	4	4	4	4	4	15	21
B29697	SP	12	0	12	8	4	8	4	4	4	4	4	4	4	4	4	13	22
B29698	SP	14	0	14	10	4	10	4	4	4	4	4	4	4	4	4	14	22
B29699	SP	11	0	11	7	4	7	4	4	4	4	4	4	4	4	4	14	21
B29700	SP	15	0	15	9	6	9	6	4	5	4	4	4	4	4	4	16	22
TOTAL		354	0	354	353		346		201		200		199		199		379	
MEAN		14.2	0.0	14.2	14.1		13.8		8.0		8.0		8.0		8.0		15.2	21.8
S.D.		2.0	0.0	2.0	1.9		2.0		0.2		0.0		0.2		0.2		1.9	0.4
N		25	25	25	25		25		25		25		25		25		25	25

SP=Fin sac/Pg

DAY 4 COLUMNS = PRE- AND POSTCULLING RESPECTIVELY

24. F0 generation - daily litter survival

F0 GENERATION
DAILY LITTER SURVIVAL

Dose: 0 mg/kg/day

FEMALE#	NUMBER OF LIVE PUPS																							
	DAYS																							
	1		2		3		4		5		6		7		8		9		10		11		12	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
B29601	9	6	9	6	9	6	9	6	4	4	4	4	4	4	4	3	4	3	4	3	4	3	4	3
B29602	7	8	7	8	7	8	7	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29603	8	10	8	10	8	10	8	10	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
B29604	6	8	6	8	6	8	6	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29605	7	6	7	6	7	6	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29606	7	7	7	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29607	7	5	7	5	7	5	7	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29608	4	6	4	6	4	6	4	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29609	11	1	11	1	11	1	11	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1
B29610	7	3	7	3	7	3	7	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
B29611	9	7	9	7	9	7	9	7	3	3	3	3	1	2	1	2	1	2	1	2	1	2	1	2
B29612	4	10	4	10	4	10	4	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29613	6	8	6	8	6	8	6	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29614	11	6	11	6	11	6	11	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29615	11	8	8	6	6	6	6	6	4	4	4	4	4	4	4	3	4	3	4	3	4	3	4	3
B29616	5	9	5	9	5	9	5	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29617	7	9	7	9	7	9	7	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29618	6	9	6	9	6	9	6	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29619	5	8	5	8	5	8	5	8	4	4	4	4	4	3	4	3	4	3	4	3	4	3	4	3
B29621	9	5	9	5	9	5	9	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29622	9	6	9	6	9	6	9	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29623	10	4	10	4	10	4	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29625	6	7	6	7	6	7	6	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
TOTAL	171	156	168	154	166	154	166	154	95	87	95	86	92	84	92	82	92	82	92	82	92	82	92	82

F0 GENERATION
DAILY LITTER SURVIVAL

Dose: 250 mg/kg/day

FEMALE#	NUMBER OF LIVE PUPS																							
	DAYS																							
	1		2		3		4		5		6		7		8		9		10		11		12	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
B29626	3	11	3	11	3	11	3	9	1	5	0	2	0	1	0	0	0	0	0	0	0	0	0	
B29627	8	5	8	5	8	5	8	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29628	6	10	6	10	6	10	6	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29629	10	6	10	6	9	6	7	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29632	6	5	6	5	6	5	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29633	2	11	1	8	1	8	1	8	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7
B29634	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29635	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29636	7	8	7	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29637	3	9	3	9	3	9	3	9	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5
B29638	8	10	8	10	8	10	8	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29639	8	6	8	6	8	6	8	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29640	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29641	9	5	9	5	9	5	9	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29642	7	9	7	9	7	9	7	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29643	9	8	9	8	8	7	8	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29644	7	8	7	8	6	8	6	8	4	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4
B29646	10	4	10	4	10	4	10	4	4	4	4	4	4	4	4	4	3	4	3	4	3	4	3	
B29648	5	6	5	6	5	6	5	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29649	9	4	9	4	9	4	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29650	6	12	6	12	6	12	5	8	4	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL	140	154	139	150	136	149	133	142	76	87	73	84	73	83	73	82	73	81	73	81	73	81	73	81

F0 GENERATION
DAILY LITTER SURVIVAL

Dose: 500 mg/kg/day

FEMALE#	NUMBER OF LIVE PUPS																							
	DAYS																							
	1		2		3		4		5		6		7		8		9		10		11		12	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
B29651	8	8	8	8	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29652	8	6	8	6	8	6	8	6	8	6	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29653	8	7	8	6	8	6	8	6	8	6	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29654	7	10	7	10	7	10	7	10	7	10	4	4	3	4	3	4	3	4	3	4	3	3	3	
B29655	6	8	6	8	6	8	6	8	6	8	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29657	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	
B29658	4	12	4	12	4	12	4	12	4	12	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29659	11	5	11	5	11	5	11	5	11	5	4	4	4	3	4	3	4	3	4	3	4	3	4	
B29660	7	6	7	6	7	6	7	6	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29661	8	9	3	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B29662	4	10	4	10	4	10	4	10	4	10	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29663	9	6	9	6	9	6	8	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29664	10	5	9	5	9	5	9	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29665	9	8	9	8	9	8	9	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29667	8	9	8	9	8	9	8	7	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	
B29668	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B29669	6	7	6	7	6	7	6	7	4	4	3	4	3	4	3	4	3	4	3	4	3	4	3	
B29670	9	7	9	7	9	6	9	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29671	5	8	5	8	5	8	5	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29672	5	7	5	7	5	7	5	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29674	4	10	4	10	4	10	4	10	4	10	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29675	7	7	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	154	163	141	149	135	141	132	137	78	74	76	73	75	72	75	72	75	72	75	72	75	71	75	

F0 GENERATION
DAILY LITTER SURVIVAL

Dose: 1000 mg/kg/day

FEMALE#	NUMBER OF LIVE PUPS																							
	DAYS																							
	1		2		3		4		5		6		7		8		9		10		11		12	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
B29676	7	3	7	3	7	3	7	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
B29677	9	6	9	6	9	6	9	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29678	12	5	12	5	12	4	12	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29679	4	6	4	6	4	6	4	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29680	2	12	2	12	2	12	2	12	2	6	2	6	2	6	2	5	2	5	2	5	2	5	2	5
B29681	8	5	8	5	8	5	8	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29682	9	5	9	5	9	5	9	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29683	7	7	7	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29684	7	6	7	6	7	6	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29685	7	5	7	5	7	5	7	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29686	9	6	9	6	9	6	9	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29687	10	7	10	7	10	7	10	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29688	8	9	8	9	8	9	8	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29689	7	9	7	9	7	9	7	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29690	6	9	6	9	6	9	6	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29691	9	6	9	6	9	6	9	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29692	8	7	8	7	8	7	8	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29693	7	8	7	8	7	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29694	7	7	7	7	7	6	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29695	7	8	7	8	7	8	7	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29696	9	6	6	5	6	5	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29697	8	4	8	4	8	4	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29698	10	4	10	4	10	4	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29699	7	4	7	4	7	4	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29700	9	6	9	6	9	6	9	6	4	5	4	5	4	4	4	4	4	4	4	4	4	4	4	4
TOTAL	193	160	190	159	190	156	190	156	99	102	99	102	99	101	99	100	99	100	99	100	99	100	99	100

25. F0 generation - pup survival (individual data/lactation period)

F0 GENERATION

PUP SURVIVAL (Individual data/Lactation period)

Dose: 0 mg/kg/day

FEMALE#	PUP #																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
B29601	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FZ 8	FW24	FW24	FC 4	FC 4							
B29602	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4	FC 4								
B29603	MZ 7	MP22	MW22	MW22	MC 4	MC 4	MC 4	FP22	FW22	FW22	FZ 6	FC 4	FC 4	FC 4	FC 4	FC 4	MC 4	FC 4	FC 4				
B29604	MP22	MW24	MW24	MW24	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4									
B29605	MP22	MP22	MW25	MW25	MC 4	MC 4	MC 4	MM 1	FP22	FP22	FW25	FW25	FC 4	FC 4									
B29606	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4									
B29607	MP22	MW25	MW25	MW25	MC 4	FC 4	MC 4	MC 4	FP22	FW25	FW25	FW25											
B29608	MW25	MP22	MW25	MW25	FP22	FW25	FW25	FW25	FC 4	FC 4													
B29609	MP22	MW22	MW22	MW22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	FP22										
B29610	MP22	MW22	MW22	MW22	MC 4	MC 4	FP22	MW22	FW22	FW22													
B29611	MD 7	MD 5	MD 7	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FW22	FW22	FD 5	FD 7	FC 4	FC 4	FC 4	FC 4					
B29612	MP22	MW22	MW22	MW22	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4								
B29613	MP22	MP22	MW22	MW22	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4	FC 4	MC 4									
B29614	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4						
B29615	MD 3	MP22	MD 3	MW25	MW25	MD 2	MD 2	MW25	MC 4	MC 4	MD 2	FW25	FD 2	FP22	FD 8	FW25	FC 4	FC 4	FC 4	FD 2			
B29616	MP22	MP22	MW22	MW22	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4	FC 4	FC 4									
B29617	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	FC 4	FP22	FW25	FW25	FW25	FC 4	FC 4	FC 4	FC 4							
B29618	MP22	MW22	MW22	MW22	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4	FC 4	FC 4								
B29619	MP22	MW22	MW22	MW22	MC 4	FP22	FW22	FZ 7	FW22	FC 4	FC 4	FC 4	FC 4										
B29621	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4								
B29622	MW22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FW22	FW22	FW22	FW22	FC 4	FC 4							
B29623	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25									
B29625	MW22	MP22	MW22	MW22	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4										

SEX CODES: M-MALE F-FEMALE U-UNCERTAIN

PUP STATUS CODES: A-ALIVE D-DIED C-CULLED Z-CANNIBALIZED M-MISSING P-SELECTED PARENT W-SACRIFICED AFTER WEANING

F0 GENERATION

PUP SURVIVAL (Individual data/Lactation period)

Dose: 250 mg/kg/day

FEMALE#	PUP #																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
B29626	MD 6	MD 5	MZ 5	FZ 6	FD 4	FZ 7	FD 4	FZ 8	FD 6	FD 6	FC 4	FC 4	FC 4	FC 4									
B29627	MP22	MP22	MW25	MW25	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW25	FW25	FC 4	FD 1									
B29628	MP22	MP22	MW25	MW25	MC 4	MC 4	FP22	FP22	FW25	FW25	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4							
B29629	MP22	MZ 4	MZ 4	MW22	MW22	MW22	MC 4	MC 4	MC 4	FZ 4	FW22	FP22	FW22	FW22	MD 3	FC 4							
B29632	MP22	MP22	MW22	MW22	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4												
B29633	MD 1	MD 2	MD 5	FW25	FP22	FW25	FD 2	FD 2	FW25	FD 2	FW25	FW25	FW25	FC 4									
B29634	MW22	MW22	MW22	MW22	MC 4	MC 4	FW22	FW22	FW22	FW22	FC 4	FC 4											
B29635	MP22	MP22	MW22	MW22	MC 4	FP22	FP22	FW22	FW22	FC 4													
B29636	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4	FZ 2								
B29637	MP22	MW22	MW22	FP22	FW22	FW22	FW22	FW22	FC 4	FC 4	FC 4	FC 4											
B29638	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4					
B29639	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4									
B29640	MP22	MW25	MW25	MW25	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4											
B29641	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	FW22	FP22	FP22	FW22	FC 4									
B29642	MP22	MP22	MW25	MW25	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4	FC 4	FC 4	FC 4							
B29643	MP22	MW25	MW25	MW25	MC 4	MD 3	MC 4	MC 4	MC 4	FP22	FW25	FD 3	FW25	FW25	FC 4	FC 4	FC 4						
B29644	MP22	MW22	MD 3	MD 6	MW22	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4	FC 4								
B29646	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FZ 9	FW25									
B29648	MP22	MW22	MW22	MW22	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4												
B29649	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25										
B29650	MP22	MZ 6	MW22	MZ 4	MW22	MC 4	FD 5	FD 5	FW22	FP22	FZ 4	FC 4	FZ 4	FC 4	FZ 4	FZ 4	FC 4	FC 4					

SEX CODES: M-MALE F-FEMALE U-UNCERTAIN

PUP STATUS CODES: A-ALIVE D-DIED C-CULLED Z-CANNIBALIZED P-SELECTED PARENT W-SACRIFICED AFTER WEANING

F0 GENERATION

PUP SURVIVAL (Individual data/Lactation period)

Dose: 500 mg/kg/day

FEMALE#	PUP #																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
B29651	MP22	MP22	MW25	MW25	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW25	FW25	FC 4	FC 4	FC 4	FC 4							
B29652	MP22	MP22	MW25	MW25	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW25	FW25	FC 4	FC 4									
B29653	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	FP22	FW22	FP22	FW22	FZ 2	FC 4	FC 4								
B29654	MP22	MW22	MW22	MD 6	MC 4	MC 4	MC 4	FP22	FW22	FZ11	FW22	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4						
B29655	MP22	MP22	MW22	MW22	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4	FC 4									
B29657	MP22	MW22	MW22	MW22	MW22	MD 1	MW22	FP22	FW22														
B29658	MP22	MP22	MW25	MW25	FP22	FP22	FW25	FW25	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4
B29659	MW22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FW22	FW22	FW22	FZ 6	FC 4						
B29660	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4										
B29661	MD 2	MZ 2	MZ 2	MZ 2	MZ 3	MZ 4	MZ 4	MD 2	FZ 3	FZ 4	FD 2	FZ 4	FD 2	FZ 3	FD 2	FZ 2	FD 2	FD 1					
B29662	MW24	MW24	MW24	MW24	FW24	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4									
B29663	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	MD 4	FP22	FW25	FW25	FW25	FC 4	FC 4								
B29664	MP22	MW22	MW22	MW22	MC 4	MD 2	MC 4	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4								
B29665	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4	FC 4						
B29667	MP22	MZ 7	MW25	MW25	MC 4	MC 4	MC 4	MC 4	FZ 4	FP22	FW25	FW25	FZ 7	FD 1	FC 4	FC 4	FC 4	FC 4	FD 1	FZ 4	MD 1		
B29668	MZ 2	MB 2	MZ 2	MZ 2	MZ 2	MD 1	FD 2	FB 2	FB 2	FD 2	FZ 2	FB 2	FD 1	FD 1	FD 1								
B29669	MP22	MW22	MD 6	MW22	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4										
B29670	MP22	MW23	MW23	MW23	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FD 3	FW23	FW23	FW23	FC 4	FC 4							
B29671	MP22	MP22	MW25	MW25	MC 4	FW25	FP22	FP22	FW25	FC 4	FC 4	FC 4	FC 4										
B29672	MP22	MW23	MW23	MW23	MC 4	FP22	FW23	FW23	FW23	FC 4	FC 4	FC 4											
B29674	MP22	MW22	MW22	MW22	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4									
B29675	MD 2	MD 3	MD 2	MB 3	MD 3	MB 3	MD 3	FD 2	FD 3	FD 2	FB 3	FD 3	FB 3	FB 3	FZ 3								

SEX CODES: M-MALE F-FEMALE U-UNCERTAIN

PUP STATUS CODES: A-ALIVE D-DIED C-CULLED Z-CANNIBALIZED B-SACRIFICED MORIBUND P-SELECTED PARENT W-SACRIFICED AFTER WEANING

F0 GENERATION

PUP SURVIVAL (Individual data/Lactation period)

Dose: 1000 mg/kg/day

FEMALE#	PUP #																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
B29676	MP22	MW25	MW25	MW25	MW25	MC 4	MC 4	FP22	FW25	FW25													
B29677	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4								
B29678	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FZ 3	FP22	FW25	FW25	FW25					
B29679	MP22	MW23	MW23	MW23	FP22	FW23	FW23	FW23	FC 4	FC 4													
B29680	MP22	MW23	FZ 8	FW23	FP22	FW23	FW23	FW23	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4								
B29681	MP22	MW23	MW23	MW23	MC 4	MC 4	MC 4	MC 4	FP22	FW23	FW23	FW23	FC 4										
B29682	MP22	MW23	MW23	MW23	MC 4	MC 4	MC 4	MC 4	FP22	MC 4	FW23	FW23	FW23	FC 4									
B29683	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4	FC 4								
B29684	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4									
B29685	MP22	MW23	MW23	MW23	MC 4	MC 4	MC 4	MC 4	FP22	FW23	FW23	FW23	FC 4										
B29686	MP22	MW23	MW23	MW23	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW23	FW23	FW23	FC 4	FC 4								
B29687	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4	FC 4						
B29688	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4	FC 4	FC 4	FC 4						
B29689	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4	FC 4	FC 4	FC 4						
B29690	MP22	MW25	MW25	MW25	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4	FC 4	FC 4	FC 4								
B29691	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4								
B29692	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4								
B29693	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MD 1	FP22	FD 3	FW25	FW25	FC 4	FW25	FC 4	FC 4							
B29694	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4	FPZ 3									
B29695	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25	FC 4	FC 4	FC 4	FC 4								
B29696	MP22	MW25	MZ 2	MW25	MW25	MC 4	MC 4	MZ 2	MZ 2	FP22	FW25	FW25	FW25	FC 4	FZ 2								
B29697	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	FW25	FP22	FW25	FW25											
B29698	MP22	MW25	MW25	MW25	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW25	FW25	FW25									
B29699	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22												
B29700	MW22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	FW22	FW22	FW22	FW22	FC 4	FC 6								

SEX CODES: M-MALE F-FEMALE U-UNCERTAIN

PUP STATUS CODES: A-ALIVE D-DIED C-CULLED Z-CANNIBALIZED P-SELECTED PARENT W-SACRIFICED AFTER WEANING

26. F0 generation - individual clinical observations in pups

**F0 GENERATION
INDIVIDUAL CLINICAL OBSERVATIONS IN PUPS**

Dose-level: 0 mg/kg/day

Female No.	Clinical observations	Pup No.	Sex	Day of lactation
B29601	No significant clinical observation			
B29602	No significant clinical observation			
B29603	No significant clinical observation			
B29604	No significant clinical observation			
B29605	No significant clinical observation			
B29606	No significant clinical observation			
B29607	No significant clinical observation			
B29608	Cutaneous lesion on right hindlimb	1	M	From day 4 p.p.
B29609	No significant clinical observation			
B29610	No significant clinical observation			
B29611	No significant clinical observation			
B29612	No significant clinical observation			
B29613	No significant clinical observation			
B29614	Necrosis on right hindlimb	4	M	From day 7 to day 20 p.p.
B29615	Emaciated appearance	16	F	From day 14 p.p.
	Necrosis on right hindlimb	16	F	From day 14 p.p.
B29616	No significant clinical observation			
B29617	No significant clinical observation			
B29618	No significant clinical observation			
B29619	Necrosis on left forelimb	9	F	From day 11 p.p.
B29621	No significant clinical observation			
B29622	Cutaneous lesion on back	6	M	Day 4 p.p.
B29623	Necrosis on left hindlimb	13	F	From day 5 p.p.
B29625	Cutaneous lesion on left hindlimb	1	M	From day 4 to day 14 p.p.

p.p.: *post-partum*

F0 GENERATION
INDIVIDUAL CLINICAL OBSERVATIONS IN PUPS

Dose-level: 250 mg/kg/day

Female No.	Clinical observations	Pup No.	Sex	Day of lactation
B29626	Emaciated appearance and cold to the touch	1	M	From day 5 p.p.
	Emaciated appearance and cold to the touch	4	F	From day 5 p.p.
	Emaciated appearance and cold to the touch	7	F	From day 5 p.p.
	Emaciated appearance and cold to the touch	8	F	From day 5 p.p.
	Emaciated appearance and cold to the touch	9	F	From day 5 p.p.
	Emaciated appearance and cold to the touch	10	F	From day 5 p.p.
B29627	No significant clinical observation			
B29628	No significant clinical observation			
B29629	Emaciated appearance and cold to the touch	4	M	From day 4 to day 13 p.p.
	Emaciated appearance	16	F	From day 4 p.p.
	Short tail	11	F	From day 22 p.p.
B29632	Necrosis on right hindlimb	9	F	From day 17 to day 21 p.p.
B29633	Necrosis on right hindlimb	4	F	From day 14 p.p.
	Necrosis on right hindlimb	6	F	From day 14 p.p.
B29634	No significant clinical observation			
B29635	No significant clinical observation			
B29636	No significant clinical observation			
B29637	No significant clinical observation			
B29638	No significant clinical observation			
B29639	No significant clinical observation			
B29640	No significant clinical observation			
B29641	Necrosis on tail	10	F	From day 21 p.p.
B29642	No significant clinical observation			
B29643	No significant clinical observation			
B29644	Prematurely sacrificed	3	M	Day 3 p.p.
B29646	Necrosis on left hindlimb	13	F	From day 5 p.p.
	Cold to the touch	13	F	From day 7 p.p.
B29648	No significant clinical observation			
B29649	Necrosis on left hindlimb	3	M	From day 14 p.p.
B29650	Cold to the touch	2	M	From day 5 p.p.
	Necrosis on right hindlimb	9	F	From day 17 p.p.

p.p.: *post-partum*

F0 GENERATION
INDIVIDUAL CLINICAL OBSERVATIONS IN PUPS

Dose-level: 500 mg/kg/day

Female No.	Clinical observations	Pup No.	Sex	Day of lactation
B29651	No significant clinical observation			
B29652	No significant clinical observation			
B29653	Emaciated appearance	13	F	Day 1 p.p.
	Necrosis on right hindlimb	4	M	From day 7 p.p.
	Emaciated appearance	10	F	From day 8 to day 20 p.p.
B29654	Cutaneous lesion around stomach	11	F	From day 6 p.p.
B29655	No significant clinical observation			
B29657	No significant clinical observation			
B29658	No significant clinical observation			
B29659	No significant clinical observation			
B29660	No significant clinical observation			
B29661	Cold to the touch	10	F	From day 2 p.p.
	Cold to the touch	6	M	From day 2 p.p.
	Cold to the touch	14	F	From day 2 p.p.
	Cold to the touch	9	F	From day 2 p.p.
	Cold to the touch	12	F	From day 2 p.p.
	Cold to the touch	5	M	From day 2 p.p.
	Cold to the touch	7	M	From day 2 p.p.
	Emaciated appearance	7	M	From day 2 p.p.
B29662	No significant clinical observation			
B29663	Necrosis on left hindlimb	13	F	From day 14 p.p.
	Swollen left hindlimb	13	F	From day 14 p.p.
	Cutaneous lesion on right hindlimb and abdomen	10	F	From day 14 to day 20 p.p.
B29664	No significant clinical observation			
B29665	No significant clinical observation			
B29667	No significant clinical observation			
B29668	Cold to the touch	2	M	From day 2 p.p.
	Emaciated appearance	2	M	From day 2 p.p.
	Dehydrated	2	M	From day 2 p.p.
	Cold to the touch	9	F	From day 2 p.p.
	Dehydrated	9	F	From day 2 p.p.
	Emaciated appearance	9	F	From day 2 p.p.
	Emaciated appearance	11	F	From day 2 p.p.
	Dehydrated	11	F	From day 2 p.p.
	Cold to the touch	11	F	From day 2 p.p.
	Cold to the touch	12	F	From day 2 p.p.
	Dehydrated	12	F	From day 2 p.p.

p.p.: *post-partum*

**F0 GENERATION
INDIVIDUAL CLINICAL OBSERVATIONS IN PUPS**

Dose-level: 500 mg/kg/day (continued)

Female No.	Clinical observations	Pup No.	Sex	Day of lactation
B29668	Emaciated appearance	12	F	From day 2 p.p.
B29669	No significant clinical observation			
B29670	No significant clinical observation			
B29671	Necrosis on right hindlimb	6	F	From day 11 p.p.
B29672	No significant clinical observation			
B29674	Necrosis on right hindlimb	4	M	From day 11 to day 20 p.p.
B29675	Cold to the touch	2	M	From day 2 p.p.
	Cold to the touch	3	M	From day 2 p.p.
	Cold to the touch	11	F	From day 2 p.p.
	Cold to the touch	4	M	From day 3 p.p.
	Emaciated appearance	4	M	From day 3 p.p.
	Dehydrated	4	M	From day 3 p.p.
	Dehydrated	6	M	From day 3 p.p.
	Cold to the touch	6	M	From day 3 p.p.
	Cold to the touch	11	F	From day 3 p.p.
	Emaciated appearance	11	F	From day 3 p.p.
	Dehydrated	11	F	From day 3 p.p.
	Dehydrated	13	F	From day 3 p.p.
	Emaciated appearance	13	F	From day 3 p.p.
	Cold to the touch	13	F	From day 3 p.p.
	Emaciated appearance	6	M	From day 3 p.p.

F0 GENERATION
INDIVIDUAL CLINICAL OBSERVATIONS IN PUPS

Dose-level: 1000 mg/kg/day

Female No.	Clinical observations	Pup No.	Sex	Day of lactation
B29676	No significant clinical observation			
B29677	No significant clinical observation			
B29678	Emaciated appearance	13	F	From day 2 p.p.
B29679	No significant clinical observation			
B29680	Emaciated appearance	3	F	From day 7 p.p.
	Necrosis on left hindlimb	3	F	From day 7 p.p.
	Necrosis on right hindlimb	4	F	From day 7 p.p.
B29681	No significant clinical observation			
B29682	Necrosis on left hindlimb	3	M	From day 7 p.p. to day 21 p.p.
	Necrosis on right hindlimb	4	M	From day 7 p.p. to day 21 p.p.
B29683	No significant clinical observation			
B29684	No significant clinical observation			
B29685	No significant clinical observation			
B29686	Necrosis on left hindlimb	3	M	From day 14 p.p.
B29687	Emaciated appearance	5	M	From day 4 p.p.
	Emaciated appearance	7	M	From day 4 p.p.
	Emaciated appearance	13	F	From day 4 p.p.
B29688	No significant clinical observation			
B29689	No significant clinical observation			
B29690	No significant clinical observation			
B29691	Necrosis on left hindlimb	3	M	From day 11 p.p.
B29692	No significant clinical observation			
B29693	No significant clinical observation			
B29694	Emaciated appearance	14	F	From day 1 p.p.
	Necrosis on left hindlimb	3	M	From day 11 p.p.
B29695	No significant clinical observation			
B29696	No significant clinical observation			
B29697	Necrosis on left hindlimb	3	M	From day 11 p.p. to day 20 p.p.
	Necrosis on right hindlimb	9	F	From day 11 p.p.
	Necrosis on right hindlimb	4	M	From day 12 p.p.
B29698	Necrosis on left hindlimb	3	M	From day 7 p.p. to day 23 p.p.
B29699	No significant clinical observation			
B29700	No significant clinical observation			

27. F0 generation - litter/pup body weights (grams)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 0 mg/kg/day

LACTATION DAY 1

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29601	5.8	5.7	6.1	6.2	5.9	6.1	6.1	6.0	6.2	6.0	5.5	4.7	6.4	5.9	4.9	5.2				
B29602	7.4	7.7	7.9	7.2	8.0	8.0	8.0	7.0	7.8	6.9	7.1	7.1	7.2	7.2	7.5	7.0				
B29603	6.1	6.5	6.2	6.1	6.3	5.4	6.8	6.0	5.7	5.7	5.9	6.3	5.7	6.0	6.0	6.4	6.2	6.4	5.8	
B29604	6.9	6.4	7.1	7.8	7.4	8.0	6.8	6.8	6.7	7.2	6.0	6.6	6.7	7.1	6.0					
B29605	7.7	7.9	8.4	8.1	7.7	7.4	8.2	7.8	M	7.5	7.0	7.6	7.5	7.7	7.1					
B29606	5.9	5.8	6.4	6.1	6.1	5.7	6.0	5.5	5.8	5.3	5.5	6.7	5.6	6.1	6.5					
B29607	7.6	7.3	8.2	8.5	8.0	7.7	7.4	7.8	7.2	7.7	7.2	7.4	7.3							
B29608	7.4	8.0	8.0	7.7	7.9	7.1	7.0	7.3	7.0	6.8	7.4									
B29609	7.3	7.0	6.8	7.5	6.9	7.0	7.7	6.9	7.8	6.9	7.5	7.9	7.2							
B29610	7.7	7.6	7.9	7.9	8.6	7.6	8.3	6.9	7.4	7.4	7.3									
B29611	6.1	5.7	6.2	6.1	6.0	6.3	5.8	6.6	6.3	6.0	5.7	6.0	6.4	6.2	5.7	6.2	6.2			
B29612	6.7	7.6	7.2	7.6	7.1	6.1	6.6	6.3	6.4	6.2	6.6	6.8	7.2	5.7	6.3					
B29613	6.8	7.0	7.3	7.3	7.4	5.9	6.0	6.2	6.4	6.8	7.1	7.0	7.0	6.2	7.5					
B29614	6.2	5.9	6.2	6.5	6.6	6.6	6.4	6.7	5.9	6.0	5.9	6.4	6.2	6.1	6.2	6.3	5.3	6.1		
B29615	5.9	5.6	6.6	4.7	6.6	5.1	6.3	5.5	6.5	6.3	6.5	5.8	6.8	5.0	6.4	5.7	6.0	5.6	5.8	5.1
B29616	6.0	6.8	6.4	6.4	6.3	6.0	5.6	6.1	6.1	5.2	6.2	5.5	5.9	5.6	6.0					
B29617	6.3	7.0	6.2	6.5	6.0	6.7	6.1	6.3	6.1	6.7	6.9	5.7	5.5	7.3	5.8	6.3	6.2			
B29618	6.0	6.2	6.3	5.4	5.7	6.4	6.4	5.8	5.6	6.5	6.3	6.4	5.5	5.7	5.4	6.5				
B29619	6.1	6.1	5.9	6.4	6.3	6.0	6.3	6.2	6.1	6.4	5.6	6.7	5.4	5.6						
B29620	Fin sac/NotPg/No delivery																			
B29621	6.8	7.2	6.9	6.8	7.3	7.0	7.2	6.8	6.7	6.7	6.6	6.9	6.2	6.6	6.5					
B29622	6.6	7.2	7.4	6.7	7.1	6.9	6.4	6.4	5.6	7.6	7.0	6.5	6.4	6.4	6.2	5.8				
B29623	7.6	7.5	7.8	7.4	7.7	7.9	7.4	8.6	7.5	7.8	7.6	7.6	7.6	6.8	7.0					
B29624	Fin sac/NotPg/No delivery																			
B29625	5.7	6.0	5.9	5.9	5.9	6.4	5.7	5.8	5.4	4.8	5.4	5.9	5.4	5.4						
MEAN	6.6																			
S.D.	0.7																			
N	23																			

PUP STATUS CODES: M-MISSING

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 250 mg/kg/day

LACTATION DAY 1

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29626	6.6	7.9	7.1	7.0	6.5	6.3	6.5	6.1	6.7	6.6	6.6	6.3	6.2	7.0	5.9					
B29627	7.1	7.6	7.8	7.2	7.0	7.1	7.5	7.2	6.9	6.9	7.1	6.3	7.1	6.9	D					
B29628	6.2	6.7	6.2	6.4	6.1	6.4	6.5	6.5	6.5	5.2	6.0	6.5	5.9	6.2	6.1	6.4	5.8			
B29629	6.4	7.4	6.3	6.1	6.3	6.4	6.2	6.1	6.5	7.1	5.9	6.4	6.2	6.5	6.4	6.3	6.1			
B29630	Fin sac/NotPg/No delivery																			
B29631	Fin sac/NotPg/No delivery																			
B29632	6.7	6.8	7.3	7.0	6.9	6.8	7.4	6.5	6.7	5.9	6.7	6.0								
B29633	6.2	D	5.5	7.2	5.4	7.6	5.9	6.2	4.4	8.0	4.9	5.5	7.1	5.6	7.5					
B29634	6.6	7.1	6.6	6.8	6.7	6.8	6.5	6.8	6.2	6.9	6.4	5.5	6.5							
B29635	7.7	8.7	6.9	7.3	8.4	7.8	7.1	7.9	7.2	7.9	8.2									
B29636	6.0	6.2	6.3	6.7	6.4	6.0	6.4	6.2	5.7	6.2	6.0	5.7	5.9	6.0	6.0	4.8				
B29637	6.6	6.9	7.2	6.8	6.6	6.2	6.3	6.4	6.4	6.2	6.4	6.7	6.6							
B29638	6.2	5.9	6.8	6.5	5.9	6.8	6.7	6.1	6.7	5.5	6.0	5.8	5.9	5.5	6.3	6.0	6.2	6.1	6.0	
B29639	6.6	7.0	6.8	7.1	6.5	6.4	6.2	6.5	6.7	6.7	6.8	6.5	6.5	6.2	6.8					
B29640	7.4	7.7	7.5	7.4	7.9	7.5	8.2	7.1	7.6	7.7	6.4	7.1	7.0							
B29641	5.7	6.0	5.6	6.6	5.7	5.5	6.1	5.7	5.4	5.7	5.7	5.4	5.3	5.4	5.7					
B29642	6.4	6.8	6.8	6.1	6.6	6.7	6.1	7.0	6.3	5.9	5.8	6.9	6.4	6.5	5.8	6.5	5.7			
B29643	6.1	6.5	6.5	6.3	6.7	6.6	6.4	6.9	6.6	5.6	6.4	5.9	4.4	6.0	5.6	5.1	5.5	6.2		
B29644	6.6	7.3	6.7	7.0	6.8	6.2	7.6	5.1	6.1	6.5	6.9	6.8	6.9	6.0	6.5	6.6				
B29645	Fin sac/NotPg/No delivery																			
B29646	6.9	5.3	6.8	7.0	6.7	6.6	6.5	6.7	6.9	6.8	6.7	11.7	6.5	4.8	7.0					
B29647	Fin sac/NotPg/No delivery																			
B29648	6.7	6.9	7.0	6.8	6.7	6.6	6.5	6.8	7.1	6.6	6.6	5.6								
B29649	7.2	7.7	7.7	7.0	7.1	7.6	7.6	6.8	7.5	7.3	6.1	7.4	6.9	7.1						
B29650	5.3	5.9	5.3	5.6	5.4	5.3	5.5	5.6	5.4	5.1	4.9	5.3	5.2	5.4	5.1	4.9	4.7	5.1	5.4	

MEAN 6.5
S.D. 0.6
N 21

PUP STATUS CODES: D-DIED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 500 mg/kg/day

LACTATION DAY 1

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29651	6.7	7.4	6.5	6.7	7.1	6.7	7.2	7.0	6.8	6.7	5.7	6.7	6.4	6.7	6.5	6.5	6.6			
B29652	7.0	7.8	7.9	7.1	7.2	7.3	7.2	6.6	7.2	6.5	6.8	6.8	6.7	5.9	7.0					
B29653	6.0	6.8	5.7	5.7	6.4	6.2	6.4	6.7	6.3	5.7	6.3	6.2	6.1	3.4	5.8	6.2				
B29654	6.0	6.0	5.4	6.4	6.0	6.3	6.9	6.2	6.0	6.2	6.3	5.8	5.8	6.3	5.3	6.0	6.0	5.4		
B29655	7.4	7.3	7.8	7.9	7.3	7.9	7.3	7.1	7.0	6.9	7.7	7.5	7.5	7.3	6.7					
B29656	Fin sac/NotPg/No delivery																			
B29657	6.8	7.3	7.4	7.0	6.5	6.5	D	6.7	6.7	6.5										
B29658	6.0	6.3	6.3	6.0	6.3	5.6	5.8	6.3	5.6	5.8	6.0	6.1	6.3	5.3	6.2	5.7	6.1	D		
B29659	6.0	6.3	6.3	6.3	5.6	6.3	6.3	5.8	5.8	6.4	6.0	5.9	5.9	5.9	5.9	6.1	5.9			
B29660	6.9	7.4	6.9	7.3	7.1	7.3	7.1	7.1	6.9	6.6	6.7	6.1	6.4	6.8						
B29661	5.2	5.3	5.2	4.9	5.1	5.9	5.1	5.9	5.1	5.6	5.3	5.1	5.0	4.8	5.1	5.2	4.7	4.8	D	
B29662	6.4	7.6	7.0	7.2	7.0	6.1	6.4	6.4	6.5	4.0	5.7	7.0	5.5	6.6	6.5					
B29663	5.8	6.1	5.7	5.8	5.6	6.3	5.6	5.9	6.2	5.4	5.4	5.4	5.9	5.6	5.5	5.9				
B29664	6.4	8.0	6.6	7.0	6.9	5.4	6.1	7.4	6.9	6.7	6.8	5.5	6.0	5.9	5.9	4.5				
B29665	6.3	6.3	6.7	6.1	6.6	7.0	6.1	6.6	6.4	6.2	5.8	5.6	6.2	6.4	6.3	6.7	5.6	6.1		
B29666	Fin sac/NotPg/No delivery																			
B29667	5.9	6.1	6.3	5.5	6.2	6.7	6.3	5.2	6.6	5.6	5.3	5.9	6.1	6.3	5.3	6.0	5.9	5.1	D	5.8
		D																		
B29668	5.4	5.8	5.9	5.4	5.4	5.4	D	5.2	5.3	5.7	5.1	4.9	5.3	D	D	D				
B29669	6.5	7.1	6.7	7.1	6.3	6.7	6.6	5.9	6.6	6.2	6.4	5.7	6.5	6.9						
B29670	7.5	8.2	7.9	8.5	7.7	7.8	7.8	7.8	7.6	7.1	5.5	7.9	7.1	7.1	6.8	7.5	7.9			
B29671	6.0	5.3	5.8	6.3	6.3	6.5	5.8	6.1	5.8	6.1	5.9	6.5	6.2	5.8						
B29672	6.2	6.9	6.6	6.0	6.3	6.4	5.9	6.3	6.2	6.2	6.0	6.1	5.9							
B29673	Fin sac/NotPg/No delivery																			
B29674	6.0	6.9	6.6	6.3	6.9	5.1	5.8	6.1	6.3	6.1	6.1	5.6	5.6	5.8	5.5					
B29675	5.1	5.0	5.2	4.8	5.9	6.0	4.5	5.5	4.7	5.3	4.8	5.3	5.2	5.2	4.0					

MEAN 6.3
S.D. 0.6
N 22

PUP STATUS CODES: D-DIED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 1000 mg/kg/day

LACTATION DAY 1

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29676	7.6	8.0	7.4	7.8	8.3	6.6	7.4	8.0	7.5	7.6	7.1									
B29677	6.2	6.9	6.5	6.2	6.3	6.7	5.8	5.9	6.5	6.0	6.1	6.1	5.9	5.9	6.0	6.0				
B29678	6.7	7.1	6.5	6.3	7.7	6.4	6.9	6.4	6.0	7.5	7.6	6.4	6.8	6.0	6.4	6.0	6.9	7.6		
B29679	8.0	8.1	8.5	8.2	8.2	8.8	7.3	7.8	7.7	7.0	8.0									
B29680	7.0	8.3	7.8	7.0	7.3	6.9	6.8	7.3	6.3	7.4	6.5	6.8	6.9	6.9	6.4					
B29681	6.5	7.4	5.7	6.8	6.4	6.4	6.6	6.6	6.8	7.3	6.0	6.5	6.1	6.2						
B29682	7.2	7.0	7.5	7.2	8.2	7.7	7.5	7.2	4.9	7.9	7.6	7.7	7.0	6.2	7.8					
B29683	6.5	6.9	7.7	7.1	7.6	6.6	7.0	5.4	6.4	6.4	5.6	6.3	6.3	5.4	6.2					
B29684	7.6	7.9	7.7	7.5	7.9	8.5	7.9	8.0	7.5	7.4	7.2	6.9	7.2	6.7						
B29685	7.1	7.6	7.1	6.7	7.7	7.0	7.2	7.4	7.4	7.0	6.7	6.7	6.2							
B29686	6.4	6.4	6.2	6.4	6.3	6.7	6.7	6.3	6.8	6.5	6.4	6.1	6.1	6.2	6.0	6.4				
B29687	6.4	7.1	7.1	7.7	7.1	5.4	7.0	5.1	6.7	7.1	7.4	6.3	5.8	4.4	6.0	7.0	6.2	6.2		
B29688	6.5	6.2	6.2	6.8	6.1	5.9	6.8	6.1	7.3	6.6	6.7	6.6	6.8	6.9	6.6	6.5	6.7	6.0		
B29689	6.0	6.4	5.9	6.4	7.0	6.1	5.8	6.4	6.0	5.7	5.5	6.0	5.8	5.2	5.9	6.3	5.9			
B29690	7.0	7.5	7.5	7.0	6.9	7.0	7.5	7.2	7.3	7.0	6.8	6.5	6.6	6.3	6.9	6.7				
B29691	6.7	7.7	7.2	7.3	6.8	6.8	6.4	6.4	7.0	6.7	6.3	6.4	6.6	6.7	6.7	6.1				
B29692	5.9	6.2	6.0	6.0	5.9	5.2	6.1	6.3	6.5	5.8	5.9	5.3	5.7	6.0	5.8	5.7				
B29693	7.0	8.3	7.5	7.8	6.7	7.5	7.5	6.9	D	5.9	6.0	6.7	6.7	6.4	6.8	7.0	7.1			
B29694	6.9	7.4	7.7	6.7	7.6	7.4	6.9	7.5	6.9	7.1	7.0	7.0	7.0	6.8	3.6					
B29695	6.5	5.5	7.1	6.9	7.2	7.6	6.4	6.4	6.3	6.2	6.3	6.7	6.3	6.5	6.7	5.9				
B29696	5.0	5.8	5.6	4.6	5.3	5.6	5.6	5.3	3.3	4.6	4.9	5.4	4.9	4.7	5.1	4.9				
B29697	7.4	7.3	7.6	7.6	7.3	7.9	7.3	7.4	7.7	6.9	7.2	6.8	7.3							
B29698	7.3	8.3	7.7	8.0	7.3	7.2	7.5	7.9	7.3	7.2	6.8	6.7	7.0	6.7	7.3					
B29699	6.7	6.5	6.7	7.5	7.5	6.8	7.0	7.1	6.4	6.5	6.0	5.9								
B29700	6.6	7.2	6.5	6.1	6.6	6.8	6.6	6.6	6.9	6.6	6.1	6.6	6.3	6.9	6.1	6.4				
MEAN	6.8																			
S.D.	0.6																			
N	25																			

PUP STATUS CODES: D-DIED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 0 mg/kg/day

LACTATION DAY 4

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29601	7.3	8.1	8.2	7.4	7.1	8.2	7.2	7.6	6.5	7.3	7.5	5.5	8.9	7.3	6.0	6.0				
B29602	9.3	9.6	9.7	9.3	9.6	10.0	10.0	9.1	9.5	8.8	8.9	9.0	9.0	8.9	9.2	8.8				
B29603	6.3	7.1	6.4	6.9	7.0	4.7	7.2	6.7	6.2	5.8	6.1	6.6	5.6	6.5	6.6	6.2	6.6	6.3	5.7	
B29604	9.1	8.7	9.4	9.7	9.8	9.7	9.2	9.4	9.1	9.2	8.0	9.1	9.1	8.8	8.2					
B29605	10.9	10.8	11.8	11.3	10.5	11.0	11.3	11.6	M	10.4	10.0	11.0	10.1	11.1	10.2					
B29606	8.3	7.9	9.4	8.5	8.6	7.3	8.0	7.9	8.0	7.6	8.0	9.6	7.9	8.6	8.6					
B29607	10.6	10.3	10.6	11.2	10.9	10.3	10.3	10.9	10.3	10.7	10.3	10.6	10.5							
B29608	10.3	9.3	11.3	11.0	11.3	10.1	10.1	10.0	9.8	9.6	10.4									
B29609	9.5	9.0	9.0	9.0	9.7	9.3	9.5	9.0	10.8	9.4	9.7	10.0	10.1							
B29610	10.9	11.0	11.2	11.0	12.3	10.9	11.4	9.7	10.0	10.6	10.8									
B29611	6.3	5.9	6.2	7.7	6.9	6.7	5.1	6.9	5.6	5.7	5.8	6.5	6.9	6.6	6.3	6.2	6.6			
B29612	9.3	10.4	10.2	11.6	9.6	7.4	8.0	7.2	9.4	9.4	9.8	7.9	10.0	8.8	10.5					
B29613	9.2	9.7	9.4	9.9	10.1	8.1	8.3	8.5	9.3	9.2	8.7	9.2	9.5	9.0	9.6					
B29614	7.5	7.7	7.5	8.3	8.2	6.5	8.2	7.5	7.4	7.6	7.4	7.6	7.6	7.4	7.2	6.7	6.8	7.4		
B29615	6.9	D	8.0	D	7.9	7.8	D	D	7.0	7.2	7.3	D	7.2	D	7.2	6.1	5.4	6.7	5.3	D
B29616	9.0	10.0	9.8	9.7	9.7	8.9	9.0	9.3	9.3	7.5	8.9	8.4	8.8	8.9	8.4					
B29617	8.6	9.1	8.4	8.7	7.7	9.2	7.8	8.2	8.0	9.6	9.6	7.1	7.4	9.8	9.0	8.7	8.6			
B29618	8.3	7.8	8.2	7.2	10.6	8.8	7.8	8.3	7.9	9.4	9.0	8.3	7.2	8.1	7.5	9.1				
B29619	8.6	8.9	8.8	9.1	9.1	8.9	8.9	9.1	7.1	8.3	7.9	9.4	7.8	7.9						
B29620	Fin sac/NotPg/No delivery																			
B29621	9.4	9.6	9.5	8.8	9.7	9.8	10.0	10.1	9.3	9.3	9.2	9.3	8.7	9.5	9.5					
B29622	9.3	10.5	10.2	9.8	9.2	9.6	8.7	9.1	8.9	10.2	9.7	9.0	9.5	9.2	9.0	7.4				
B29623	10.7	10.8	11.3	10.9	11.0	10.4	9.3	12.1	10.9	11.0	10.3	11.0	10.9	9.3	10.4					
B29624	Fin sac/NotPg/No delivery																			
B29625	8.1	8.4	8.2	8.2	8.6	8.4	8.5	7.7	7.9	7.0	7.9	8.8	7.7	8.1						

MEAN 8.9
S.D. 1.4
N 23

PUP STATUS CODES: D-DIED M-MISSING

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 250 mg/kg/day

LACTATION DAY 4

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29626	5.7	6.4	5.3	6.5	5.1	D	6.2	D	6.3	5.4	6.2	5.2	5.1	5.3	4.9					
B29627	10.1	11.3	11.1	10.1	9.8	11.2	10.0	9.8	8.9	9.8	10.0	9.4	9.9	10.4	D					
B29628	7.6	8.4	8.0	8.6	7.8	7.9	7.2	7.2	7.6	6.3	7.3	7.7	7.7	8.1	7.3	7.1	7.4			
B29629	6.4	7.9	Z	Z	5.2	7.3	6.7	6.3	6.0	7.3	Z	6.9	6.3	6.0	6.7	D	4.4			
B29630	Fin sac/NotPg/No delivery																			
B29631	Fin sac/NotPg/No delivery																			
B29632	10.2	10.9	10.0	10.3	11.2	10.7	11.6	10.5	10.4	7.9	9.5	9.4								
B29633	7.8	D	D	8.3	5.7	8.9	6.7	D	D	9.8	D	6.8	8.6	6.3	9.0					
B29634	10.4	11.6	10.5	10.7	10.9	10.2	10.4	10.9	9.4	11.7	10.3	7.8	10.0							
B29635	11.3	11.7	10.6	10.9	12.2	11.0	10.2	11.7	10.8	11.8	11.8									
B29636	8.3	8.4	8.7	8.6	8.8	7.6	8.3	9.2	8.0	8.4	7.6	8.2	8.7	8.5	7.6	Z				
B29637	10.0	10.6	10.7	10.6	9.9	9.6	9.4	10.0	9.5	9.3	10.3	10.2	10.0							
B29638	8.1	7.8	8.9	8.3	7.0	9.1	9.4	8.0	8.7	7.0	8.7	8.0	7.7	6.9	8.9	8.0	8.0	7.0	7.6	
B29639	9.0	9.2	9.0	9.9	8.7	8.9	8.9	8.8	9.3	9.0	8.7	9.0	9.0	8.8	8.7					
B29640	10.6	10.6	11.2	10.3	10.9	10.1	11.5	10.9	10.7	10.8	9.2	10.5	10.2							
B29641	8.1	7.7	8.3	9.1	7.6	7.7	8.5	8.5	8.1	7.9	8.1	8.0	7.4	7.4	8.4					
B29642	7.0	7.4	7.4	6.9	7.3	7.4	6.8	7.4	7.0	6.4	5.9	7.8	7.2	7.3	6.7	6.8	6.1			
B29643	7.4	7.5	8.2	7.0	7.9	8.0	D	8.0	7.6	6.7	7.7	7.1	D	6.7	7.6	7.6	6.3	7.4		
B29644	9.6	10.8	10.1	D	9.9	9.4	11.2	6.5	8.9	8.8	9.4	10.3	9.8	9.7	9.6	9.5				
B29645	Fin sac/NotPg/No delivery																			
B29646	9.2	7.8	9.6	9.3	9.1	10.0	9.9	10.2	9.2	9.7	9.4	9.3	9.2	5.9	10.1					
B29647	Fin sac/NotPg/No delivery																			
B29648	10.0	10.8	10.8	10.6	9.8	9.4	10.0	10.1	9.7	10.5	9.8	8.0								
B29649	10.1	10.7	10.6	9.7	10.2	10.0	10.7	9.5	10.8	10.3	8.6	10.3	9.7	10.1						
B29650	6.7	7.9	7.0	7.5	Z	7.5	5.3	6.0	6.2	6.4	6.6	Z	7.3	Z	7.0	Z	Z	6.5	6.3	
MEAN	8.7																			
S.D.	1.6																			
N	21																			

PUP STATUS CODES: D-DIED Z-CANNIBALIZED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 500 mg/kg/day

LACTATION DAY 4

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29651	8.7	9.5	8.3	8.9	8.7	8.6	9.5	9.6	8.4	8.7	7.3	8.8	8.8	8.5	8.4	8.7	8.6			
B29652	9.0	10.4	10.3	8.9	9.1	9.2	9.0	8.5	9.8	8.9	8.8	8.8	8.5	7.5	8.8					
B29653	8.3	9.5	7.9	7.2	8.5	8.1	9.2	9.4	8.8	8.0	8.6	8.5	8.1	Z	6.7	7.3				
B29654	6.6	6.2	5.6	7.7	6.8	7.4	7.7	6.1	6.9	7.4	6.4	6.5	7.0	7.4	5.1	6.1	6.3	5.6		
B29655	10.1	10.7	10.6	10.5	10.2	10.0	10.2	9.8	9.2	9.8	10.3	9.9	9.9	10.0	9.9					
B29656	Fin sac/NotPg/No delivery																			
B29657	9.8	10.1	11.0	9.5	9.7	9.6	D	9.3	9.9	8.9										
B29658	7.6	8.9	8.1	7.4	7.7	7.7	8.3	8.4	6.8	7.2	7.1	7.0	7.5	7.3	7.7	6.8	7.9	D		
B29659	7.2	7.5	7.9	7.7	6.4	7.6	7.4	6.7	6.7	7.9	6.9	6.8	6.8	6.6	6.8	7.1	7.7			
B29660	9.8	10.2	10.0	10.3	9.7	9.4	9.5	10.3	10.2	10.0	9.3	9.3	9.4	10.1						
B29661	Prem sac/Pg/Lactation																			
B29662	9.0	9.8	9.7	10.1	10.1	8.5	9.4	9.1	9.4	5.8	8.5	9.7	7.5	8.7	9.1					
B29663	6.5	7.2	6.6	6.2	6.6	6.9	6.8	6.1	7.2	D	5.8	6.8	7.0	6.2	6.2	6.1				
B29664	9.0	10.3	8.6	10.1	10.2	8.0	D	11.1	10.6	10.2	9.4	7.9	9.0	7.8	8.4	3.9				
B29665	7.9	8.3	8.3	7.9	8.8	8.5	7.2	7.7	7.5	7.6	8.0	6.6	7.5	7.9	7.7	8.0	7.8	9.8		
B29666	Fin sac/NotPg/No delivery																			
B29667	6.9	7.3	6.9	6.3	7.3	7.6	7.6	6.0	7.7	Z	6.7	7.0	8.2	7.0	D	7.5	6.8	4.4	D	6.5
	D																			
B29668	Prem sac/Pg/Lactation																			
B29669	7.9	9.4	7.5	9.1	7.5	8.3	8.3	7.5	8.4	7.5	7.1	6.4	7.6	8.7						
B29670	11.1	12.3	11.8	12.2	11.4	11.3	10.2	10.9	11.4	10.4	10.3	D	11.2	10.6	10.4	10.9	10.6			
B29671	7.3	6.2	7.3	8.1	7.7	8.0	6.9	6.7	6.8	7.5	7.1	7.8	7.4	7.5						
B29672	8.7	10.2	9.3	8.4	8.9	9.1	8.3	8.6	9.5	8.7	6.5	8.5	8.6							
B29673	Fin sac/NotPg/No delivery																			
B29674	8.1	9.2	8.7	7.9	8.8	6.8	8.0	7.4	8.0	7.9	8.2	7.9	7.7	8.4	7.8					
B29675	Prem sac/Pg/Lactation																			
MEAN	8.4																			
S.D.	1.2																			
N	19																			

PUP STATUS CODES: D-DIED Z-CANNIBALIZED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 1000 mg/kg/day

LACTATION DAY 4

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29676	11.4	12.1	11.4	11.5	12.5	9.3	11.0	11.6	11.7	12.1	10.7									
B29677	8.1	9.1	8.2	8.4	8.2	8.9	7.5	7.5	8.4	7.6	7.4	7.8	8.0	7.9	8.0	8.2				
B29678	8.7	9.6	9.1	8.2	9.9	8.7	8.6	8.0	5.6	10.3	9.8	7.6	8.9	Z	7.9	7.1	9.1	10.3		
B29679	11.3	11.7	12.0	11.5	11.8	12.1	10.2	11.1	11.2	10.2	11.1									
B29680	8.7	9.1	9.2	8.1	8.4	8.1	8.7	9.3	8.2	9.1	8.9	8.8	8.9	9.0	8.3					
B29681	8.9	9.5	8.7	9.2	8.8	8.6	8.8	8.6	9.5	9.5	8.7	8.8	8.3	9.1						
B29682	10.4	10.8	10.7	10.4	11.5	11.2	10.9	9.9	6.8	11.4	10.4	11.2	10.6	8.7	11.2					
B29683	8.4	8.5	9.9	9.6	9.3	8.2	9.4	6.3	8.4	8.7	7.8	8.0	8.7	6.9	8.2					
B29684	10.9	11.6	10.8	10.9	11.2	11.8	10.9	11.9	10.6	11.1	10.9	10.4	10.8	9.4						
B29685	10.0	10.4	10.1	9.6	10.5	10.0	10.2	10.6	10.4	10.0	9.8	9.6	9.0							
B29686	8.0	7.8	7.5	7.8	8.2	8.4	8.8	8.2	8.7	8.4	8.4	7.7	7.8	7.5	7.1	7.7				
B29687	7.8	9.7	8.8	8.4	8.8	4.8	8.5	3.4	8.6	9.4	9.6	8.1	7.0	5.4	6.3	9.3	7.8	8.4		
B29688	8.5	7.3	7.9	9.1	7.6	7.5	8.0	8.1	9.9	7.7	8.4	9.1	9.1	9.6	9.0	9.2	9.4	7.5		
B29689	8.1	9.1	8.1	9.2	9.5	8.3	7.6	8.0	8.0	7.9	7.2	8.3	7.4	6.5	7.9	9.2	7.9			
B29690	9.6	9.8	10.7	8.8	9.6	9.7	10.6	10.5	8.9	9.9	9.7	9.7	9.1	8.5	9.8	8.7				
B29691	9.0	10.4	10.1	9.2	9.0	9.1	8.9	9.4	9.2	8.5	8.1	8.6	9.4	8.6	9.4	7.4				
B29692	7.8	7.8	7.7	7.0	7.9	6.4	7.3	8.2	8.4	8.4	8.5	7.2	7.7	8.7	7.1	8.3				
B29693	7.6	9.1	8.0	8.7	6.6	8.2	7.8	7.7	D	6.5	D	7.4	7.4	5.6	7.3	8.0	8.3			
B29694	10.0	9.6	10.5	9.1	10.9	10.9	9.8	10.5	10.0	10.0	9.9	9.8	9.8	9.4	Z					
B29695	8.9	7.7	9.1	10.1	9.1	10.9	9.1	8.5	8.8	7.9	8.7	9.4	8.3	9.4	8.4	7.4				
B29696	7.3	7.8	7.6	Z	7.4	8.1	7.9	7.2	Z	Z	6.4	7.8	6.8	6.5	6.6	Z				
B29697	10.1	9.7	10.8	10.2	9.8	11.2	9.7	9.8	11.3	9.0	9.8	10.1	10.0							
B29698	10.4	11.1	10.8	10.5	10.2	10.5	10.3	10.4	10.2	10.8	9.8	10.1	10.5	10.4	10.4					
B29699	9.0	8.3	9.0	10.3	10.2	8.5	9.3	9.1	9.0	9.2	8.5	7.5								
B29700	9.4	10.4	7.8	8.5	9.1	10.3	9.2	9.2	10.5	9.7	8.6	9.8	9.3	9.4	8.7	10.2				

MEAN 9.1
S.D. 1.2
N 25

PUP STATUS CODES: D-DIED Z-CANNIBALIZED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 0 mg/kg/day

LACTATION DAY 7

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29601	12.2	13.7	14.1	11.9	12.1	C	C	C	C	C	12.3	6.6	14.9	12.0	C	C				
B29602	15.3	15.5	15.9	15.3	16.0	C	C	C	16.2	13.9	14.6	14.8	C	C	C	C				
B29603	8.6	Z	8.7	10.2	9.6	C	C	C	8.5	7.2	7.4	Z	C	C	C	C	C	C	C	
B29604	14.5	14.1	15.6	14.9	14.8	C	C	14.5	13.4	15.1	13.4	C	C	C	C	C				
B29605	17.4	17.5	18.2	17.6	17.1	C	C	C	M	17.0	17.2	17.7	17.2	C	C	C				
B29606	13.2	12.6	14.3	13.6	13.2	C	C	C	12.7	11.8	12.3	14.8	C	C	C					
B29607	16.6	15.5	15.9	17.4	17.0	C	C	C	C	17.0	16.7	15.8	17.1							
B29608	16.3	13.2	17.8	17.8	17.5	16.8	16.6	15.6	15.4	C	C									
B29609	14.6	14.0	14.0	15.7	14.0	14.5	14.7	14.4	C	C	C	C	15.5							
B29610	16.7	16.8	17.4	16.9	18.4	C	C	15.3	15.6	16.3	16.8									
B29611	9.3	D	D	D	10.3	C	C	C	C	C	8.0	9.7	D	D	C	C	C			
B29612	15.4	16.4	17.0	18.0	17.6	13.3	13.5	11.2	15.8	C	C	C	C	C	C					
B29613	16.0	16.5	16.3	16.4	17.4	C	14.4	14.9	15.7	16.1	C	C	C	C	C					
B29614	13.5	13.3	14.3	14.8	13.3	C	C	C	C	C	C	C	13.1	13.4	12.9	12.8	C	C		
B29615	10.3	D	11.3	D	11.6	12.2	D	D	10.3	C	C	D	11.1	D	12.0	7.4	6.6	C	C	D
B29616	15.6	17.0	16.2	16.5	17.0	C	15.3	15.4	15.1	12.0	C	C	C	C	C					
B29617	15.1	13.5	15.4	15.9	13.5	C	C	C	C	16.7	16.4	15.7	13.7	C	C	C	C			
B29618	14.8	13.8	16.0	13.1	13.4	C	C	14.6	13.9	16.9	16.8	C	C	C	C	C				
B29619	15.5	15.1	15.3	15.5	15.0	C	16.4	16.1	Z	15.0	C	C	C	C						
B29620	Fin sac/NotPg/No delivery																			
B29621	14.7	15.2	15.0	14.5	15.8	C	C	C	C	C	14.5	14.4	13.6	14.9	C					
B29622	15.9	16.9	14.3	16.4	15.3	C	C	C	C	C	16.1	15.9	16.2	15.9	C	C				
B29623	15.4	13.4	16.3	16.2	15.8	C	C	C	C	C	C	16.4	16.3	13.7	14.8					
B29624	Fin sac/NotPg/No delivery																			
B29625	13.1	13.4	13.6	14.2	13.2	C	C	12.8	13.0	11.4	13.0	C	C	C						

MEAN 14.3
S.D. 2.3
N 23

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 250 mg/kg/day

LACTATION DAY 7

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29626	4.6	D	D	Z	Z	D	Z	D	4.6	D	D	C	C	C	C					
B29627	17.1	19.5	18.5	16.2	17.1	C	C	C	C	16.6	16.5	15.4	16.7	C	D					
B29628	13.5	15.5	13.6	15.7	13.8	C	C	12.7	13.4	10.2	12.8	C	C	C	C	C	C			
B29629	10.6	12.8	Z	Z	6.5	12.2	11.2	C	C	C	Z	10.8	10.0	10.6	10.8	D	C			
B29630	Fin sac/NotPg/No delivery																			
B29631	Fin sac/NotPg/No delivery																			
B29632	16.1	17.2	16.6	16.6	17.3	C	C	17.3	17.0	11.9	15.0	C								
B29633	12.7	D	D	D	10.1	14.9	11.5	D	D	15.9	D	11.6	14.0	11.2	C					
B29634	17.6	18.7	17.3	17.3	17.9	C	C	18.0	16.8	17.5	17.3	C	C							
B29635	18.1	18.8	17.1	17.3	19.5	C	16.4	19.4	17.3	19.0	C									
B29636	13.8	14.2	15.4	14.3	14.8	C	C	C	12.8	13.2	12.2	13.5	C	C	C	Z				
B29637	17.0	17.7	17.7	17.8	16.8	16.4	16.4	16.8	16.4	C	C	C	C							
B29638	14.1	13.7	15.5	15.6	12.1	C	C	C	C	12.6	14.3	14.3	14.3	C	C	C	C	C	C	C
B29639	15.4	15.8	15.7	16.5	14.2	C	C	C	C	15.3	14.9	15.1	15.6	C	C					
B29640	17.9	18.9	19.5	17.5	18.3	C	C	17.1	17.5	18.7	16.0	C	C							
B29641	13.6	14.6	13.5	15.5	12.8	C	C	C	C	C	13.7	13.2	12.7	12.5	C					
B29642	12.4	12.9	13.3	12.3	12.7	C	C	C	12.2	11.5	10.5	13.7	C	C	C	C	C			
B29643	12.0	12.1	12.8	11.8	12.5	C	D	C	C	C	12.2	11.9	D	10.8	12.1	C	C	C		
B29644	16.1	17.4	17.7	D	D	16.0	C	C	15.1	14.5	15.4	16.6	C	C	C	C				
B29645	Fin sac/NotPg/No delivery																			
B29646	14.5	12.3	16.1	15.9	15.6	C	C	C	C	C	C	15.9	15.6	7.2	17.1					
B29647	Fin sac/NotPg/No delivery																			
B29648	16.4	17.6	17.1	16.6	16.1	C	15.7	15.4	15.2	17.1	C	C								
B29649	16.6	17.5	17.6	16.0	16.9	C	C	C	C	C	14.7	17.4	15.8	16.7						
B29650	11.2	13.0	Z	11.7	Z	11.5	C	D	D	9.6	10.2	Z	C	Z	C	Z	Z	C	C	

MEAN 14.3
S.D. 3.2
N 21

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 500 mg/kg/day

LACTATION DAY 7

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29651	14.1	14.7	14.5	14.5	14.4	C	C	C	C	14.4	12.3	13.0	15.1	C	C	C	C			
B29652	14.5	16.1	16.1	14.4	14.9	C	C	C	C	13.0	13.8	14.1	13.8	C	C					
B29653	14.0	15.5	13.8	11.5	15.1	C	C	C	C	13.9	14.9	14.9	12.6	Z	C	C				
B29654	11.1	10.9	10.3	13.4	D	C	C	C	12.2	13.0	6.5	11.3	C	C	C	C	C	C		
B29655	17.4	18.2	17.9	17.8	17.6	C	C	17.1	16.0	16.7	17.5	C	C	C	C					
B29656	Fin sac/NotPg/No delivery																			
B29657	15.5	16.6	17.4	14.9	16.4	15.5	D	14.0	15.1	13.8										
B29658	13.8	15.9	13.1	13.2	13.2	13.3	13.5	15.4	12.4	C	C	C	C	C	C	C	C	C	D	
B29659	12.8	13.2	14.3	14.1	10.8	C	C	C	C	C	C	C	12.4	12.2	12.9	Z	C			
B29660	17.0	17.9	16.5	17.5	16.6	C	C	C	17.1	17.0	16.7	16.8	C	C						
B29661	Prem sac/Pg/Lactation																			
B29662	15.6	16.3	16.6	16.1	17.0	13.5	15.3	14.9	15.1	C	C	C	C	C	C					
B29663	10.0	11.3	10.7	9.8	10.2	C	C	C	C	D	8.2	10.6	10.3	9.0	C	C				
B29664	14.3	16.6	13.4	16.8	17.3	C	D	C	C	C	C	12.0	14.3	11.0	12.8	C				
B29665	13.7	14.2	14.7	12.6	15.5	C	C	C	C	C	14.2	11.0	13.2	13.9	C	C	C	C		
B29666	Fin sac/NotPg/No delivery																			
B29667	11.7	12.3	Z	10.5	11.9	C	C	C	C	Z	11.3	11.0	13.0	Z	D	C	C	C	D	Z
B29668	Prem sac/Pg/Lactation																			
B29669	13.6	16.6	13.9	D	10.4	C	C	13.1	15.1	13.4	12.7	C	C	C						
B29670	19.7	20.7	21.1	20.8	19.7	C	C	C	C	C	18.4	D	19.3	19.4	18.4	C	C			
B29671	10.9	8.2	11.0	12.9	11.9	C	10.2	10.6	11.1	11.2	C	C	C	C						
B29672	15.7	17.8	16.5	14.5	14.8	C	14.9	14.8	16.4	15.7	C	C	C							
B29673	Fin sac/NotPg/No delivery																			
B29674	14.2	16.0	15.6	14.3	15.5	11.4	13.0	13.3	14.4	C	C	C	C	C	C					
B29675	Prem sac/Pg/Lactation																			
MEAN	14.2																			
S.D.	2.4																			
N	19																			

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 1000 mg/kg/day

LACTATION DAY 7

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29676	18.2	20.2	18.0	17.6	19.5	14.6	C	C	19.1	19.0	17.5									
B29677	14.0	15.1	14.0	13.9	14.8	C	C	C	C	C	13.1	13.2	13.7	13.9	C	C				
B29678	15.9	17.1	15.5	14.2	18.1	C	C	C	C	C	C	C	C	Z	16.1	12.6	16.1	17.7		
B29679	19.3	20.5	20.2	19.3	19.8	20.2	17.0	18.7	18.4	C	C									
B29680	14.5	16.5	16.8	7.9	15.1	14.5	15.2	16.0	14.3	C	C	C	C	C	C					
B29681	16.0	17.1	15.6	16.7	16.2	C	C	C	C	17.3	15.3	15.9	14.0	C						
B29682	16.7	16.9	17.3	15.7	18.0	C	C	C	C	18.1	C	17.0	17.0	13.6	C					
B29683	14.6	14.1	16.6	15.3	15.5	C	C	C	14.4	14.4	13.2	13.4	C	C	C					
B29684	18.1	18.9	17.9	18.2	18.2	C	C	C	18.1	17.1	18.5	17.5	C	C						
B29685	17.2	17.7	17.7	16.7	17.8	C	C	C	17.3	17.2	16.3	16.9	C							
B29686	14.2	13.8	13.7	14.3	14.8	C	C	C	C	C	14.7	14.2	14.4	13.4	C	C				
B29687	13.9	17.1	16.3	15.5	15.8	C	C	C	C	C	14.8	11.4	9.2	10.7	C	C	C	C		
B29688	15.0	13.3	14.3	16.6	13.4	C	C	C	C	13.9	15.4	16.6	16.8	C	C	C	C	C	C	
B29689	14.9	16.2	14.3	17.2	16.7	C	C	C	13.8	13.2	12.9	14.8	C	C	C	C	C	C		
B29690	16.6	16.7	17.4	15.4	16.7	C	C	17.1	15.3	17.3	16.9	C	C	C	C	C	C			
B29691	15.7	18.4	17.6	16.4	14.5	C	C	C	C	C	13.9	13.8	15.8	15.5	C	C				
B29692	14.3	14.7	15.1	12.7	13.5	C	C	C	C	15.1	15.9	12.8	14.6	C	C	C				
B29693	11.9	14.5	12.1	14.5	9.7	C	C	C	D	10.5	D	11.4	12.0	C	10.8	C	C			
B29694	16.2	15.4	16.8	15.4	18.0	C	C	C	16.3	15.6	17.2	14.8	C	C	Z					
B29695	14.8	12.3	15.3	16.8	15.0	C	C	C	14.9	14.2	14.7	14.8	C	C	C	C				
B29696	11.2	12.2	12.0	Z	11.0	12.7	C	C	Z	Z	9.7	12.2	10.5	9.6	C	Z				
B29697	16.2	15.9	17.3	16.2	16.6	C	C	C	C	15.3	16.1	15.8	16.7							
B29698	16.6	18.0	17.2	16.5	16.4	C	C	C	C	C	C	15.9	17.4	15.7	15.9					
B29699	15.4	14.1	15.3	17.3	17.4	C	C	C	15.8	15.8	14.6	13.2								
B29700	15.4	17.8	13.1	14.3	15.0	C	C	C	C	C	14.3	16.7	15.5	16.3	C	C				

MEAN 15.5
S.D. 1.8
N 25

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 0 mg/kg/day

LACTATION DAY 14

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29601	30.2	31.4	30.6	29.0	28.5	C	C	C	C	C	30.5	Z	32.9	28.4	C	C				
B29602	32.5	32.8	32.8	32.8	33.7	C	C	C	34.3	32.0	30.2	31.3	C	C	C	C				
B29603	23.2	Z	23.4	28.6	26.3	C	C	C	23.5	18.2	18.9	Z	C	C	C	C	C	C	C	
B29604	29.0	28.9	29.2	30.1	27.6	C	C	29.2	28.4	30.8	27.7	C	C	C	C	C				
B29605	33.0	33.1	33.4	34.2	32.7	C	C	C	M	32.4	33.1	33.1	31.9	C	C					
B29606	26.7	26.4	27.7	27.6	27.3	C	C	C	25.5	24.8	25.4	28.6	C	C	C					
B29607	33.7	33.8	34.1	34.9	33.9	C	C	C	C	34.2	33.6	32.7	32.4							
B29608	33.1	23.9	35.0	37.5	34.7	34.9	34.9	32.4	31.8	C	C									
B29609	29.6	29.0	30.1	30.1	29.2	29.5	28.0	29.4	C	C	C	C	31.4							
B29610	31.4	31.1	32.0	31.5	33.8	C	C	29.1	29.8	31.2	32.3									
B29611	23.4	D	D	D	24.4	C	C	C	C	C	21.3	24.4	D	D	C	C	C			
B29612	32.7	35.0	33.4	36.7	34.7	29.3	31.9	28.4	32.5	C	C	C	C	C	C					
B29613	31.3	31.3	33.4	31.8	30.5	C	28.1	30.6	31.5	32.9	C	C	C	C	C					
B29614	31.1	31.7	32.7	31.8	30.9	C	C	C	C	C	C	C	31.0	29.9	31.4	29.2	C	C		
B29615	27.1	D	30.1	D	27.5	31.6	D	D	28.7	C	C	D	28.9	D	28.3	D	14.3	C	C	D
B29616	31.9	33.4	33.4	33.2	33.5	C	31.0	32.0	31.2	27.4	C	C	C	C	C					
B29617	35.2	36.6	36.1	37.5	32.8	C	C	C	C	35.8	36.6	33.5	32.5	C	C	C	C			
B29618	33.6	31.5	35.7	32.5	29.3	C	C	33.9	32.0	37.0	37.2	C	C	C	C	C				
B29619	34.5	34.2	35.7	33.8	34.4	C	35.8	34.6	Z	33.0	C	C	C	C						
B29620	Fin sac/NotPg/No delivery																			
B29621	29.3	31.4	29.6	27.3	31.5	C	C	C	C	C	28.4	29.5	27.7	29.4	C					
B29622	32.7	34.7	30.5	34.0	31.7	C	C	C	C	C	33.6	32.8	33.3	31.3	C	C				
B29623	30.7	29.2	32.2	31.9	32.0	C	C	C	C	C	C	31.5	30.1	28.3	30.7					
B29624	Fin sac/NotPg/No delivery																			
B29625	27.2	27.8	27.0	28.9	26.6	C	C	26.4	27.1	26.0	28.0	C	C	C						

MEAN 30.6
S.D. 3.3
N 23

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 250 mg/kg/day

LACTATION DAY 14

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29626	Prem sac/Pg/Lactation																			
B29627	36.5	39.6	38.9	35.4	36.4	C	C	C	C	36.9	35.8	35.4	33.9	C	D					
B29628	28.8	30.5	29.9	31.1	29.6	C	C	28.8	29.1	23.3	28.1	C	C	C	C	C				
B29629	28.0	33.1	Z	Z	21.1	31.8	31.3	C	C	C	Z	26.4	27.2	24.4	29.1	D	C			
B29630	Fin sac/NotPg/No delivery																			
B29631	Fin sac/NotPg/No delivery																			
B29632	31.5	31.9	31.7	31.7	33.6	C	C	34.2	32.4	25.9	30.7	C								
B29633	28.7	D	D	D	23.1	34.4	26.4	D	D	36.4	D	20.2	32.6	27.8	C					
B29634	34.2	35.5	33.7	34.2	33.9	C	C	33.7	33.7	34.8	34.1	C	C							
B29635	33.5	34.0	32.5	31.7	33.9	C	30.6	36.5	33.1	35.7	C									
B29636	31.1	31.9	32.6	32.2	32.1	C	C	C	30.6	30.3	29.2	30.0	C	C	C	Z				
B29637	33.3	34.0	35.3	34.6	33.7	34.1	30.7	32.7	30.9	C	C	C	C							
B29638	28.8	27.7	30.5	30.4	27.3	C	C	C	C	26.8	28.4	29.6	29.5	C	C	C	C	C	C	C
B29639	34.0	32.7	34.1	36.0	32.8	C	C	C	C	34.1	34.0	34.2	34.4	C	C					
B29640	36.9	39.1	40.4	37.0	36.7	C	C	33.9	38.9	35.4	33.5	C	C							
B29641	31.6	32.2	31.0	34.6	29.5	C	C	C	C	C	32.2	32.5	30.6	30.4	C					
B29642	30.3	32.2	31.7	29.9	31.2	C	C	C	29.4	28.3	27.6	31.9	C	C	C	C				
B29643	28.4	28.0	29.4	27.2	29.5	C	D	C	C	C	28.9	29.1	D	26.8	28.6	C	C	C		
B29644	36.4	36.0	38.0	D	D	38.8	C	C	34.8	33.6	36.7	37.1	C	C	C	C				
B29645	Fin sac/NotPg/No delivery																			
B29646	32.4	27.8	34.2	31.8	32.4	C	C	C	C	C	C	33.6	32.3	Z	34.5					
B29647	Fin sac/NotPg/No delivery																			
B29648	34.0	35.6	35.0	34.0	31.7	C	33.8	33.3	34.1	34.7	C	C								
B29649	33.3	35.4	34.5	31.7	33.2	C	C	C	C	C	30.5	34.6	33.6	33.2						
B29650	27.8	31.0	Z	29.0	Z	28.4	C	D	D	23.0	27.5	Z	C	Z	C	Z	Z	Z	C	C
MEAN	32.0																			
S.D.	2.9																			
N	20																			

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 500 mg/kg/day

LACTATION DAY 14

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29651	29.5	30.7	30.3	30.0	30.4	C	C	C	C	29.0	28.1	27.0	30.3	C	C	C	C			
B29652	29.3	30.5	32.4	30.7	28.1	C	C	C	C	28.3	27.1	28.6	28.9	C	C					
B29653	30.2	32.2	29.5	26.8	31.4	C	C	C	C	29.7	31.8	31.8	28.5	Z	C	C				
B29654	32.5	30.7	29.2	36.3	D	C	C	C	32.5	35.1	Z	31.0	C	C	C	C	C	C		
B29655	35.5	36.1	36.7	35.5	36.0	C	C	35.9	32.4	34.7	36.8	C	C	C	C					
B29656	Fin sac/NotPg/No delivery																			
B29657	31.4	32.6	34.4	31.2	32.9	31.7	D	27.9	31.6	28.7										
B29658	32.3	36.3	30.6	30.5	30.2	32.6	33.7	34.4	29.7	C	C	C	C	C	C	C	C	C	D	
B29659	32.7	32.7	35.0	33.8	30.7	C	C	C	C	C	C	C	30.9	32.7	33.2	Z	C			
B29660	37.1	38.7	37.1	38.7	36.0	C	C	C	35.6	37.4	37.5	35.8	C	C						
B29661	Prem sac/Pg/Lactation																			
B29662	32.4	33.9	33.6	31.9	33.7	30.2	32.2	32.0	31.9	C	C	C	C	C	C					
B29663	26.1	30.0	28.9	25.2	27.2	C	C	C	C	D	21.0	28.7	24.6	23.1	C	C				
B29664	33.9	38.8	31.8	37.5	39.4	C	D	C	C	C	C	29.0	34.1	28.8	31.6	C				
B29665	31.9	33.3	34.3	29.2	34.9	C	C	C	C	C	33.6	26.8	32.2	30.8	C	C	C	C		
B29666	Fin sac/NotPg/No delivery																			
B29667	27.6	28.6	Z	26.1	27.4	C	C	C	C	Z	28.4	25.6	29.7	Z	D	C	C	C	D	Z
B29668	Prem sac/Pg/Lactation																			
B29669	29.6	34.1	29.2	D	23.4	C	C	29.3	32.5	30.0	28.9	C	C	C						
B29670	38.9	41.0	40.7	41.3	37.7	C	C	C	C	C	36.4	D	38.2	38.7	37.4	C	C			
B29671	23.7	17.7	23.9	26.6	25.9	C	23.0	25.0	23.8	23.7	C	C	C	C						
B29672	31.1	34.0	32.0	29.9	30.6	C	30.0	29.1	31.9	31.2	C	C	C							
B29673	Fin sac/NotPg/No delivery																			
B29674	30.9	33.8	32.3	28.7	34.3	28.3	29.8	28.6	31.4	C	C	C	C	C	C					
B29675	Prem sac/Pg/Lactation																			
MEAN	31.4																			
S.D.	3.6																			
N	19																			

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 1000 mg/kg/day

LACTATION DAY 14

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29676	35.8	38.5	34.3	35.6	36.6	29.8	C	C	37.5	37.4	37.0									
B29677	31.3	32.6	30.9	31.1	33.3	C	C	C	C	C	29.1	30.6	31.2	31.3	C	C				
B29678	33.2	34.4	32.9	31.9	35.5	C	C	C	C	C	C	C	C	Z	30.0	29.4	35.0	36.5		
B29679	36.5	38.8	37.9	35.2	37.4	37.3	33.1	36.5	35.9	C	C									
B29680	32.6	33.4	34.5	Z	32.0	32.2	32.7	33.1	30.5	C	C	C	C	C	C					
B29681	31.4	33.3	30.9	31.7	30.7	C	C	C	C	34.2	30.9	31.5	28.4	C						
B29682	35.7	35.8	37.2	34.6	36.1	C	C	C	C	36.9	C	37.1	37.2	31.0	C					
B29683	31.2	31.8	33.3	31.0	32.3	C	C	C	31.4	31.0	28.7	30.4	C	C	C					
B29684	35.8	36.5	35.1	36.0	37.3	C	C	C	35.7	34.3	35.6	35.5	C	C						
B29685	32.6	33.0	33.4	31.9	32.8	C	C	C	33.0	32.4	31.7	32.6	C							
B29686	32.3	31.7	33.9	31.7	34.3	C	C	C	C	C	32.9	32.4	31.2	30.1	C	C				
B29687	31.0	35.4	34.3	34.7	34.3	C	C	C	C	C	C	32.4	29.0	25.0	22.8	C	C	C	C	
B29688	31.9	30.3	30.3	35.7	28.8	C	C	C	C	30.0	31.8	34.6	33.7	C	C	C	C	C	C	
B29689	34.3	36.7	32.6	38.7	36.6	C	C	C	33.1	31.0	30.5	35.4	C	C	C	C	C	C	C	
B29690	35.4	36.7	37.3	34.4	34.7	C	C	35.4	33.0	35.2	36.1	C	C	C	C	C	C	C	C	
B29691	33.3	37.2	35.2	34.5	31.2	C	C	C	C	C	31.0	31.3	33.0	32.9	C	C				
B29692	29.6	31.8	31.9	26.7	26.5	C	C	C	C	30.8	30.5	28.7	29.6	C	C	C				
B29693	30.8	36.0	30.0	33.6	27.1	C	C	C	D	29.5	D	30.1	30.6	C	29.2	C	C			
B29694	31.9	31.6	32.3	30.9	34.7	C	C	C	30.9	32.3	31.9	30.6	C	C	Z					
B29695	31.0	26.7	32.3	33.5	32.1	C	C	C	31.2	30.8	30.4	30.9	C	C	C	C				
B29696	24.5	25.9	26.1	Z	22.9	27.8	C	C	Z	Z	23.6	25.1	23.2	21.4	C	Z				
B29697	32.3	32.0	32.2	33.6	32.7	C	C	C	C	30.8	33.3	31.0	32.6							
B29698	34.0	37.8	35.5	33.7	34.0	C	C	C	C	C	C	32.8	34.3	32.5	31.5					
B29699	31.9	29.9	32.5	33.9	34.3	C	C	C	32.4	31.9	30.9	29.7								
B29700	32.9	35.2	28.3	30.4	33.7	C	C	C	C	C	31.3	35.7	33.9	34.7	C	C				

MEAN 32.5
S.D. 2.5
N 25

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 0 mg/kg/day

LACTATION DAY 21

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29601	45.9	49.9	44.5	44.6	43.8	C	C	C	C	C	45.4	Z	50.0	43.4	C	C				
B29602	51.7	50.9	53.0	50.7	55.1	C	C	C	54.1	48.9	50.7	50.1	C	C	C	C				
B29603	39.9	Z	41.2	46.4	43.8	C	C	C	41.1	33.8	33.0	Z	C	C	C	C	C	C	C	C
B29604	44.7	44.6	46.3	47.6	38.8	C	C	47.0	43.2	47.0	43.1	C	C	C	C	C				
B29605	55.0	57.9	55.9	58.0	50.3	C	C	C	M	54.4	54.7	56.2	52.4	C	C					
B29606	42.2	43.7	42.2	43.0	42.6	C	C	C	41.0	39.5	40.2	45.3	C	C	C					
B29607	53.5	53.7	54.4	55.7	53.7	C	C	C	C	52.4	53.3	52.5	52.1							
B29608	55.8	42.2	57.0	63.8	56.8	58.9	59.4	54.5	53.7	C	C									
B29609	50.4	51.1	51.2	51.2	49.3	51.2	46.7	50.0	C	C	C	C	52.1							
B29610	49.9	47.7	52.7	53.2	54.8	C	C	45.8	48.4	50.1	46.4									
B29611	36.5	D	D	D	40.6	C	C	C	C	C	30.3	38.5	D	D	C	C	C			
B29612	54.5	58.7	55.8	60.6	57.4	48.3	52.0	47.3	56.2	C	C	C	C	C	C					
B29613	52.2	51.7	54.9	53.7	53.3	C	46.4	51.4	50.3	55.6	C	C	C	C	C					
B29614	49.5	52.7	51.7	50.7	49.2	C	C	C	C	C	C	C	48.9	48.2	50.0	44.9	C	C		
B29615	44.1	D	48.5	D	44.6	51.0	D	D	44.0	C	C	D	46.3	D	46.3	D	28.3	C	C	D
B29616	49.8	51.2	52.2	52.1	54.4	C	49.3	48.9	46.7	43.3	C	C	C	C	C					
B29617	55.8	58.9	57.2	58.3	51.1	C	C	C	C	57.2	56.3	55.0	52.7	C	C	C	C	C		
B29618	50.0	47.8	52.4	46.1	44.9	C	C	48.9	49.2	55.8	54.6	C	C	C	C	C				
B29619	55.4	55.4	56.0	55.7	54.5	C	56.6	57.4	Z	51.9	C	C	C	C						
B29620	Fin sac/NotPg/No delivery																			
B29621	47.1	49.7	49.3	44.7	50.4	C	C	C	C	C	44.2	46.8	45.7	45.7	C					
B29622	53.2	55.6	48.1	53.2	53.3	C	C	C	C	C	54.3	53.1	53.8	54.0	C	C				
B29623	49.3	49.4	53.3	50.6	50.6	C	C	C	C	C	C	50.8	47.2	41.9	50.2					
B29624	Fin sac/NotPg/No delivery																			
B29625	42.7	43.0	41.4	45.9	42.6	C	C	41.9	42.5	40.4	44.2	C	C	C						

MEAN 49.1
S.D. 5.4
N 23

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 250 mg/kg/day

LACTATION DAY 21

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29626	Prem sac/Pg/Lactation																			
B29627	54.8	59.6	60.4	50.0	56.3	C	C	C	C	55.9	49.8	53.2	52.8	C	D					
B29628	43.4	43.1	44.8	48.0	45.1	C	C	42.8	44.9	36.5	41.8	C	C	C	C	C				
B29629	47.6	53.4	Z	Z	39.2	52.1	52.2	C	C	C	Z	46.5	46.3	41.9	49.0	D	C			
B29630	Fin sac/NotPg/No delivery																			
B29631	Fin sac/NotPg/No delivery																			
B29632	48.8	49.6	48.8	47.5	52.1	C	C	56.4	49.5	39.8	46.9	C								
B29633	45.7	D	D	D	32.7	55.6	42.2	D	D	57.7	D	33.4	52.4	45.7	C					
B29634	52.7	51.5	52.6	53.2	53.1	C	C	53.2	51.9	53.7	52.3	C	C							
B29635	55.7	55.8	54.4	54.3	57.2	C	50.9	59.1	54.6	59.2	C									
B29636	50.7	51.7	52.4	53.1	52.7	C	C	C	50.2	48.0	49.0	48.8	C	C	C	Z				
B29637	52.6	53.1	55.4	56.0	53.0	52.0	48.0	53.3	49.7	C	C	C	C							
B29638	44.2	42.8	48.4	47.4	40.5	C	C	C	C	41.3	42.7	45.6	45.1	C	C	C	C	C	C	C
B29639	52.1	50.4	52.2	54.7	51.6	C	C	C	C	52.4	52.0	52.2	51.2	C	C					
B29640	55.6	62.1	62.4	55.6	52.9	C	C	50.6	59.0	52.3	50.1	C	C							
B29641	49.0	49.2	47.5	53.6	45.9	C	C	C	C	C	51.1	48.6	49.0	47.4	C					
B29642	49.7	51.9	51.4	50.3	50.7	C	C	C	49.2	45.3	47.3	51.2	C	C	C	C	C			
B29643	48.8	47.9	50.9	48.0	52.3	C	D	C	C	C	49.8	48.7	D	45.4	47.1	C	C	C		
B29644	57.5	61.7	59.3	D	D	57.1	C	C	55.1	53.3	55.9	60.3	C	C	C	C				
B29645	Fin sac/NotPg/No delivery																			
B29646	50.5	43.1	53.4	51.9	49.6	C	C	C	C	C	C	53.3	48.2	Z	53.9					
B29647	Fin sac/NotPg/No delivery																			
B29648	54.3	59.0	56.7	55.3	49.2	C	54.8	51.3	52.2	55.9	C	C								
B29649	50.0	52.4	50.8	46.2	49.9	C	C	C	C	C	47.5	50.6	51.9	50.6						
B29650	44.9	48.5	Z	48.7	Z	44.2	C	D	D	38.7	44.5	Z	C	Z	C	Z	Z	C	C	
MEAN	50.4																			
S.D.	4.0																			
N	20																			

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 500 mg/kg/day

LACTATION DAY 21

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29651	47.4	50.0	48.3	48.6	49.3	C	C	C	C	46.6	45.8	43.3	47.4	C	C	C	C			
B29652	43.1	46.8	46.0	45.1	41.9	C	C	C	C	41.0	39.3	42.4	42.1	C	C					
B29653	45.7	48.1	43.6	40.1	47.0	C	C	C	C	45.1	48.8	46.8	46.4	Z	C	C				
B29654	51.9	50.4	47.2	55.8	D	C	C	C	51.9	57.9	Z	48.1	C	C	C	C	C	C		
B29655	57.5	58.4	58.8	60.2	58.8	C	C	56.6	51.8	55.4	60.2	C	C	C	C					
B29656	Fin sac/NotPg/No delivery																			
B29657	49.1	54.0	53.9	49.0	50.5	51.2	D	43.2	46.8	44.3										
B29658	51.0	57.5	48.7	48.9	49.4	50.7	51.4	53.9	47.2	C	C	C	C	C	C	C	C	C	D	
B29659	48.1	49.0	50.4	49.6	45.5	C	C	C	C	C	C	C	45.4	48.9	48.0	Z	C			
B29660	59.4	62.3	59.5	64.0	57.6	C	C	C	57.1	60.9	57.2	56.7	C	C						
B29661	Prem sac/Pg/Lactation																			
B29662	52.7	55.7	55.0	51.3	55.2	49.5	51.4	52.9	50.8	C	C	C	C	C	C					
B29663	44.3	50.0	48.7	43.7	45.0	C	C	C	C	D	38.3	46.2	42.5	39.6	C	C				
B29664	55.5	63.1	51.9	63.7	63.8	C	D	C	C	C	C	47.4	55.2	46.8	52.3	C				
B29665	48.1	52.5	53.7	44.0	50.4	C	C	C	C	C	47.4	42.9	47.6	46.4	C	C	C	C		
B29666	Fin sac/NotPg/No delivery																			
B29667	49.8	50.3	Z	47.4	50.9	C	C	C	C	Z	51.3	46.8	52.2	Z	D	C	C	C	D	Z
B29668	D Prem sac/Pg/Lactation																			
B29669	45.8	53.4	44.5	D	36.9	C	C	44.2	49.3	47.5	44.5	C	C	C						
B29670	61.8	62.2	64.1	67.3	61.0	C	C	C	C	C	58.0	D	61.5	62.6	58.0	C	C			
B29671	36.9	29.9	36.9	40.1	39.4	C	35.7	39.0	36.9	37.3	C	C	C	C						
B29672	47.9	52.1	48.9	44.9	47.8	C	48.1	44.6	48.8	47.6	C	C	C							
B29673	Fin sac/NotPg/No delivery																			
B29674	43.4	49.1	42.5	37.4	50.3	41.7	44.6	34.9	46.4	C	C	C	C	C	C					
B29675	Prem sac/Pg/Lactation																			
MEAN	49.4																			
S.D.	6.1																			
N	19																			

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F0 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 1000 mg/kg/day

LACTATION DAY 21

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29676	54.8	56.7	52.9	55.1	56.9	46.8	C	C	56.0	56.4	57.4									
B29677	49.7	52.2	50.0	47.7	51.8	C	C	C	C	47.7	48.0	49.2	50.9	C	C					
B29678	52.8	52.0	53.8	50.9	55.3	C	C	C	C	C	C	C	Z	48.1	48.0	55.3	59.0			
B29679	54.8	60.3	59.6	52.9	58.3	57.2	48.1	50.5	51.2	C	C									
B29680	50.4	52.8	52.3	Z	48.9	49.7	50.5	46.9	51.5	C	C	C	C	C						
B29681	51.2	52.1	49.6	52.0	51.5	C	C	C	C	53.5	50.6	53.7	46.7	C						
B29682	57.8	56.3	62.1	54.3	58.8	C	C	C	C	59.9	C	60.1	61.3	50.0	C					
B29683	51.5	55.4	55.8	49.8	53.3	C	C	C	51.6	52.0	44.7	49.7	C	C	C					
B29684	59.3	61.3	59.1	60.6	61.7	C	C	C	57.4	58.2	59.4	56.7	C	C						
B29685	53.7	54.1	54.7	52.0	55.1	C	C	C	54.8	52.7	53.0	53.3	C							
B29686	49.4	48.5	52.7	46.1	52.3	C	C	C	C	C	48.6	49.1	48.9	48.6	C	C				
B29687	49.2	56.5	54.1	53.9	55.0	C	C	C	C	C	51.0	47.6	41.2	34.3	C	C	C			
B29688	52.0	47.8	52.3	58.3	47.7	C	C	C	C	50.3	51.2	56.4	52.4	C	C	C	C	C		
B29689	54.6	57.8	53.5	59.4	58.9	C	C	C	52.9	51.6	48.2	54.1	C	C	C	C	C			
B29690	56.7	58.5	61.3	55.0	56.2	C	C	55.7	52.9	56.5	57.3	C	C	C	C	C				
B29691	52.8	59.5	59.4	54.3	48.0	C	C	C	C	C	49.5	48.9	51.2	51.4	C	C				
B29692	46.7	47.6	49.9	43.6	44.9	C	C	C	C	48.0	49.6	44.4	45.9	C	C	C				
B29693	48.7	56.2	48.0	52.0	43.5	C	C	C	D	47.7	D	46.7	49.3	C	45.9	C	C			
B29694	48.5	48.6	46.7	44.9	52.0	C	C	C	48.5	49.6	49.6	48.2	C	C	Z					
B29695	47.8	39.9	48.4	53.6	50.0	C	C	C	47.0	46.8	48.4	48.4	C	C	C	C				
B29696	37.9	38.9	40.3	Z	35.8	40.6	C	C	Z	Z	38.3	38.1	36.3	35.0	C	Z				
B29697	51.7	51.7	52.3	54.6	49.8	C	C	C	C	49.4	51.5	51.0	53.0							
B29698	53.2	55.2	54.8	53.5	55.1	C	C	C	C	C	C	52.7	54.0	50.2	50.0					
B29699	51.7	49.5	53.5	52.9	54.2	C	C	C	50.6	51.6	51.1	50.2								
B29700	50.4	54.1	42.9	46.8	50.6	C	C	C	C	C	50.0	53.5	52.4	52.5	C	C				

MEAN 51.5
S.D. 4.2
N 25

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

28. F0 generation - anogenital distance

F0 GENERATION
Anogenital distance/Pup weight (mm/g)

Sex: male
Dose: 0 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																			
B29601	0.74	0.78	0.65	0.73	0.73	0.71	0.78	0.77	0.70	0.81										
B29602	0.63	0.63	0.62	0.73	0.56	0.52	0.66	0.72												
B29603	0.70	0.57	0.58	0.79	0.79	0.82	0.78	0.61												0.69
B29604	0.64	0.68	0.60	0.56	0.66	0.66	0.70													
B29605	0.71	0.78	0.60	0.70	0.85	0.68	0.65	0.71												
B29606	0.69	0.67	0.62	0.68	0.70	0.70	0.72	0.71												
B29607	0.62	0.71	0.66	0.55	0.62	0.66	0.47	0.61	0.66											
B29608	0.60	0.67	0.60	0.58	0.56															
B29609	0.66	0.63	0.60	0.56	0.73	0.60	0.57	0.85	0.60	0.63	0.86	0.66								
B29610	0.58	0.57	0.60	0.62	0.50	0.58	0.63													
B29611	0.68	0.65	0.70	0.72	0.67	0.60	0.63	0.67	0.71	0.78										
B29612	0.76	0.76	0.93	0.64	0.71															
B29613	0.65	0.55	0.67	0.60	0.59	0.83														
B29614	0.73	0.74	0.79	0.74	0.66	0.78	0.69	0.62	0.75	0.77	0.84	0.68								
B29615	0.78	0.71	0.68	0.93	0.77	0.76	0.85	0.87	0.79	0.64	0.66	0.87								
B29616	0.76	0.65	0.74	0.79	0.74	0.89														
B29617	0.75	0.74	0.77	0.63	0.83	0.73	0.87	0.67												
B29618	0.76	0.77	0.70	0.83	0.81	0.70	0.75													
B29619	0.73	0.69	0.75	0.75	0.68	0.77														
B29620	Fin sac/NotPg/No delivery																			
B29621	0.71	0.76	0.68	0.66	0.58	0.79	0.73	0.78	0.80	0.63										
B29622	0.81	0.79	0.89	0.77	0.84	0.73	0.76	0.83	0.93	0.71										
B29623	0.60	0.64	0.67	0.57	0.57	0.63	0.66	0.55	0.65	0.51	0.53									
B29624	Fin sac/NotPg/No delivery																			
B29625	0.68	0.66	0.81	0.59	0.66	0.65	0.73													
Mean	0.69																			
SD	0.06																			

Female B29605, pup 8: missing value

F0 GENERATION
Anogenital distance to the cube root of body weight

Sex: male
Dose: 0 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																			
B29601	2.45	2.50	2.17	2.45	2.40	2.38	2.60	2.53	2.35	2.67										
B29602	2.46	2.44	2.48	2.73	2.26	2.08	2.63	2.63												
B29603	2.37	1.98	1.96	2.64	2.69	2.54	2.80	2.03												2.34
B29604	2.40	2.33	2.20	2.19	2.52	2.64	2.53													
B29605	2.82	3.09	2.47	2.84	3.32	2.58	2.65	2.80												
B29606	2.25	2.17	2.14	2.27	2.32	2.24	2.37	2.21												
B29607	2.42	2.68	2.67	2.27	2.48	2.59	1.80	2.40	2.48											
B29608	2.39	2.67	2.40	2.27	2.24															
B29609	2.48	2.32	2.15	2.13	2.66	2.19	2.21	3.08	2.37	2.29	3.30	2.62								
B29610	2.33	2.21	2.38	2.45	2.11	2.23	2.57													
B29611	2.28	2.08	2.37	2.41	2.20	2.03	2.04	2.37	2.41	2.59										
B29612	2.87	2.94	3.49	2.46	2.61															
B29613	2.34	2.01	2.51	2.24	2.24	2.72														
B29614	2.49	2.41	2.67	2.56	2.34	2.76	2.39	2.19	2.45	2.54	2.75	2.33								
B29615	2.53	2.22	2.39	2.60	2.69	2.27	2.90	2.71	2.74	2.20	2.30	2.82								
B29616	2.61	2.33	2.55	2.74	2.51	2.93														
B29617	2.58	2.72	2.61	2.21	2.75	2.58	2.90	2.30												
B29618	2.52	2.61	2.37	2.55	2.60	2.42	2.59													
B29619	2.44	2.30	2.45	2.60	2.32	2.55														
B29620	Fin sac/NotPg/No delivery																			
B29621	2.59	2.83	2.46	2.37	2.19	2.88	2.72	2.80	2.83	2.22										
B29622	2.89	2.95	3.37	2.73	3.10	2.66	2.63	2.85	2.93	2.76										
B29623	2.34	2.44	2.65	2.18	2.21	2.51	2.52	2.32	2.50	2.00	2.04									
B29624	Fin sac/NotPg/No delivery																			
B29625	2.25	2.19	2.63	1.94	2.16	2.24	2.33													
Mean	2.48																			
SD	0.18																			

Female B29605, pup 8: missing value

F0 GENERATION
Anogenital distance (mm)

Sex: female
Dose: 0 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																			
B29601	2.89										2.53	2.99	2.54	3.92	2.67	2.68				
B29602	2.80								2.89	2.08	2.50	2.97	3.19	2.80	3.34	2.60				
B29603	1.81								2.69	2.04	1.12	1.77	1.74	1.48	1.90	1.54		1.90	1.87	
B29604	3.32							3.43	3.65	3.49	3.14	3.03	3.30	3.07	3.44					
B29605	3.45									3.53	3.41	3.17	3.72	3.60	3.28					
B29606	2.33								1.84	2.36	2.37	2.58	2.80	2.02	2.35					
B29607	3.35									3.45	3.46	3.47	3.00							
B29608	3.09				3.48	3.63	3.27	2.68	2.54	2.94										
B29609	2.68												2.68							
B29610	2.32							2.09	3.47	1.85	1.88									
B29611	2.95										3.24	3.12	3.00	2.58	3.01	2.73	3.00			
B29612	2.75				2.75	2.43	2.86	2.90	2.57	2.01	3.39	2.92	2.71	2.99						
B29613	2.83					2.53	2.25	2.56	2.32	2.96	3.20	3.05	2.66	3.93						
B29614	2.87												2.54	2.93	3.12	2.95	3.30	2.35		
B29615	2.76												3.00	2.89	2.73	2.99	2.65	2.66	2.56	2.57
B29616	3.03						3.01	2.58	3.17	2.53	3.58	3.46	2.98	2.89	3.11					
B29617	2.91								3.49	2.80	2.99	2.55	3.05	2.65	2.34	2.82	3.52			
B29618	2.85							2.43	2.92	2.57	2.60	2.68	3.37	2.67	3.40	3.04				
B29619	2.97						3.10	2.56	2.64	3.44	3.55	3.27	2.27	2.93						
B29620	Fin sac/NotPg/No delivery																			
B29621	3.15										3.98	2.98	2.59	2.97	3.22					
B29622	2.82										2.32	2.89	2.17	3.94	2.71	2.89				
B29623	2.96											3.02	3.47	2.24	3.11					
B29624	Fin sac/NotPg/No delivery																			
B29625	2.45							2.16	2.70	2.62	1.93	2.58	2.86	2.32						
Mean	2.84																			
SD	0.36																			

F0 GENERATION
Anogenital distance/Pup weight (mm/g)

Sex: female
Dose: 0 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Female No.	Mean																				
B29601	0.54										0.46	0.64	0.40	0.66	0.54	0.52					
B29602	0.39								0.37	0.30	0.35	0.42	0.44	0.39	0.45	0.37					
B29603	0.30								0.47	0.36	0.19	0.28	0.31	0.25	0.32	0.24		0.30	0.32		
B29604	0.50							0.50	0.54	0.48	0.52	0.46	0.49	0.43	0.57						
B29605	0.47									0.47	0.49	0.42	0.50	0.47	0.46						
B29606	0.40								0.32	0.45	0.43	0.39	0.50	0.33	0.36						
B29607	0.45									0.45	0.48	0.47	0.41								
B29608	0.44				0.49	0.52	0.45	0.38	0.37	0.40											
B29609	0.37												0.37								
B29610	0.32							0.30	0.47	0.25	0.26										
B29611	0.49										0.57	0.52	0.47	0.42	0.53	0.44	0.48				
B29612	0.43				0.45	0.37	0.45	0.45	0.41	0.30	0.50	0.41	0.48	0.47							
B29613	0.42					0.42	0.36	0.40	0.34	0.42	0.46	0.44	0.43	0.52							
B29614	0.48												0.41	0.48	0.50	0.47	0.62	0.39			
B29615	0.48												0.44	0.58	0.43	0.52	0.44	0.48	0.44	0.50	
B29616	0.52					0.54	0.42	0.52	0.49	0.58	0.63	0.51	0.52	0.52							
B29617	0.47							0.57	0.42	0.43	0.45	0.55	0.36	0.40	0.45	0.57					
B29618	0.48							0.42	0.52	0.40	0.41	0.42	0.61	0.47	0.63	0.47					
B29619	0.49					0.49	0.41	0.43	0.54	0.63	0.49	0.42	0.52								
B29620	Fin sac/NotPg/No delivery																				
B29621	0.48										0.60	0.43	0.42	0.45	0.50						
B29622	0.44										0.33	0.44	0.34	0.62	0.44	0.50					
B29623	0.41											0.40	0.46	0.33	0.44						
B29624	Fin sac/NotPg/No delivery																				
B29625	0.45							0.37	0.50	0.55	0.36	0.44	0.53	0.43							
Mean	0.44																				
SD	0.06																				

F0 GENERATION
Anogenital distance/Pup weight (mm/g)

Sex: female
Dose: 250 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Female No.	Mean																				
B29626	0.40				0.40	0.36	0.37	0.43	0.42	0.35	0.38	0.43	0.36	0.34	0.55						
B29627	0.38									0.37	0.39	0.33	0.37	0.41							
B29628	0.41							0.34	0.36	0.41	0.43	0.38	0.43	0.42	0.40	0.48	0.46				
B29629	0.48										0.52	0.36	0.48	0.46	0.43	0.70	0.42				
B29630	Fin sac/NotPg/No delivery																				
B29631	Fin sac/NotPg/No delivery																				
B29632	0.42							0.38	0.44	0.50	0.36	0.45									
B29633	0.46				0.51	0.39	0.44	0.52	0.62	0.37	0.59	0.38	0.40	0.46	0.41						
B29634	0.42							0.39	0.35	0.42	0.41	0.54	0.41								
B29635	0.34						0.33	0.33	0.40	0.28	0.35										
B29636	0.43								0.41	0.40	0.43	0.48	0.41	0.46	0.36	0.53					
B29637	0.39				0.42	0.41	0.42	0.42	0.34	0.36	0.45	0.41	0.31								
B29638	0.45									0.47	0.50	0.43	0.43	0.41	0.40	0.57	0.42	0.40	0.45		
B29639	0.41									0.40	0.40	0.42	0.39	0.45	0.39						
B29640	0.48							0.50	0.56	0.46	0.50	0.35	0.49								
B29641	0.53										0.51	0.57	0.59	0.50	0.49						
B29642	0.52								0.44	0.53	0.96	0.49	0.47	0.37	0.41	0.49	0.52				
B29643	0.55										0.47	0.53	0.65	0.54	0.51	0.63	0.57	0.53			
B29644	0.41							0.42	0.41	0.43	0.43	0.40	0.47	0.38	0.37						
B29645	Fin sac/NotPg/No delivery																				
B29646	0.41										0.25	0.35	0.61	0.43							
B29647	Fin sac/NotPg/No delivery																				
B29648	0.41						0.40	0.39	0.31	0.46	0.41	0.50									
B29649	0.43										0.50	0.41	0.38	0.41							
B29650	0.53							0.52	0.53	0.62	0.51	0.54	0.42	0.53	0.52	0.47	0.64	0.58	0.45		
Mean	0.44																				
SD	0.06																				

F0 GENERATION
Anogenital distance to the cube root of body weight

Sex: female
Dose: 0 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Female No.	Mean																				
B29601	1.65										1.43	1.79	1.37	2.17	1.57	1.55					
B29602	1.45								1.46	1.09	1.30	1.55	1.65	1.45	1.71	1.36					
B29603	1.00								1.51	1.14	0.62	0.96	0.97	0.81	1.05	0.83		1.02	1.04		
B29604	1.77							1.81	1.94	1.81	1.73	1.62	1.75	1.60	1.89						
B29605	1.77									1.80	1.78	1.61	1.90	1.82	1.71						
B29606	1.29								1.02	1.35	1.34	1.37	1.58	1.11	1.26						
B29607	1.72									1.75	1.79	1.78	1.55								
B29608	1.61					1.81	1.90	1.69	1.40	1.34	1.51										
B29609	1.39												1.39								
B29610	1.20							1.10	1.78	0.95	0.97										
B29611	1.62										1.81	1.72	1.62	1.40	1.69	1.49	1.63				
B29612	1.48					1.51	1.30	1.55	1.56	1.40	1.07	1.79	1.51	1.52	1.62						
B29613	1.50						1.39	1.22	1.38	1.22	1.54	1.67	1.59	1.45	2.01						
B29614	1.58												1.38	1.60	1.70	1.60	1.89	1.29			
B29615	1.54												1.58	1.69	1.47	1.67	1.46	1.50	1.42	1.49	
B29616	1.69					1.70	1.41	1.73	1.46	1.95	1.96	1.65	1.63	1.71							
B29617	1.58								1.91	1.49	1.57	1.43	1.73	1.37	1.30	1.53	1.92				
B29618	1.58								1.35	1.64	1.38	1.41	1.44	1.91	1.49	1.94	1.63				
B29619	1.63					1.68	1.39	1.44	1.85	2.00	1.73	1.29	1.65								
B29620	Fin sac/NotPg/No delivery																				
B29621	1.68										2.12	1.57	1.41	1.58	1.73						
B29622	1.52										1.21	1.55	1.17	2.12	1.48	1.61					
B29623	1.53											1.54	1.76	1.18	1.63						
B29624	Fin sac/NotPg/No delivery																				
B29625	1.40							1.20	1.54	1.55	1.10	1.43	1.63	1.32							
Mean	1.53																				
SD	0.18																				

F0 GENERATION
Anogenital distance to the cube root of body weight

Sex: female
Dose: 500 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																			
B29651	1.40																			
B29652	1.41																			
B29653	1.45																			
B29654	1.52																			
B29655	1.40																			
B29656	Fin sac/NotPg/No delivery																			
B29657	1.44																			
B29658	1.64																			
B29659	1.44																			
B29660	1.52																			
B29661	1.58																			
B29662	1.48																			
B29663	1.54																			
B29664	1.24																			
B29665	1.26																			
B29666	Fin sac/NotPg/No delivery																			
B29667	1.56																			
B29668	1.41																			
B29669	1.34																			
B29670	1.42																			
B29671	1.88																			
B29672	1.29																			
B29673	Fin sac/NotPg/No delivery																			
B29674	1.29																			
B29675	1.41																			
Mean	1.45																			
SD	0.14																			

F0 GENERATION
Anogenital distance to the cube root of body weight

Sex: female
Dose: 1000 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Female No.	Mean																			
B29676	1.39							1.35	1.34	1.49										
B29677	1.85									1.79	2.12	1.78	1.69	1.89						
B29678	1.80												1.88	1.83	1.90	1.63	1.78			
B29679	1.33				1.24	1.30	1.42	1.15	1.54	1.30										
B29680	1.27		1.20	1.25	1.29	1.16	1.49	1.19	1.10	1.35	1.44	1.15	1.33	1.34						
B29681	1.30								1.27	1.23	1.11	1.50	1.39							
B29682	1.38								1.30		1.47	1.34	1.45	1.36						
B29683	1.42							1.09	1.42	1.54	1.39	1.47	1.61	1.41						
B29684	1.36							1.26	1.40	1.39	1.38	1.34	1.41							
B29685	1.21							1.17	1.34	1.11	1.27	1.15								
B29686	1.34									1.50	1.39	1.36	1.21	1.38	1.18					
B29687	1.40										1.33	1.20	1.67	1.33	1.44	1.43	1.39			
B29688	1.37								1.13	1.33	1.39	1.44	1.37	1.19	1.55	1.29	1.62			
B29689	1.50							1.18	1.58	1.63	1.49	1.42	1.62	1.59	1.57	1.38				
B29690	1.26						1.17	1.17	1.13	1.22	1.14	1.40	1.45	1.35	1.31					
B29691	1.46									1.38	1.38	1.34	1.78	1.58	1.32					
B29692	1.18								1.51	1.25	1.20	1.06	1.25	0.81	1.15					
B29693	1.96								2.13	2.20	1.72	2.29	1.80	1.77	1.93	1.86				
B29694	1.38							1.34	1.35	1.35	1.44	1.46	1.35	1.33						
B29695	1.51							1.61	1.62	1.46	1.41	1.65	1.41	1.42	1.51					
B29696	1.58									1.50	1.57	1.54	1.71	1.62	1.54					
B29697	1.46								1.27	1.41	1.58	1.58								
B29698	1.37										1.06	1.34	1.55	1.52						
B29699	1.17							1.20	1.03	1.30	1.17									
B29700	1.71									1.73	1.81	1.65	1.73	1.71	1.63					
Mean	1.44																			
SD	0.20																			

29. F0 generation - assessment of reflex and physical development (individual data)

F0 GENERATION

ASSESSMENT OF REFLEX AND PHYSICAL DEVELOPMENT (Individual data)

Dose: 1000 mg/kg/day

CLIFF AVOIDANCE

FEMALE#	FUP NO.																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
B29676	11	11	11	11	11			11	11	11													
B29677	11	11	11	11						11	11	11	11										
B29678	11	11	11	11											11	11	11	11					
B29679	11	11	11	11	11	11	11	11															
B29680	11	11		11	11	11	11	11															
B29681	11	11	11	11						11	11	11	11										
B29682	11	11	11	11						11		11	11	11									
B29683	-11	11	11	11						11	11	11	11										
B29684	11	11	11	-11						11	11	11	11										
B29685	11	11	11	11						11	11	11	11										
B29686	11	11	11	11								11	11	11	11								
B29687	11	11	11	11									11	11	11	11	11						
B29688	11	11	11	11							11	11	11	11									
B29689	11	11	11	11							11	11	11	11									
B29690	11	11	-11	-11						11	11	11	11										
B29691	-11	11	11	11								11	11	11	11								
B29692	11	11	11	11								11	11	11	11								
B29693	11	11	11	11								11		11	11							11	
B29694	11	11	11	11							11	11	11	11									
B29695	11	-11	11	11							11	11	11	11									
B29696	11	11		11	11							11	11	11	11								
B29697	11	-11	11	11								11	-11	11	11								
B29698	11	11	11	11									11	11	11	11	-11						
B29699	11	11	11	11							11	11	11	11									
B29700	-11	11	11	11									11	11	11	11							

30. F0 generation - individual pups observations

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant

F0 GENERATION

INDIVIDUAL PUP OBSERVATIONS

Dose: 0 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29601	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		12	W	24	NO GROSS NECROPSY FINDINGS
		13	W	24	NO GROSS NECROPSY FINDINGS
B29602	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
	11	W	22	NO GROSS NECROPSY FINDINGS	
B29603	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
B29604	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		8	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
	10	W	24	NO GROSS NECROPSY FINDINGS	
B29605	SP	3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
B29606	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
B29607	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 0 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29607 (CONTINUED)					
	11	W	25		NO GROSS NECROPSY FINDINGS
	12	W	25		NO GROSS NECROPSY FINDINGS
B29608	SP	1	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		6	W	25	NO GROSS NECROPSY FINDINGS
		7	W	25	NO GROSS NECROPSY FINDINGS
		8	W	25	NO GROSS NECROPSY FINDINGS
B29609	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
B29610	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
B29611	SP	1	D	7 GENERAL	O AUTOLYSIS
		2	D	5 GENERAL	O AUTOLYSIS
		3	D	7	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	D	5 GENERAL	O AUTOLYSIS; -
		13	D	7 GENERAL	O AUTOLYSIS
B29612	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		6	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
B29613	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS

FUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 0 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29614	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		13	W	25	NO GROSS NECROPSY FINDINGS
		14	W	25	NO GROSS NECROPSY FINDINGS
		15	W	25	NO GROSS NECROPSY FINDINGS
B29615	SP	1	D	3 GENERAL	O AUTOLYSIS
		3	D	3 GENERAL	O AUTOLYSIS
		4	W	25	NO GROSS NECROPSY FINDINGS
		5	W	25	NO GROSS NECROPSY FINDINGS
		6	D	2 GENERAL	O AUTOLYSIS
		7	D	2 GENERAL	O AUTOLYSIS
		8	W	25	NO GROSS NECROPSY FINDINGS
		11	D	2	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
		13	D	2 GENERAL	O AUTOLYSIS
B29616	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		B29617	SP	2	W	25	NO GROSS NECROPSY FINDINGS
3	W			25	NO GROSS NECROPSY FINDINGS
4	W			25	NO GROSS NECROPSY FINDINGS
10	W			25	NO GROSS NECROPSY FINDINGS
11	W			25	NO GROSS NECROPSY FINDINGS
12	W			25	NO GROSS NECROPSY FINDINGS
B29618	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 0 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29619	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
B29621	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
		13	W	25	NO GROSS NECROPSY FINDINGS
B29622	SP	1	W	22	NO GROSS NECROPSY FINDINGS
		2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
B29623	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
		13	W	25	NO GROSS NECROPSY FINDINGS
		14	W	25	NO GROSS NECROPSY FINDINGS
B29625	SP	1	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 250 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29626	UPL	1	D	6 GENERAL	O AUTOLYSIS
		2	D	5	NO GROSS NECROPSY FINDINGS
		5	D	4	NO GROSS NECROPSY FINDINGS
		7	D	4	NO GROSS NECROPSY FINDINGS
		9	D	6 GENERAL	O AUTOLYSIS
		10	D	6 GENERAL	O AUTOLYSIS
B29627	SP	3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
B29628	SP	3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		9	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS
B29629	SP	4	W	22	NO GROSS NECROPSY FINDINGS
		5	W	22	NO GROSS NECROPSY FINDINGS
		6	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		13	W	22	NO GROSS NECROPSY FINDINGS
		14	W	22	NO GROSS NECROPSY FINDINGS
		15	D	3 GENERAL	O AUTOLYSIS
B29632	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
B29633	SP	1	D	1	NO GROSS NECROPSY FINDINGS
		2	D	2	NO GROSS NECROPSY FINDINGS
		3	D	5	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		6	W	25	NO GROSS NECROPSY FINDINGS
		7	D	2	NO GROSS NECROPSY FINDINGS
		8	D	2 GENERAL	O AUTOLYSIS
		9	W	25	NO GROSS NECROPSY FINDINGS
		10	D	2	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg UPL=Prem sac/Pg/Lactation

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 250 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29634	SP	1	W	22	NO GROSS NECROPSY FINDINGS
		2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
B29635	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
B29636	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
B29637	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		5	W	22	NO GROSS NECROPSY FINDINGS
		6	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
B29638	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
B29639	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 250 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29640	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		8	W	25	NO GROSS NECROPSY FINDINGS
		9	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS
B29641	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		13	W	22	NO GROSS NECROPSY FINDINGS
B29642	SP	3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		9	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
B29643	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		6	D	3	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	D	3	NO GROSS NECROPSY FINDINGS
		13	W	25	NO GROSS NECROPSY FINDINGS
		14	W	25	NO GROSS NECROPSY FINDINGS
B29644	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	D	3 GENERAL	O AUTOLYSIS
		4	D	6 GENERAL	O AUTOLYSIS
		5	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
B29646	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 250 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29646	(CONTINUED)				
	14	W	25		NO GROSS NECROPSY FINDINGS
B29648	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
B29649	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
		13	W	25	NO GROSS NECROPSY FINDINGS
B29650	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		5	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 500 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29651	SP	3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
B29652	SP	3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
B29653	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
B29654	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	D	6	GENERAL O AUTOLYSIS
		9	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
B29655	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
B29657	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		6	D	1	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
B29658	SP	3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		7	W	25	NO GROSS NECROPSY FINDINGS
		8	W	25	NO GROSS NECROPSY FINDINGS
		17	D	1	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 500 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29659	SP	1	W	22	NO GROSS NECROPSY FINDINGS
		2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
		13	W	22	NO GROSS NECROPSY FINDINGS
		14	W	22	NO GROSS NECROPSY FINDINGS
B29660	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
B29661	UPL	1	D	2	NO GROSS NECROPSY FINDINGS
		8	D	2	NO GROSS NECROPSY FINDINGS
		11	D	2	NO GROSS NECROPSY FINDINGS
		13	D	2	NO GROSS NECROPSY FINDINGS
		15	D	2	NO GROSS NECROPSY FINDINGS
		17	D	2	GENERAL O AUTOLYSIS
		18	D	1	NO GROSS NECROPSY FINDINGS
B29662	SP	1	W	24	NO GROSS NECROPSY FINDINGS
		2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		5	W	24	NO GROSS NECROPSY FINDINGS
		6	W	24	NO GROSS NECROPSY FINDINGS
		7	W	24	NO GROSS NECROPSY FINDINGS
		B29663	SP	2	W	25	NO GROSS NECROPSY FINDINGS
3	W			25	NO GROSS NECROPSY FINDINGS
4	W			25	NO GROSS NECROPSY FINDINGS
9	D			4	GENERAL O AUTOLYSIS
11	W			25	NO GROSS NECROPSY FINDINGS
12	W			25	NO GROSS NECROPSY FINDINGS
13	W			25	NO GROSS NECROPSY FINDINGS
B29664	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		6	D	2	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg UPL=Prem sac/Pg/Lactation

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 500 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29664 (CONTINUED)					
	12	W	22		NO GROSS NECROPSY FINDINGS
	13	W	22		NO GROSS NECROPSY FINDINGS
	14	W	22		NO GROSS NECROPSY FINDINGS
B29665	SP	3	W	22	NO GROSS NECROPSY FINDINGS
	4	W	22		NO GROSS NECROPSY FINDINGS
	12	W	22		NO GROSS NECROPSY FINDINGS
	13	W	22		NO GROSS NECROPSY FINDINGS
B29667	SP	3	W	25	NO GROSS NECROPSY FINDINGS
	4	W	25		NO GROSS NECROPSY FINDINGS
	11	W	25		NO GROSS NECROPSY FINDINGS
	12	W	25		NO GROSS NECROPSY FINDINGS
	14	D	1		NO GROSS NECROPSY FINDINGS
	18	D	1		NO GROSS NECROPSY FINDINGS
	20	D	1		NO GROSS NECROPSY FINDINGS
B29668	UPL	2	B	2 INTESTINES	V INTESTINES: BLACKISH CONTENT
	6	D	1		NO GROSS NECROPSY FINDINGS
	7	D	2	GENERAL	O AUTOLYSIS; MODERATE
	8	B	2	INTESTINES	V INTESTINES: BLACKISH CONTENT
	9	B	2	INTESTINES	V INTESTINES: BLACKISH CONTENT
	10	D	2	GENERAL	O AUTOLYSIS; MODERATE
	12	B	2	INTESTINES	V INTESTINES: BLACKISH CONTENT
	13	D	1		NO GROSS NECROPSY FINDINGS
	14	D	1		NO GROSS NECROPSY FINDINGS
	15	D	1		NO GROSS NECROPSY FINDINGS
B29669	SP	2	W	22	NO GROSS NECROPSY FINDINGS
	3	D	6	GENERAL	O AUTOLYSIS
	4	W	22		NO GROSS NECROPSY FINDINGS
	8	W	22		NO GROSS NECROPSY FINDINGS
	9	W	22		NO GROSS NECROPSY FINDINGS
	10	W	22		NO GROSS NECROPSY FINDINGS
B29670	SP	2	W	23	NO GROSS NECROPSY FINDINGS
	3	W	23		NO GROSS NECROPSY FINDINGS
	4	W	23		NO GROSS NECROPSY FINDINGS
	11	D	3	GENERAL	O AUTOLYSIS
	12	W	23		NO GROSS NECROPSY FINDINGS

FUP STATUS CODES: D-DIED B-SACRIFICED MORIBUND W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg UPL=Prem sac/Pg/Lactation

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 500 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29670 (CONTINUED)					
	13	W	23		NO GROSS NECROPSY FINDINGS
	14	W	23		NO GROSS NECROPSY FINDINGS
B29671	SP	3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		6	W	25	NO GROSS NECROPSY FINDINGS
		9	W	25	NO GROSS NECROPSY FINDINGS
B29672	SP	2	W	23	NO GROSS NECROPSY FINDINGS
		3	W	23	NO GROSS NECROPSY FINDINGS
		4	W	23	NO GROSS NECROPSY FINDINGS
		7	W	23	NO GROSS NECROPSY FINDINGS
		8	W	23	NO GROSS NECROPSY FINDINGS
		9	W	23	NO GROSS NECROPSY FINDINGS
B29674	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		6	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
B29675	UPL	1	D	2	NO GROSS NECROPSY FINDINGS
		2	D	3	NO GROSS NECROPSY FINDINGS
		3	D	2	NO GROSS NECROPSY FINDINGS
		4	B	3 INTESTINES	V INTESTINES: BLACKISH CONTENT
		5	D	3	NO GROSS NECROPSY FINDINGS
		6	B	3 INTESTINES	V INTESTINES: BLACKISH CONTENT
		7	D	3 GENERAL	O AUTOLYSIS; MODERATE
		8	D	2	NO GROSS NECROPSY FINDINGS
		9	D	3	NO GROSS NECROPSY FINDINGS
		10	D	2	NO GROSS NECROPSY FINDINGS
		11	B	3 INTESTINES	V INTESTINES: BLACKISH CONTENT
		12	D	3 GENERAL	O AUTOLYSIS; MODERATE
		13	B	3 INTESTINES	V INTESTINES: BLACKISH CONTENT

PUP STATUS CODES: D-DIED B-SACRIFICED MORIBUND W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg UPL=Prem sac/Pg/Lactation

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 1000 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29676	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		9	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS
B29677	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
	13	W	25	NO GROSS NECROPSY FINDINGS	
B29678	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		15	W	25	NO GROSS NECROPSY FINDINGS
		16	W	25	NO GROSS NECROPSY FINDINGS
	17	W	25	NO GROSS NECROPSY FINDINGS	
B29679	SP	2	W	23	NO GROSS NECROPSY FINDINGS
		3	W	23	NO GROSS NECROPSY FINDINGS
		4	W	23	NO GROSS NECROPSY FINDINGS
		6	W	23	NO GROSS NECROPSY FINDINGS
		7	W	23	NO GROSS NECROPSY FINDINGS
	8	W	23	NO GROSS NECROPSY FINDINGS	
B29680	SP	2	W	23	NO GROSS NECROPSY FINDINGS
		4	W	23	NO GROSS NECROPSY FINDINGS
		6	W	23	NO GROSS NECROPSY FINDINGS
		7	W	23	NO GROSS NECROPSY FINDINGS
B29681	SP	2	W	23	NO GROSS NECROPSY FINDINGS
		3	W	23	NO GROSS NECROPSY FINDINGS
		4	W	23	NO GROSS NECROPSY FINDINGS
		10	W	23	NO GROSS NECROPSY FINDINGS
		11	W	23	NO GROSS NECROPSY FINDINGS
	12	W	23	NO GROSS NECROPSY FINDINGS	

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 1000 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29682	SP	2	W	23	NO GROSS NECROPSY FINDINGS
		3	W	23	NO GROSS NECROPSY FINDINGS
		4	W	23	NO GROSS NECROPSY FINDINGS
		11	W	23	NO GROSS NECROPSY FINDINGS
		12	W	23	NO GROSS NECROPSY FINDINGS
		13	W	23	NO GROSS NECROPSY FINDINGS
		B29683	SP	2	W	25	NO GROSS NECROPSY FINDINGS
3	W			25	NO GROSS NECROPSY FINDINGS
4	W			25	NO GROSS NECROPSY FINDINGS
9	W			25	NO GROSS NECROPSY FINDINGS
10	W			25	NO GROSS NECROPSY FINDINGS
11	W			25	NO GROSS NECROPSY FINDINGS
B29684	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		9	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
B29685	SP	2	W	23	NO GROSS NECROPSY FINDINGS
		3	W	23	NO GROSS NECROPSY FINDINGS
		4	W	23	NO GROSS NECROPSY FINDINGS
		9	W	23	NO GROSS NECROPSY FINDINGS
		10	W	23	NO GROSS NECROPSY FINDINGS
		11	W	23	NO GROSS NECROPSY FINDINGS
B29686	SP	2	W	23	NO GROSS NECROPSY FINDINGS
		3	W	23	NO GROSS NECROPSY FINDINGS
		4	W	23	NO GROSS NECROPSY FINDINGS
		11	W	23	NO GROSS NECROPSY FINDINGS
		12	W	23	NO GROSS NECROPSY FINDINGS
		13	W	23	NO GROSS NECROPSY FINDINGS
B29687	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 1000 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29687 (CONTINUED)					
	13	W	25		NO GROSS NECROPSY FINDINGS
	14	W	25		NO GROSS NECROPSY FINDINGS
B29688	SP	2	W	25 GONADS	V SMALL TESTIS; BILATERAL
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
B29689	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		9	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
B29690	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		8	W	25	NO GROSS NECROPSY FINDINGS
		9	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS
B29691	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
		13	W	25	NO GROSS NECROPSY FINDINGS
B29692	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
B29693	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		8	D	1 GENERAL	O AUTOLYSIS; MODERATE

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 1000 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29693	(CONTINUED)				
	10	D	3		NO GROSS NECROPSY FINDINGS
	11	W	25		NO GROSS NECROPSY FINDINGS
	12	W	25		NO GROSS NECROPSY FINDINGS
	14	W	25		NO GROSS NECROPSY FINDINGS
B29694	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		9	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
B29695	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		9	W	25	NO GROSS NECROPSY FINDINGS
		10	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
B29696	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		5	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
		13	W	25	NO GROSS NECROPSY FINDINGS
B29697	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		9	W	25	NO GROSS NECROPSY FINDINGS
		11	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
B29698	SP	2	W	25	NO GROSS NECROPSY FINDINGS
		3	W	25	NO GROSS NECROPSY FINDINGS
		4	W	25	NO GROSS NECROPSY FINDINGS
		12	W	25	NO GROSS NECROPSY FINDINGS
		13	W	25	NO GROSS NECROPSY FINDINGS
		14	W	25	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F0 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 1000 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29699	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
B29700	SP	1	W	22	NO GROSS NECROPSY FINDINGS
		2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

31. F0 generation - seminology

31.1. F0 generation - epididymal sperm motility

**F0 GENERATION
EPIDIDYMAL SPERM MOTILITY**

Dose-level: 0 mg/kg/day

Animal No.	Proportion of spermatozoa (%)	
	Motile	Non-motile
B29201	92.5	7.5
B29202	100.0	0.0
B29203	100.0	0.0
B29204	100.0	0.0
B29205	100.0	0.0
B29206	100.0	0.0
B29207	100.0	0.0
B29208	100.0	0.0
B29209	100.0	0.0
B29210	100.0	0.0
B29211	100.0	0.0
B29212	100.0	0.0
B29213	100.0	0.0
B29214	100.0	0.0
B29215	100.0	0.0
B29216	100.0	0.0
B29217	100.0	0.0
B29218	100.0	0.0
B29219	100.0	0.0
B29220	100.0	0.0
B29221	100.0	0.0
B29222	100.0	0.0
B29223	100.0	0.0
B29224	100.0	0.0
B29225	100.0	0.0
Mean	99.7	0.3
Sd	1.5	1.5
n	25	25

**F0 GENERATION
EPIDIDYMAL SPERM MOTILITY**

Dose-level: 250 mg/kg/day

Animal No.	Proportion of spermatozoa (%)	
	Motile	Non-motile
B29226	100	0
B29227	100	0
B29228	100	0
B29229	100	0
B29230	100	0
B29231	100	0
B29232	100	0
B29233	100	0
B29234	100	0
B29235	100	0
B29236	100	0
B29237	100	0
B29238	100	0
B29239	100	0
B29240	100	0
B29241	100	0
B29242	100	0
B29243	100	0
B29244	100	0
B29245	100	0
B29246	100	0
B29247	100	0
B29248	100	0
B29249	100	0
B29250	100	0
Mean	100.0	0.0
Sd	0.0	0.0
n	25	25

**F0 GENERATION
EPIDIDYMAL SPERM MOTILITY**

Dose-level: 500 mg/kg/day

Animal No.	Proportion of spermatozoa (%)	
	Motile	Non-motile
B29251	82.5	17.5
B29252	93	7
B29253	100	0
B29254	97.5	2.5
B29255	100	0
B29256	100	0
B29257	100	0
B29258	100	0
B29259	100	0
B29260	100	0
B29261	91.5	8.5
B29262	100	0
B29263	100	0
B29264	100	0
B29265	100	0
B29266	100	0
B29267	100	0
B29268	100	0
B29269	100	0
B29270	100	0
B29271	100	0
B29272	100	0
B29273	100	0
B29274	100	0
B29275	100	0
Mean	98.6	1.4
Sd	4.0	4.0
n	25	25

**F0 GENERATION
EPIDIDYMAL SPERM MOTILITY**

Dose-level: 1000 mg/kg/day

Animal No.	Proportion of spermatozoa (%)	
	Motile	Non-motile
B29276	83.5	16.5
B29277	100	0
B29278	100	0
B29279	100	0
B29280	77.5	22.5
B29281	100	0
B29282	100	0
B29283	100	0
B29284	100	0
B29285	100	0
B29286	100	0
B29287	100	0
B29288	79.5	20.5
B29289	100	0
B29290	100	0
B29291	100	0
B29292	100	0
B29293	100	0
B29294	100	0
B29295	100	0
B29296	100	0
B29297	100	0
B29298	100	0
B29299	100	0
B29300	100	0
Mean	97.6	2.4
Sd	6.6	6.6
n	25	25

31.2. F0 generation - epididymal sperm count

**F0 GENERATION
EPIDIDYMAL SPERM COUNT**

Dose-level: 0 mg/kg/day

Animal No.	Number of spermatozoa (10 ³ /mm ³ of sperm)
B29201	924
B29202	1144
B29203	920
B29204	700
B29205	796
B29206	1168
B29207	708
B29208	616
B29209	968
B29210	880
B29211	1120
B29212	860
B29213	1068
B29214	1128
B29215	904
B29216	1060
B29217	884
B29218	944
B29219	1168
B29220	860
B29221	1340
B29222	736
B29223	1004
B29224	572
B29225	596
Mean	923
Sd	200
n	25

**F0 GENERATION
EPIDIDYMAL SPERM COUNT**

Dose-level: 250 mg/kg/day

Animal No.	Number of spermatozoa ($10^3/\text{mm}^3$ of sperm)
B29226	1308
B29227	1120
B29228	884
B29229	708
B29230	1100
B29231	844
B29232	940
B29233	1072
B29234	1260
B29235	848
B29236	684
B29237	856
B29238	812
B29239	1140
B29240	816
B29241	816
B29242	596
B29243	1176
B29244	1012
B29245	580
B29246	944
B29247	1160
B29248	1000
B29249	1112
B29250	668
Mean	938
Sd	205
n	25

**F0 GENERATION
EPIDIDYMAL SPERM COUNT**

Dose-level: 500 mg/kg/day

Animal No.	Number of spermatozoa ($10^3/\text{mm}^3$ of sperm)
B29251	1112
B29252	1108
B29253	816
B29254	936
B29255	572
B29256	936
B29257	900
B29258	1008
B29259	1012
B29260	1036
B29261	764
B29262	1072
B29263	956
B29264	960
B29265	1040
B29266	608
B29267	764
B29268	736
B29269	1036
B29270	920
B29271	1260
B29272	1072
B29273	988
B29274	892
B29275	868
Mean	935
Sd	159
n	25

**F0 GENERATION
EPIDIDYMAL SPERM COUNT**

Dose-level: 1000 mg/kg/day

Animal No.	Number of spermatozoa ($10^3/\text{mm}^3$ of sperm)
B29276	708
B29277	832
B29278	940
B29279	972
B29280	760
B29281	*
B29282	1076
B29283	1392
B29284	912
B29285	996
B29286	700
B29287	1168
B29288	600
B29289	1096
B29290	796
B29291	800
B29292	1008
B29293	792
B29294	984
B29295	632
B29296	852
B29297	1044
B29298	1176
B29299	728
B29300	1072
Mean	918
Sd	194
n	24

* : problem at the sampling

31.3. F0 generation - epididymal sperm morphology

**F0 GENERATION
EPIDIDYMAL SPERM MORPHOLOGY**

Dose-level: 0 mg/kg/day

Animal No.	Normal	Normally shaped head separated from flagellum	Mis-shapen head separated from flagellum	Mis-shapen head with normal flagellum	Mis-shapen head with abnormal flagellum	Degenerative flagellar defect(s) with normal head	Other flagellar defect(s) with normal head
B29201	96	4	0	0	0	0	0
B29202	97	3	0	0	0	0	0
B29203	98	2	0	0	0	0	0
B29204	96	3	0	0	0	0	1
B29205	99	1	0	0	0	0	0
B29206	96	4	0	0	0	0	0
B29207	97	3	0	0	0	0	0
B29208	98	2	0	0	0	0	0
B29209	98	2	0	0	0	0	0
B29210	96	1	0	3	0	0	0
B29211	98	1	0	0	0	0	1
B29212	97	1	0	2	0	0	0
B29213	98	0	0	2	0	0	0
B29214	97	1	0	0	0	1	1
B29215	97	3	0	0	0	0	0
B29216	97	1	0	1	0	0	1
B29217	97	3	0	0	0	0	0
B29218	98	2	0	0	0	0	0
B29219	97	2	0	0	0	0	1
B29220	92	7	0	0	0	1	0
B29221	100	0	0	0	0	0	0
B29222	99	1	0	0	0	0	0
B29223	98	2	0	0	0	0	0
B29224	0	0	1	99	0	0	0
B29225	97	1	0	0	0	1	1
Mean %	93.3	2.0	0.0	4.3	0.0	0.1	0.2
Sd	19.5	1.6	0.2	19.7	0.0	0.3	0.4

**F0 GENERATION
EPIDIDYMAL SPERM MORPHOLOGY**

Dose-level: 250 mg/kg/day

Animal number	Normal	Normally shaped head separated from flagellum	Mis-shapen head separated from flagellum	Mis-shapen head with normal flagellum	Mis-shapen head with abnormal flagellum	Degenerative flagellar defect(s) with normal head	Other flagellar defect(s) with normal head
B29226	95	5	0	0	0	0	0
B29227	97	3	0	0	0	0	0
B29228	98	2	0	0	0	0	0
B29229	97	3	0	0	0	0	0
B29230	96	3	0	1	0	0	0
B29231	0	13	0	85	2	0	0
B29232	96	3	0	1	0	0	0
B29233	98	2	0	0	0	0	0
B29234	99	1	0	0	0	0	0
B29235	99	0	0	0	0	1	0
B29236	97	1	0	0	0	0	2
B29237	97	1	0	0	0	0	2
B29238	99	1	0	0	0	0	0
B29239	98	0	0	1	0	0	1
B29240	99	0	0	0	0	0	1
B29241	97	1	0	0	0	0	2
B29242	93	7	0	0	0	0	0
B29243	90	4	0	5	0	0	1
B29244	93	7	0	0	0	0	0
B29245	96	4	0	0	0	0	0
B29246	96	0	0	2	0	0	2
B29247	97	2	0	1	0	0	0
B29248	98	1	0	0	0	0	1
B29249	98	2	0	0	0	0	0
B29250	98	2	0	0	0	0	0
Mean %	92.8	2.7	0.0	3.8	0.1	0.0	0.5
Sd	19.5	2.9	0.0	16.9	0.4	0.2	0.8

**F0 GENERATION
EPIDIDYMAL SPERM MORPHOLOGY**

Dose-level: 500 mg/kg/day

Animal number	Normal	Normally shaped head separated from flagellum	Mis-shapen head separated from flagellum	Mis-shapen head with normal flagellum	Mis-shapen head with abnormal flagellum	Degenerative flagellar defect(s) with normal head	Other flagellar defect(s) with normal head
B29251	98	2	0	0	0	0	0
B29252	97	1	0	1	0	0	1
B29253	99	1	0	0	0	0	0
B29254	96	1	0	0	1	0	2
B29255	92	7	0	0	0	0	1
B29256	96	2	0	2	0	0	0
B29257	96	2	0	1	0	0	1
B29258	97	3	0	0	0	0	0
B29259	99	0	0	0	0	0	1
B29260	96	4	0	0	0	0	0
B29261	97	1	0	1	0	0	1
B29262	99	0	0	0	0	0	1
B29263	98	0	0	0	0	0	2
B29264	96	3	0	1	0	0	0
B29265	96	1	0	0	0	1	2
B29266	94	4	0	1	0	0	1
B29267	96	2	0	1	0	0	1
B29268	92	6	0	1	0	0	1
B29269	95	5	0	0	0	0	0
B29270	98	2	0	0	0	0	0
B29271	97	2	0	0	0	0	1
B29272	96	4	0	0	0	0	0
B29273	99	1	0	0	0	0	0
B29274	99	0	0	0	0	0	1
B29275	95	2	0	3	0	0	0
Mean %	96.5	2.2	0.0	0.5	0.0	0.0	0.7
Sd	2.0	1.9	0.0	0.8	0.2	0.2	0.7

**F0 GENERATION
EPIDIDYMAL SPERM MORPHOLOGY**

Dose-level: 1000 mg/kg/day

Animal number	Normal	Normally shaped head separated from flagellum	Mis-shapen head separated from flagellum	Mis-shapen head with normal flagellum	Mis-shapen head with abnormal flagellum	Degenerative flagellar defect(s) with normal head	Other flagellar defect(s) with normal head
B29276	94	5	0	1	0	0	0
B29277	97	2	0	0	0	0	1
B29278	99	0	0	1	0	0	0
B29279	95	5	0	0	0	0	0
B29280	97	0	0	1	0	1	1
B29281	98	1	0	0	0	0	1
B29282	95	5	0	0	0	0	0
B29283	95	3	0	1	0	0	1
B29284	95	3	0	1	0	0	1
B29285	96	2	0	0	0	0	2
B29286	97	2	0	1	0	0	0
B29287	100	0	0	0	0	0	0
B29288	94	5	0	0	0	0	1
B29289	93	5	0	1	0	0	1
B29290	97	1	0	1	0	0	1
B29291	97	3	0	0	0	0	0
B29292	96	3	0	1	0	0	0
B29293	92	6	0	0	0	0	2
B29294	97	1	0	0	0	1	1
B29295	94	6	0	0	0	0	0
B29296	93	3	0	1	0	0	3
B29297	97	1	0	0	0	0	2
B29298	99	0	0	1	0	0	0
B29299	97	1	0	0	0	0	2
B29300	98	1	0	0	0	1	0
Mean %	96.1	2.6	0.0	0.4	0.0	0.1	0.8
Sd	2.0	2.0	0.0	0.5	0.0	0.3	0.9

31.4. F0 generation - testicular sperm head count

**F0 GENERATION
TESTICULAR SPERM HEAD COUNT**

Dose-level: 0 mg/kg/day

Animal No.	Number of sperm heads (10 ⁶ /g of testis)	Daily sperm production rate (10 ⁶ /g of testis/day)
B29201	116.7	19.1
B29202	116.4	19.1
B29203	147.1	24.1
B29204	98.2	16.1
B29205	99.1	16.2
B29206	124.5	20.4
B29207	120.7	19.8
B29208	105.4	17.3
B29209	126.0	20.7
B29210	103.2	16.9
B29211	109.1	17.9
B29212	127.6	20.9
B29213	124.8	20.5
B29214	89.5	14.7
B29215	121.0	19.8
B29216	137.1	22.5
B29217	135.7	22.3
B29218	133.9	21.9
B29219	106.9	17.5
B29220	99.3	16.3
B29221	94.3	15.5
B29222	118.3	19.4
B29223	99.1	16.2
B29224	69.2	11.3
B29225	146.0	23.9
Mean	114.8	18.8
Sd	18.7	3.1
n	25	25

**F0 GENERATION
TESTICULAR SPERM HEAD COUNT**

Dose-level: 250 mg/kg/day

Animal No.	Number of sperm heads (10 ⁶ /g of testis)	Daily sperm production rate (10 ⁶ /g of testis/day)
B29226	118.6	19.4
B29227	125.5	20.6
B29228	110.1	18.0
B29229	111.1	18.2
B29230	88.9	14.6
B29231	122.6	20.1
B29232	118.3	19.4
B29233	117.4	19.3
B29234	110.6	18.1
B29235	90.9	14.9
B29236	117.0	19.2
B29237	124.6	20.4
B29238	101.6	16.7
B29239	113.3	18.6
B29240	94.0	15.4
B29241	110.8	18.2
B29242	115.7	19.0
B29243	96.5	15.8
B29244	119.6	19.6
B29245	117.0	19.2
B29246	75.5	12.4
B29247	110.5	18.1
B29248	101.8	16.7
B29249	90.5	14.8
B29250	123.2	20.2
Mean	109.0	17.9
Sd	13.1	2.2
n	25	25

**F0 GENERATION
TESTICULAR SPERM HEAD COUNT**

Dose-level: 500 mg/kg/day

Animal No.	Number of sperm heads (10 ⁶ /g of testis)	Daily sperm production rate (10 ⁶ /g of testis/day)
B29251	99.8	16.4
B29252	125.9	20.6
B29253	115.7	19.0
B29254	152.4	25.0
B29255	129.0	21.1
B29256	105.3	17.3
B29257	116.6	19.1
B29258	101.3	16.6
B29259	103.5	17.0
B29260	89.8	14.7
B29261	125.1	20.5
B29262	88.6	14.5
B29263	116.3	19.1
B29264	101.8	16.7
B29265	98.3	16.1
B29266	92.2	15.1
B29267	122.7	20.1
B29268	114.8	18.8
B29269	93.7	15.4
B29270	88.9	14.6
B29271	139.9	22.9
B29272	117.4	19.2
B29273	70.0	11.5
B29274	85.4	14.0
B29275	107.8	17.7
Mean	108.1	17.7
Sd	18.6	3.1
n	25	25

**F0 GENERATION
TESTICULAR SPERM HEAD COUNT**

Dose-level: 1000 mg/kg/day

Animal No.	Number of sperm heads (10 ⁶ /g of testis)	Daily sperm production rate (10 ⁶ /g of testis/day)
B29276	100.4	16.5
B29277	110.8	18.2
B29278	130.6	21.4
B29279	80.9	13.3
B29280	107.4	17.6
B29281	105.3	17.3
B29282	116.3	19.1
B29283	104.8	17.2
B29284	119.0	19.5
B29285	104.6	17.2
B29286	87.8	14.4
B29287	112.4	18.4
B29288	120.0	19.7
B29289	88.3	14.5
B29290	103.0	16.9
B29291	90.5	14.8
B29292	131.9	21.6
B29293	137.8	22.6
B29294	75.2	12.3
B29295	129.3	21.2
B29296	116.6	19.1
B29297	114.7	18.8
B29298	106.0	17.4
B29299	130.4	21.4
B29300	121.4	19.9
Mean	109.8	18.0
Sd	16.5	2.7
n	25	25

32. F0 generation - individual organ weights

F0 parents and pups sacrificed at weaning

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS

Explanation of Symbols:

- 0 = Tissue/Organ not weighed
* = Tissue/Organ weighed after fixation

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
 SEX : MALE

		B29201	B29202	B29203	B29204
ANIMAL NUMBER	:	B29201	B29202	B29203	B29204
DAYS ON TEST	:	117	117	117	117
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	25-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0460	0.0590	0.0410	0.0360
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00785	0.00973	0.00721	0.00505
	% BRAIN:	2.274	2.845	1.963	1.633
.....					
BRAIN	G:	2.0230	2.0740	2.0890	2.2040
	% BODY :	0.34540	0.34213	0.36746	0.30925
.....					
EPIDIDYMIS, LEFT	G:	0.7910	0.8540	0.7240	0.8150
	% BODY :	0.13505	0.14088	0.12735	0.11435
	% BRAIN:	39.100	41.176	34.658	36.978
.....					
EPIDIDYMIS, RIGHT	G:	0.7860	0.8310	0.7450	0.8550
	% BODY :	0.13420	0.13708	0.13105	0.11997
	% BRAIN:	38.853	40.068	35.663	38.793
.....					
FINAL BODY WEIGHT	G:	585.7000	606.2000	568.5000	712.7000
.....					
KIDNEYS	G:	3.5420	3.9600	4.0630	4.2990
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.60475	0.65325	0.71469	0.60320
	% BRAIN:	175.087	190.935	194.495	195.054
.....					
LIVER	G:	20.5280	21.2820	15.5940	25.0000
	% BODY :	3.505	3.511	2.743	3.508
	% BRAIN:	1014.731	1026.133	746.482	1134.301
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29201	B29202	B29203	B29204
.....					
PITUITARY GLAND	G:	0.0090	0.0140	0.0130	0.0150
	% BODY :	0.00154	0.00231	0.00229	0.00210
	% BRAIN:	0.445	0.675	0.622	0.681
.....					
PROSTATE	G:	1.7300	1.1270	1.4830	1.7700
	% BODY :	0.29537	0.18591	0.26086	0.24835
	% BRAIN:	85.517	54.339	70.991	80.309
.....					
SEMINAL VESICLE	G:	1.9800	2.9290	1.9600	1.6480
	% BODY :	0.33806	0.48317	0.34477	0.23123
	% BRAIN:	97.874	141.225	93.825	74.773
.....					
SPLEEN	G:	0.7280	0.8550	0.7020	0.7930
	% BODY :	0.12430	0.14104	0.12348	0.11127
	% BRAIN:	35.986	41.225	33.605	35.980
.....					
TESTIS, LEFT	G:	1.7320	1.8360	1.6570	1.7190
	% BODY :	0.29571	0.30287	0.29147	0.24120
	% BRAIN:	85.615	88.525	79.320	77.995
.....					
TESTIS, RIGHT	G:	1.7320	1.7790	1.6320	1.7080
	% BODY :	0.29571	0.29347	0.28707	0.23965
	% BRAIN:	85.615	85.776	78.124	77.495
.....					
THYROID GLANDS	G:	0.0290	0.0210	0.0240	0.0210
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00495	0.00346	0.00422	0.00295
	% BRAIN:	1.434	1.013	1.149	0.953
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
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 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
 SEX : MALE

		B29205	B29206	B29207	B29208
ANIMAL NUMBER	:	B29205	B29206	B29207	B29208
DAYS ON TEST	:	117	117	117	117
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	25-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0530	0.1020	0.0660	0.0490
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00903	0.01578	0.00957	0.00802
	% BRAIN:	2.455	4.707	3.037	2.250
.....					
BRAIN	G:	2.1590	2.1670	2.1730	2.1780
	% BODY :	0.36774	0.33524	0.31493	0.35664
.....					
EPIDIDYMIS, LEFT	G:	0.8580	0.7650	0.7760	0.7470
	% BODY :	0.14614	0.11835	0.11246	0.12232
	% BRAIN:	39.741	35.302	35.711	34.298
.....					
EPIDIDYMIS, RIGHT	G:	0.8440	0.7500	0.7410	0.8150
	% BODY :	0.14376	0.11603	0.10739	0.13345
	% BRAIN:	39.092	34.610	34.100	37.420
.....					
FINAL BODY WEIGHT	G:	587.1000	646.4000	690.0000	610.7000
.....					
KIDNEYS	G:	3.7670	4.1930	4.1860	3.6310
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.64163	0.64867	0.60667	0.59456
	% BRAIN:	174.479	193.493	192.637	166.713
.....					
LIVER	G:	21.1490	22.0330	25.3720	19.4410
	% BODY :	3.602	3.409	3.677	3.183
	% BRAIN:	979.574	1016.751	1167.602	892.608
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29205	B29206	B29207	B29208
.....					
PITUITARY GLAND	G:	0.0100	0.0150	0.0130	0.0120
	% BODY :	0.00170	0.00232	0.00188	0.00196
	% BRAIN:	0.463	0.692	0.598	0.551
.....					
PROSTATE	G:	1.6010	1.3700	1.1870	1.0150
	% BODY :	0.27270	0.21194	0.17203	0.16620
	% BRAIN:	74.155	63.221	54.625	46.602
.....					
SEMINAL VESICLE	G:	2.1030	2.2410	2.0300	2.0010
	% BODY :	0.35820	0.34669	0.29420	0.32766
	% BRAIN:	97.406	103.415	93.419	91.873
.....					
SPLEEN	G:	0.7620	0.8630	0.9460	0.6930
	% BODY :	0.12979	0.13351	0.13710	0.11348
	% BRAIN:	35.294	39.825	43.534	31.818
.....					
TESTIS, LEFT	G:	2.0170	1.9040	1.8010	1.7880
	% BODY :	0.34355	0.29455	0.26101	0.29278
	% BRAIN:	93.423	87.863	82.881	82.094
.....					
TESTIS, RIGHT	G:	1.8420	1.8200	1.7650	1.7880
	% BODY :	0.31375	0.28156	0.25580	0.29278
	% BRAIN:	85.317	83.987	81.224	82.094
.....					
THYROID GLANDS	G:	0.0230	0.0210	0.0240	0.0230
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00392	0.00325	0.00348	0.00377
	% BRAIN:	1.065	0.969	1.104	1.056
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
 SEX : MALE

		B29209	B29210	B29211	B29212
ANIMAL NUMBER	:	B29209	B29210	B29211	B29212
DAYS ON TEST	:	117	117	120	120
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0440	0.0420	0.0570	0.0540
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00741	0.00703	0.00900	0.00980
	% BRAIN:	2.129	2.023	2.645	2.779
.....					
BRAIN	G:	2.0670	2.0760	2.1550	1.9430
	% BODY :	0.34821	0.34733	0.34017	0.35263
.....					
EPIDIDYMIS, LEFT	G:	0.7180	0.7930	0.7100	0.7830
	% BODY :	0.12096	0.13268	0.11208	0.14211
	% BRAIN:	34.736	38.198	32.947	40.299
.....					
EPIDIDYMIS, RIGHT	G:	0.7900	0.7800	0.7680	0.8200
	% BODY :	0.13309	0.13050	0.12123	0.14882
	% BRAIN:	38.220	37.572	35.638	42.203
.....					
FINAL BODY WEIGHT	G:	593.6000	597.7000	633.5000	551.0000
.....					
KIDNEYS	G:	3.4760	3.7850	3.5940	3.2710
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.58558	0.63326	0.56732	0.59365
	% BRAIN:	168.166	182.322	166.775	168.348
.....					
LIVER	G:	18.5600	18.7500	21.4920	17.9480
	% BODY :	3.127	3.137	3.393	3.257
	% BRAIN:	897.920	903.179	997.309	923.726
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29209	B29210	B29211	B29212
.....					
PITUITARY GLAND	G:	0.0130	0.0130	0.0100	0.0120
	% BODY :	0.00219	0.00218	0.00158	0.00218
	% BRAIN:	0.629	0.626	0.464	0.618
.....					
PROSTATE	G:	1.2900	1.2380	1.7430	0.9950
	% BODY :	0.21732	0.20713	0.27514	0.18058
	% BRAIN:	62.409	59.634	80.882	51.209
.....					
SEMINAL VESICLE	G:	2.1730	1.9720	1.9020	1.6710
	% BODY :	0.36607	0.32993	0.30024	0.30327
	% BRAIN:	105.128	94.990	88.260	86.001
.....					
SPLEEN	G:	0.7140	0.7290	0.7710	0.6290
	% BODY :	0.12028	0.12197	0.12170	0.11416
	% BRAIN:	34.543	35.116	35.777	32.373
.....					
TESTIS, LEFT	G:	1.6890	1.6470	1.8840	1.7830
	% BODY :	0.28454	0.27556	0.29740	0.32359
	% BRAIN:	81.713	79.335	87.425	91.765
.....					
TESTIS, RIGHT	G:	1.6260	1.6800	1.8770	1.7040
	% BODY :	0.27392	0.28108	0.29629	0.30926
	% BRAIN:	78.665	80.925	87.100	87.699
.....					
THYROID GLANDS	G:	0.0240	0.0130	0.0210	0.0250
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00404	0.00218	0.00331	0.00454
	% BRAIN:	1.161	0.626	0.974	1.287
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : MALE

		B29213	B29214	B29215	B29216
ANIMAL NUMBER	:	B29213	B29214	B29215	B29216
DAYS ON TEST	:	120	120	120	120
DATE OF NECROPSY	:	28-JUL-03	28-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0580	0.0440	0.0460	0.0510
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00911	0.00815	0.00799	0.00943
	% BRAIN:	2.782	2.228	2.290	2.591
.....					
BRAIN	G:	2.0850	1.9750	2.0090	1.9680
	% BODY :	0.32732	0.36588	0.34885	0.36370
.....					
EPIDIDYMIS, LEFT	G:	0.7930	0.8230	0.7210	0.7270
	% BODY :	0.12449	0.15246	0.12520	0.13436
	% BRAIN:	38.034	41.671	35.889	36.941
.....					
EPIDIDYMIS, RIGHT	G:	0.7010	0.7630	0.8210	0.7220
	% BODY :	0.11005	0.14135	0.14256	0.13343
	% BRAIN:	33.621	38.633	40.866	36.687
.....					
FINAL BODY WEIGHT	G:	637.0000	539.8000	575.9000	541.1000
.....					
KIDNEYS	G:	3.6690	3.0270	3.2860	3.3880
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.57598	0.56076	0.57059	0.62613
	% BRAIN:	175.971	153.266	163.564	172.154
.....					
LIVER	G:	21.7840	15.4210	15.9710	18.8860
	% BODY :	3.420	2.857	2.773	3.490
	% BRAIN:	1044.796	780.810	794.973	959.654
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29213	B29214	B29215	B29216
.....					
PITUITARY GLAND	G:	0.0150	0.0130	0.0130	0.0140
	% BODY :	0.00235	0.00241	0.00226	0.00259
	% BRAIN:	0.719	0.658	0.647	0.711
.....					
PROSTATE	G:	1.4980	1.2950	1.2300	1.7090
	% BODY :	0.23516	0.23990	0.21358	0.31584
	% BRAIN:	71.847	65.570	61.224	86.839
.....					
SEMINAL VESICLE	G:	2.3120	2.5030	2.1040	2.1170
	% BODY :	0.36295	0.46369	0.36534	0.39124
	% BRAIN:	110.887	126.734	104.729	107.571
.....					
SPLEEN	G:	0.9250	0.6480	0.7440	0.6680
	% BODY :	0.14521	0.12004	0.12919	0.12345
	% BRAIN:	44.365	32.810	37.033	33.943
.....					
TESTIS, LEFT	G:	1.7210	1.6990	1.8710	1.6250
	% BODY :	0.27017	0.31475	0.32488	0.30031
	% BRAIN:	82.542	86.025	93.131	82.571
.....					
TESTIS, RIGHT	G:	1.6510	1.7460	1.8970	1.6070
	% BODY :	0.25918	0.32345	0.32940	0.29699
	% BRAIN:	79.185	88.405	94.425	81.657
.....					
THYROID GLANDS	G:	0.0250	0.0200	0.0220	0.0180
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00392	0.00371	0.00382	0.00333
	% BRAIN:	1.199	1.013	1.095	0.915
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
 SEX : MALE

		B29217	B29218	B29219	B29220
ANIMAL NUMBER	:	B29217	B29218	B29219	B29220
DAYS ON TEST	:	120	120	120	120
DATE OF NECROPSY	:	28-JUL-03	28-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0490	0.0520	0.0400	0.0680
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00939	0.00811	0.00708	0.00992
	% BRAIN:	2.491	2.504	1.853	3.365
.....					
BRAIN	G:	1.9670	2.0770	2.1590	2.0210
	% BODY :	0.37696	0.32402	0.38226	0.29469
.....					
EPIDIDYMIS, LEFT	G:	0.6890	0.7620	0.8280	0.8460
	% BODY :	0.13204	0.11888	0.14660	0.12336
	% BRAIN:	35.028	36.688	38.351	41.860
.....					
EPIDIDYMIS, RIGHT	G:	0.7400	0.8130	0.8170	0.8440
	% BODY :	0.14182	0.12683	0.14465	0.12307
	% BRAIN:	37.621	39.143	37.842	41.762
.....					
FINAL BODY WEIGHT	G:	521.8000	641.0000	564.8000	685.8000
.....					
KIDNEYS	G:	3.2480	3.4820	3.2710	3.0140
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.62246	0.54321	0.57914	0.43949
	% BRAIN:	165.125	167.646	151.505	149.134
.....					
LIVER	G:	14.9520	20.5470	17.9670	20.3330
	% BODY :	2.865	3.205	3.181	2.965
	% BRAIN:	760.142	989.263	832.191	1006.086
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29217	B29218	B29219	B29220
.....					
PITUITARY GLAND	G:	0.0110	0.0180	0.0100	0.0120
	% BODY :	0.00211	0.00281	0.00177	0.00175
	% BRAIN:	0.559	0.867	0.463	0.594
.....					
PROSTATE	G:	1.3820	1.4810	1.0150	1.5130
	% BODY :	0.26485	0.23105	0.17971	0.22062
	% BRAIN:	70.259	71.305	47.013	74.864
.....					
SEMINAL VESICLE	G:	2.2210	2.1990	1.7680	1.3720
	% BODY :	0.42564	0.34306	0.31303	0.20006
	% BRAIN:	112.913	105.874	81.890	67.887
.....					
SPLEEN	G:	0.5710	0.8430	0.7610	0.9810
	% BODY :	0.10943	0.13151	0.13474	0.14304
	% BRAIN:	29.029	40.587	35.248	48.540
.....					
TESTIS, LEFT	G:	1.5890	1.6820	1.8310	1.7940
	% BODY :	0.30452	0.26240	0.32419	0.26159
	% BRAIN:	80.783	80.982	84.808	88.768
.....					
TESTIS, RIGHT	G:	1.6670	1.7590	1.9300	1.7730
	% BODY :	0.31947	0.27441	0.34171	0.25853
	% BRAIN:	84.748	84.689	89.393	87.729
.....					
THYROID GLANDS	G:	0.0190	0.0150	0.0180	0.0240
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00364	0.00234	0.00319	0.00350
	% BRAIN:	0.966	0.722	0.834	1.188
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
 SEX : MALE

		B29221	B29222	B29223	B29224
ANIMAL NUMBER	:	B29221	B29222	B29223	B29224
DAYS ON TEST	:	121	121	121	121
DATE OF NECROPSY	:	29-JUL-03	29-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0540	0.0510	0.0530	0.0430
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00890	0.00862	0.00816	0.00676
	% BRAIN:	2.548	2.443	2.384	2.081
.....					
BRAIN	G:	2.1190	2.0880	2.2230	2.0660
	% BODY :	0.34938	0.35300	0.34232	0.32469
.....					
EPIDIDYMIS, LEFT	G:	0.8430	0.7340	0.7470	0.6560
	% BODY :	0.13899	0.12409	0.11503	0.10310
	% BRAIN:	39.783	35.153	33.603	31.752
.....					
EPIDIDYMIS, RIGHT	G:	0.8390	0.7290	0.8390	0.6570
	% BODY :	0.13833	0.12325	0.12920	0.10325
	% BRAIN:	39.594	34.914	37.742	31.801
.....					
FINAL BODY WEIGHT	G:	606.5000	591.5000	649.4000	636.3000
.....					
KIDNEYS	G:	3.4250	3.7410	3.4220	4.1790
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.56472	0.63246	0.52695	0.65677
	% BRAIN:	161.633	179.167	153.936	202.275
.....					
LIVER	G:	21.2820	19.0040	18.6540	21.4660
	% BODY :	3.509	3.213	2.872	3.374
	% BRAIN:	1004.342	910.153	839.136	1039.013
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29221	B29222	B29223	B29224
.....					
PITUITARY GLAND	G:	0.0130	0.0100	0.0130	0.0170
	% BODY :	0.00214	0.00169	0.00200	0.00267
	% BRAIN:	0.613	0.479	0.585	0.823
.....					
PROSTATE	G:	1.9490	1.1350	1.3060	1.2800
	% BODY :	0.32135	0.19189	0.20111	0.20116
	% BRAIN:	91.977	54.358	58.749	61.955
.....					
SEMINAL VESICLE	G:	2.3370	1.7010	2.1840	1.9130
	% BODY :	0.38533	0.28757	0.33631	0.30064
	% BRAIN:	110.288	81.466	98.246	92.594
.....					
SPLEEN	G:	0.7010	0.7630	0.7370	0.8010
	% BODY :	0.11558	0.12899	0.11349	0.12588
	% BRAIN:	33.082	36.542	33.153	38.771
.....					
TESTIS, LEFT	G:	2.0640	1.8220	1.7780	1.8370
	% BODY :	0.34031	0.30803	0.27379	0.28870
	% BRAIN:	97.404	87.261	79.982	88.916
.....					
TESTIS, RIGHT	G:	2.0320	1.7180	1.7120	1.8970
	% BODY :	0.33504	0.29045	0.26363	0.29813
	% BRAIN:	95.894	82.280	77.013	91.820
.....					
THYROID GLANDS	G:	0.0330	0.0230	0.0250	0.0230
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00544	0.00389	0.00385	0.00361
	% BRAIN:	1.557	1.102	1.125	1.113
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER : B29225
DAYS ON TEST : 121
DATE OF NECROPSY : 29-JUL-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

ADRENAL GLANDS G: 0.0510
LEFT : -
RIGHT: -
% BODY : 0.01078
% BRAIN: 2.567
.....

BRAIN G: 1.9870
% BODY : 0.41991
.....

EPIDIDYMIS, LEFT G: 0.7490
% BODY : 0.15828
% BRAIN: 37.695
.....

EPIDIDYMIS, RIGHT G: 0.7270
% BODY : 0.15363
% BRAIN: 36.588
.....

FINAL BODY WEIGHT G: 473.2000
.....

KIDNEYS G: 2.6550
LEFT : -
RIGHT: -
% BODY : 0.56107
% BRAIN: 133.619
.....

LIVER G: 15.1970
% BODY : 3.212
% BRAIN: 764.821
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER : B29225
.....

PITUITARY GLAND G: 0.0100
% BODY : 0.00211
% BRAIN: 0.503
.....

PROSTATE G: 1.8250
% BODY : 0.38567
% BRAIN: 91.847
.....

SEMINAL VESICLE G: 2.1430
% BODY : 0.45287
% BRAIN: 107.851
.....

SPLEEN G: 0.4980
% BODY : 0.10524
% BRAIN: 25.063
.....

TESTIS, LEFT G: 1.6540
% BODY : 0.34954
% BRAIN: 83.241
.....

TESTIS, RIGHT G: 1.7090
% BODY : 0.36116
% BRAIN: 86.009
.....

THYROID GLANDS G: 0.0150
LEFT : -
RIGHT: -
% BODY : 0.00317
% BRAIN: 0.755
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : FEMALE

		B29601	B29602	B29603	B29604
ANIMAL NUMBER	:	B29601	B29602	B29603	B29604
DAYS ON TEST	:	120	117	115	121
DATE OF NECROPSY	:	28-JUL-03	25-JUL-03	23-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0620	0.0800	0.0680	0.0660
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01976	0.02372	0.01682	0.01911
	% BRAIN:	3.348	4.264	3.491	3.438
.....					
BRAIN	G:	1.8520	1.8760	1.9480	1.9200
	% BODY :	0.59018	0.55618	0.48170	0.55588
.....					
FINAL BODY WEIGHT	G:	313.8000	337.3000	404.4000	345.4000
.....					
KIDNEYS	G:	2.1170	2.2530	2.5340	2.1960
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.67463	0.66795	0.62661	0.63578
	% BRAIN:	114.309	120.096	130.082	114.375
.....					
LIVER	G:	14.6170	16.4180	17.9250	14.8440
	% BODY :	4.658	4.867	4.432	4.298
	% BRAIN:	789.255	875.160	920.175	773.125
.....					
OVARIES	G:	0.1410	0.1780	0.1670	0.1270
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04493	0.05277	0.04130	0.03677
	% BRAIN:	7.613	9.488	8.573	6.615
.....					
PITUITARY GLAND	G:	0.0160	0.0160	0.0160	0.0160
	% BODY :	0.00510	0.00474	0.00396	0.00463
	% BRAIN:	0.864	0.853	0.821	0.833
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29601	B29602	B29603	B29604
.....					
SPLEEN	G:	0.6880	0.6820	0.6400	0.6010
	% BODY :	0.21925	0.20219	0.15826	0.17400
	% BRAIN:	37.149	36.354	32.854	31.302
.....					
THYROID GLANDS	G:	0.0170	0.0160	0.0250	0.0160
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00542	0.00474	0.00618	0.00463
	% BRAIN:	0.918	0.853	1.283	0.833
.....					
UTERUS	G:	0.5740	0.4320	0.4380	0.4430
	% BODY :	0.18292	0.12808	0.10831	0.12826
	% BRAIN:	30.994	23.028	22.485	23.073
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : FEMALE

		B29605	B29606	B29607	B29608
ANIMAL NUMBER	:	B29605	B29606	B29607	B29608
DAYS ON TEST	:	122	115	121	121
DATE OF NECROPSY	:	30-JUL-03	23-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0570	0.0740	0.0540	0.0610
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01829	0.02221	0.01822	0.01990
	% BRAIN:	3.105	3.856	2.883	3.131
.....					
BRAIN	G:	1.8360	1.9190	1.8730	1.9480
	% BODY :	0.58922	0.57593	0.63192	0.63556
.....					
FINAL BODY WEIGHT	G:	311.6000	333.2000	296.4000	306.5000
.....					
KIDNEYS	G:	2.1850	2.1900	1.8720	2.2540
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.70122	0.65726	0.63158	0.73540
	% BRAIN:	119.009	114.122	99.947	115.708
.....					
LIVER	G:	15.3250	15.1300	13.2430	14.2570
	% BODY :	4.918	4.541	4.468	4.652
	% BRAIN:	834.695	788.431	707.048	731.879
.....					
OVARIES	G:	0.1660	0.1800	0.1420	0.1750
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05327	0.05402	0.04791	0.05710
	% BRAIN:	9.041	9.380	7.581	8.984
.....					
PITUITARY GLAND	G:	0.0120	0.0160	0.0130	0.0150
	% BODY :	0.00385	0.00480	0.00439	0.00489
	% BRAIN:	0.654	0.834	0.694	0.770
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29605	B29606	B29607	B29608
.....					
SPLEEN	G:	0.5460	0.6800	0.6520	0.6980
	% BODY :	0.17522	0.20408	0.21997	0.22773
	% BRAIN:	29.739	35.435	34.810	35.832
.....					
THYROID GLANDS	G:	0.0160	0.0170	0.0160	0.0230
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00513	0.00510	0.00540	0.00750
	% BRAIN:	0.871	0.886	0.854	1.181
.....					
UTERUS	G:	0.7080	0.5020	0.5700	0.5560
	% BODY :	0.22721	0.15066	0.19231	0.18140
	% BRAIN:	38.562	26.159	30.432	28.542
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : FEMALE

		B29609	B29610	B29611	B29612
ANIMAL NUMBER	:	B29609	B29610	B29611	B29612
DAYS ON TEST	:	117	116	123	117
DATE OF NECROPSY	:	25-JUL-03	24-JUL-03	31-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0640	0.0750	0.0800	0.0760
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02090	0.02392	0.02242	0.02275
	% BRAIN:	3.482	3.896	4.105	4.194
.....					
BRAIN	G:	1.8380	1.9250	1.9490	1.8120
	% BODY :	0.60026	0.61384	0.54624	0.54251
.....					
FINAL BODY WEIGHT	G:	306.2000	313.6000	356.8000	334.0000
.....					
KIDNEYS	G:	2.1730	2.1990	2.4250	2.4540
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.70967	0.70121	0.67965	0.73473
	% BRAIN:	118.226	114.234	124.423	135.430
.....					
LIVER	G:	16.5940	15.8860	14.3440	14.9200
	% BODY :	5.419	5.066	4.020	4.467
	% BRAIN:	902.829	825.247	735.967	823.400
.....					
OVARIES	G:	0.1750	0.1640	0.1600	0.1500
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05715	0.05230	0.04484	0.04491
	% BRAIN:	9.521	8.519	8.209	8.278
.....					
PITUITARY GLAND	G:	0.0170	0.0260	0.0180	0.0180
	% BODY :	0.00555	0.00829	0.00504	0.00539
	% BRAIN:	0.925	1.351	0.924	0.993
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29609	B29610	B29611	B29612
.....					
SPLEEN	G:	0.7200	0.6020	0.6020	0.6750
	% BODY :	0.23514	0.19196	0.16872	0.20210
	% BRAIN:	39.173	31.273	30.888	37.252
.....					
THYROID GLANDS	G:	0.0160	0.0160	0.0210	0.0180
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00523	0.00510	0.00589	0.00539
	% BRAIN:	0.871	0.831	1.077	0.993
.....					
UTERUS	G:	0.7630	0.4270	0.5370	0.5320
	% BODY :	0.24918	0.13616	0.15050	0.15928
	% BRAIN:	41.513	22.182	27.553	29.360
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : FEMALE

		B29613	B29614	B29615	B29616
ANIMAL NUMBER	:	B29613	B29614	B29615	B29616
DAYS ON TEST	:	116	121	122	117
DATE OF NECROPSY	:	24-JUL-03	29-JUL-03	30-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0650	0.0560	0.0600	0.0830
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02617	0.01934	0.01574	0.02552
	% BRAIN:	3.211	3.094	3.005	4.222
.....					
BRAIN	G:	2.0240	1.8100	1.9970	1.9660
	% BODY :	0.81481	0.62522	0.52387	0.60455
.....					
FINAL BODY WEIGHT	G:	248.4000	289.5000	381.2000	325.2000
.....					
KIDNEYS	G:	2.4320	2.2920	2.6410	2.0630
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.97907	0.79171	0.69281	0.63438
	% BRAIN:	120.158	126.630	132.248	104.934
.....					
LIVER	G:	14.0900	14.1410	16.7390	15.5860
	% BODY :	5.672	4.885	4.391	4.793
	% BRAIN:	696.146	781.271	838.207	792.777
.....					
OVARIES	G:	0.1560	0.1990	0.1800	0.1610
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.06280	0.06874	0.04722	0.04951
	% BRAIN:	7.708	10.994	9.014	8.189
.....					
PITUITARY GLAND	G:	0.0130	0.0130	0.0170	0.0170
	% BODY :	0.00523	0.00449	0.00446	0.00523
	% BRAIN:	0.642	0.718	0.851	0.865
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29613	B29614	B29615	B29616
.....					
SPLEEN	G:	0.7130	0.9170	0.7590	0.6140
	% BODY :	0.28704	0.31675	0.19911	0.18881
	% BRAIN:	35.227	50.663	38.007	31.231
.....					
THYROID GLANDS	G:	0.0150	0.0220	0.0220	0.0160
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00604	0.00760	0.00577	0.00492
	% BRAIN:	0.741	1.215	1.102	0.814
.....					
UTERUS	G:	0.5350	0.6960	0.4880	0.6590
	% BODY :	0.21538	0.24041	0.12802	0.20264
	% BRAIN:	26.433	38.453	24.437	33.520
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER	:	B29617	B29618	B29619	B29620
DAYS ON TEST	:	121	115	117	107
DATE OF NECROPSY	:	29-JUL-03	23-JUL-03	25-JUL-03	15-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0680	0.0790	0.0690	0.0460
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02206	0.01991	0.01883	0.01161
	% BRAIN:	3.500	3.880	3.678	2.235
.....					
BRAIN	G:	1.9430	2.0360	1.8760	2.0580
	% BODY :	0.63043	0.51310	0.51201	0.51943
.....					
FINAL BODY WEIGHT	G:	308.2000	396.8000	366.4000	396.2000
.....					
KIDNEYS	G:	2.1180	2.4500	2.2820	2.1280
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.68722	0.61744	0.62282	0.53710
	% BRAIN:	109.007	120.334	121.642	103.401
.....					
LIVER	G:	13.0830	18.2370	16.4450	12.7230
	% BODY :	4.245	4.596	4.488	3.211
	% BRAIN:	673.340	895.727	876.599	618.222
.....					
OVARIES	G:	0.2040	0.1890	0.1960	0.1270
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.06619	0.04763	0.05349	0.03205
	% BRAIN:	10.499	9.283	10.448	6.171
.....					
PITUITARY GLAND	G:	0.0150	0.0110	0.0160	0.0210
	% BODY :	0.00487	0.00277	0.00437	0.00530
	% BRAIN:	0.772	0.540	0.853	1.020
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER	:	B29617	B29618	B29619	B29620
SPLEEN	G:	0.7200	0.6950	0.7280	0.5610
	% BODY :	0.23361	0.17515	0.19869	0.14160
	% BRAIN:	37.056	34.136	38.806	27.259
THYROID GLANDS	G:	0.0150	0.0200	0.0140	0.0220
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00487	0.00504	0.00382	0.00555
	% BRAIN:	0.772	0.982	0.746	1.069
UTERUS	G:	0.5240	0.4490	0.5170	1.4650
	% BODY :	0.17002	0.11316	0.14110	0.36976
	% BRAIN:	26.969	22.053	27.559	71.186

WEIGHT COMMENTS

ANIMAL NUMBER : B29620

* UTERUS

FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : FEMALE

		B29621	B29622	B29623	B29624
ANIMAL NUMBER	:	B29621	B29622	B29623	B29624
DAYS ON TEST	:	120	127	120	101
DATE OF NECROPSY	:	28-JUL-03	04-AUG-03	28-JUL-03	09-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0740	0.0830	0.0750	0.0700
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02482	0.02750	0.02295	0.02346
	% BRAIN:	3.938	4.129	3.854	3.571
.....					
BRAIN	G:	1.8790	2.0100	1.9460	1.9600
	% BODY :	0.63033	0.66600	0.59547	0.65684
.....					
FINAL BODY WEIGHT	G:	298.1000	301.8000	326.8000	298.4000
.....					
KIDNEYS	G:	2.1180	2.4930	2.1540	2.1000
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.71050	0.82604	0.65912	0.70375
	% BRAIN:	112.720	124.030	110.689	107.143
.....					
LIVER	G:	13.9320	14.8770	14.8540	10.5500
	% BODY :	4.674	4.929	4.545	3.536
	% BRAIN:	741.458	740.149	763.309	538.265
.....					
OVARIES	G:	0.2150	0.1940	0.1640	0.1800
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.07212	0.06428	0.05018	0.06032
	% BRAIN:	11.442	9.652	8.428	9.184
.....					
PITUITARY GLAND	G:	0.0150	0.0160	0.0090	0.0200
	% BODY :	0.00503	0.00530	0.00275	0.00670
	% BRAIN:	0.798	0.796	0.462	1.020
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29621	B29622	B29623	B29624
.....					
SPLEEN	G:	0.5100	0.5820	0.6400	0.6600
	% BODY :	0.17108	0.19284	0.19584	0.22118
	% BRAIN:	27.142	28.955	32.888	33.673
.....					
THYROID GLANDS	G:	0.0150	0.0200	0.0180	0.0300
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00503	0.00663	0.00551	0.01005
	% BRAIN:	0.798	0.995	0.925	1.531
.....					
UTERUS	G:	0.5470	0.5420	0.5880	0.6500
	% BODY :	0.18350	0.17959	0.17993	0.21783
	% BRAIN:	29.111	26.965	30.216	33.163
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29624

* UTERUS

FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER : B29625
DAYS ON TEST : 116
DATE OF NECROPSY : 24-JUL-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

ADRENAL GLANDS G: 0.0600
LEFT : -
RIGHT: -
% BODY : 0.03226
% BRAIN: 3.183
.....

BRAIN G: 1.8850
% BODY : 1.013
.....

FINAL BODY WEIGHT G: 186.0000
.....

KIDNEYS G: 1.9540
LEFT : -
RIGHT: -
% BODY : 1.051
% BRAIN: 103.660
.....

LIVER G: 12.9270
% BODY : 6.950
% BRAIN: 685.782
.....

OVARIES G: 0.1190
LEFT : -
RIGHT: -
% BODY : 0.06398
% BRAIN: 6.313
.....

PITUITARY GLAND G: 0.0120
% BODY : 0.00645
% BRAIN: 0.637
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 1, 0mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER : B29625
.....

SPLEEN G: 0.5650
% BODY : 0.30376
% BRAIN: 29.973
.....

THYROID GLANDS G: 0.0210
LEFT : -
RIGHT: -
% BODY : 0.01129
% BRAIN: 1.114
.....

UTERUS G: 0.3880
% BODY : 0.20860
% BRAIN: 20.584
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

		B29226	B29227	B29228	B29229
ANIMAL NUMBER	:	B29226	B29227	B29228	B29229
DAYS ON TEST	:	117	117	117	117
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	25-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0660	0.0550	0.0660	0.0760
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01121	0.00965	0.01191	0.01281
	% BRAIN:	3.084	2.639	3.182	3.510
.....					
BRAIN	G:	2.1400	2.0840	2.0740	2.1650
	% BODY :	0.36345	0.36561	0.37430	0.36503
.....					
EPIDIDYMIS, LEFT	G:	0.7230	0.7800	0.6390	0.7900
	% BODY :	0.12279	0.13684	0.11532	0.13320
	% BRAIN:	33.785	37.428	30.810	36.490
.....					
EPIDIDYMIS, RIGHT	G:	0.6990	0.7710	0.7450	0.8470
	% BODY :	0.11872	0.13526	0.13445	0.14281
	% BRAIN:	32.664	36.996	35.921	39.122
.....					
FINAL BODY WEIGHT	G:	588.8000	570.0000	554.1000	593.1000
.....					
KIDNEYS	G:	3.5000	3.6260	3.6620	3.9570
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.59443	0.63614	0.66089	0.66717
	% BRAIN:	163.551	173.992	176.567	182.771
.....					
LIVER	G:	20.2080	20.9980	16.6010	20.1280
	% BODY :	3.432	3.684	2.996	3.394
	% BRAIN:	944.299	1007.582	800.434	929.700
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29226	B29227	B29228	B29229
.....					
PITUITARY GLAND	G:	0.0160	0.0110	0.0180	0.0150
	% BODY :	0.00272	0.00193	0.00325	0.00253
	% BRAIN:	0.748	0.528	0.868	0.693
.....					
PROSTATE	G:	2.0360	1.7540	1.4920	1.3680
	% BODY :	0.34579	0.30772	0.26927	0.23065
	% BRAIN:	95.140	84.165	71.938	63.187
.....					
SEMINAL VESICLE	G:	2.0350	1.9500	1.6460	2.2710
	% BODY :	0.34562	0.34211	0.29706	0.38290
	% BRAIN:	95.093	93.570	79.364	104.896
.....					
SPLEEN	G:	0.8780	0.8190	0.6880	0.8280
	% BODY :	0.14912	0.14368	0.12417	0.13961
	% BRAIN:	41.028	39.299	33.173	38.245
.....					
TESTIS, LEFT	G:	1.4750	1.6460	1.6950	2.0330
	% BODY :	0.25051	0.28877	0.30590	0.34278
	% BRAIN:	68.925	78.983	81.726	93.903
.....					
TESTIS, RIGHT	G:	1.7960	1.6760	1.7760	2.1690
	% BODY :	0.30503	0.29404	0.32052	0.36571
	% BRAIN:	83.925	80.422	85.632	100.185
.....					
THYROID GLANDS	G:	0.0310	0.0270	0.0220	0.0280
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00526	0.00474	0.00397	0.00472
	% BRAIN:	1.449	1.296	1.061	1.293
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

		B29230	B29231	B29232	B29233
ANIMAL NUMBER	:	B29230	B29231	B29232	B29233
DAYS ON TEST	:	117	117	117	117
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	25-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0670	0.0520	0.0520	0.0460
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01186	0.00754	0.00937	0.00757
	% BRAIN:	3.026	2.452	2.479	2.237
.....					
BRAIN	G:	2.2140	2.1210	2.0980	2.0560
	% BODY :	0.39200	0.30735	0.37788	0.33855
.....					
EPIDIDYMIS, LEFT	G:	0.6970	0.6400	0.7890	0.7210
	% BODY :	0.12341	0.09274	0.14211	0.11872
	% BRAIN:	31.481	30.174	37.607	35.068
.....					
EPIDIDYMIS, RIGHT	G:	0.6970	0.6930	0.7880	0.7310
	% BODY :	0.12341	0.10042	0.14193	0.12037
	% BRAIN:	31.481	32.673	37.560	35.554
.....					
FINAL BODY WEIGHT	G:	564.8000	690.1000	555.2000	607.3000
.....					
KIDNEYS	G:	3.3390	4.6840	3.3890	4.4160
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.59118	0.67874	0.61041	0.72715
	% BRAIN:	150.813	220.839	161.535	214.786
.....					
LIVER	G:	18.3230	23.7650	17.5420	20.6000
	% BODY :	3.244	3.444	3.160	3.392
	% BRAIN:	827.597	1120.462	836.130	1001.946
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29230	B29231	B29232	B29233
.....					
PITUITARY GLAND	G:	0.0120	0.0140	0.0130	0.0140
	% BODY :	0.00212	0.00203	0.00234	0.00231
	% BRAIN:	0.542	0.660	0.620	0.681
.....					
PROSTATE	G:	1.5420	1.8420	1.6250	1.3200
	% BODY :	0.27302	0.26692	0.29269	0.21736
	% BRAIN:	69.648	86.846	77.455	64.202
.....					
SEMINAL VESICLE	G:	1.8410	2.3110	1.6210	1.4440
	% BODY :	0.32596	0.33488	0.29197	0.23777
	% BRAIN:	83.153	108.958	77.264	70.233
.....					
SPLEEN	G:	0.8070	0.7970	0.5670	0.5640
	% BODY :	0.14288	0.11549	0.10213	0.09287
	% BRAIN:	36.450	37.577	27.026	27.432
.....					
TESTIS, LEFT	G:	1.6210	1.9690	1.5910	1.7440
	% BODY :	0.28700	0.28532	0.28656	0.28717
	% BRAIN:	73.216	92.834	75.834	84.825
.....					
TESTIS, RIGHT	G:	1.6090	1.9830	1.5930	1.6890
	% BODY :	0.28488	0.28735	0.28692	0.27812
	% BRAIN:	72.674	93.494	75.929	82.150
.....					
THYROID GLANDS	G:	0.0250	0.0280	0.0210	0.0230
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00443	0.00406	0.00378	0.00379
	% BRAIN:	1.129	1.320	1.001	1.119
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

		B29234	B29235	B29236	B29237
ANIMAL NUMBER	:	B29234	B29235	B29236	B29237
DAYS ON TEST	:	117	117	120	120
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0760	0.0600	0.0680	0.0540
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01189	0.00874	0.01005	0.00934
	% BRAIN:	3.744	2.644	2.870	2.633
.....					
BRAIN	G:	2.0300	2.2690	2.3690	2.0510
	% BODY :	0.31749	0.33042	0.35024	0.35484
.....					
EPIDIDYMIS, LEFT	G:	0.8120	0.8310	0.8570	0.6840
	% BODY :	0.12699	0.12101	0.12670	0.11834
	% BRAIN:	40.000	36.624	36.176	33.350
.....					
EPIDIDYMIS, RIGHT	G:	0.8340	0.9320	0.9550	0.7140
	% BODY :	0.13043	0.13572	0.14119	0.12353
	% BRAIN:	41.084	41.075	40.312	34.812
.....					
FINAL BODY WEIGHT	G:	639.4000	686.7000	676.4000	578.0000
.....					
KIDNEYS	G:	4.3420	4.5820	4.6690	3.4470
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.67907	0.66725	0.69027	0.59637
	% BRAIN:	213.892	201.939	197.087	168.064
.....					
LIVER	G:	22.3060	24.5960	24.4090	19.3160
	% BODY :	3.489	3.582	3.609	3.342
	% BRAIN:	1098.818	1084.002	1030.350	941.784
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29234	B29235	B29236	B29237
.....					
PITUITARY GLAND	G:	0.0140	0.0200	0.0150	0.0130
	% BODY :	0.00219	0.00291	0.00222	0.00225
	% BRAIN:	0.690	0.881	0.633	0.634
.....					
PROSTATE	G:	1.8930	1.7900	1.5680	1.4530
	% BODY :	0.29606	0.26067	0.23182	0.25138
	% BRAIN:	93.251	78.889	66.188	70.843
.....					
SEMINAL VESICLE	G:	2.0070	1.6760	3.4140	2.5160
	% BODY :	0.31389	0.24407	0.50473	0.43529
	% BRAIN:	98.867	73.865	144.111	122.672
.....					
SPLEEN	G:	1.0960	0.8280	0.9720	0.6760
	% BODY :	0.17141	0.12058	0.14370	0.11696
	% BRAIN:	53.990	36.492	41.030	32.960
.....					
TESTIS, LEFT	G:	1.8840	1.8550	2.0990	1.5960
	% BODY :	0.29465	0.27013	0.31032	0.27612
	% BRAIN:	92.808	81.754	88.603	77.816
.....					
TESTIS, RIGHT	G:	1.9700	1.9310	2.0260	1.5090
	% BODY :	0.30810	0.28120	0.29953	0.26107
	% BRAIN:	97.044	85.104	85.521	73.574
.....					
THYROID GLANDS	G:	0.0290	0.0360	0.0220	0.0110
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00454	0.00524	0.00325	0.00190
	% BRAIN:	1.429	1.587	0.929	0.536
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

		B29238	B29239	B29240	B29241
ANIMAL NUMBER	:	B29238	B29239	B29240	B29241
DAYS ON TEST	:	120	120	120	120
DATE OF NECROPSY	:	28-JUL-03	28-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0290	0.0560	0.0650	0.0750
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00491	0.00974	0.01118	0.01304
	% BRAIN:	1.384	2.577	2.936	3.523
.....					
BRAIN	G:	2.0960	2.1730	2.2140	2.1290
	% BODY :	0.35465	0.37811	0.38080	0.37026
.....					
EPIDIDYMIS, LEFT	G:	0.6760	0.7500	0.7810	0.7510
	% BODY :	0.11438	0.13050	0.13433	0.13061
	% BRAIN:	32.252	34.514	35.276	35.275
.....					
EPIDIDYMIS, RIGHT	G:	0.6610	0.7800	0.8380	0.7910
	% BODY :	0.11184	0.13572	0.14413	0.13757
	% BRAIN:	31.536	35.895	37.850	37.154
.....					
FINAL BODY WEIGHT	G:	591.0000	574.7000	581.4000	575.0000
.....					
KIDNEYS	G:	3.7340	4.1300	3.8320	3.8910
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.63181	0.71864	0.65910	0.67670
	% BRAIN:	178.149	190.060	173.080	182.762
.....					
LIVER	G:	18.5660	21.5540	20.0420	19.9040
	% BODY :	3.141	3.750	3.447	3.462
	% BRAIN:	885.782	991.901	905.239	934.899
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29238	B29239	B29240	B29241
.....					
PITUITARY GLAND	G:	0.0160	0.0090	0.0110	0.0190
	% BODY :	0.00271	0.00157	0.00189	0.00330
	% BRAIN:	0.763	0.414	0.497	0.892
.....					
PROSTATE	G:	0.6840	1.6710	1.4670	1.5880
	% BODY :	0.11574	0.29076	0.25232	0.27617
	% BRAIN:	32.634	76.898	66.260	74.589
.....					
SEMINAL VESICLE	G:	1.8460	2.6780	2.4710	3.2630
	% BODY :	0.31235	0.46598	0.42501	0.56748
	% BRAIN:	88.073	123.240	111.608	153.264
.....					
SPLEEN	G:	0.9570	0.8170	0.7480	0.6960
	% BODY :	0.16193	0.14216	0.12865	0.12104
	% BRAIN:	45.658	37.598	33.785	32.691
.....					
TESTIS, LEFT	G:	1.5240	1.7610	1.7430	1.5980
	% BODY :	0.25787	0.30642	0.29979	0.27791
	% BRAIN:	72.710	81.040	78.726	75.059
.....					
TESTIS, RIGHT	G:	1.5890	1.7790	1.7000	1.6880
	% BODY :	0.26887	0.30955	0.29240	0.29357
	% BRAIN:	75.811	81.868	76.784	79.286
.....					
THYROID GLANDS	G:	0.0250	0.0200	0.0140	0.0300
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00423	0.00348	0.00241	0.00522
	% BRAIN:	1.193	0.920	0.632	1.409
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

		B29242	B29243	B29244	B29245
ANIMAL NUMBER	:	B29242	B29243	B29244	B29245
DAYS ON TEST	:	120	120	120	120
DATE OF NECROPSY	:	28-JUL-03	28-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0610	0.0660	0.0510	0.0590
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01064	0.01098	0.00881	0.00980
	% BRAIN:	2.829	2.931	2.328	2.689
.....					
BRAIN	G:	2.1560	2.2520	2.1910	2.1940
	% BODY :	0.37613	0.37452	0.37828	0.36451
.....					
EPIDIDYMIS, LEFT	G:	0.7390	0.8680	0.8860	0.7360
	% BODY :	0.12893	0.14435	0.15297	0.12228
	% BRAIN:	34.276	38.544	40.438	33.546
.....					
EPIDIDYMIS, RIGHT	G:	0.7050	0.8910	0.7950	0.7450
	% BODY :	0.12299	0.14818	0.13726	0.12377
	% BRAIN:	32.699	39.565	36.285	33.956
.....					
FINAL BODY WEIGHT	G:	573.2000	601.3000	579.2000	601.9000
.....					
KIDNEYS	G:	3.6240	4.3670	3.8650	3.8930
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.63224	0.72626	0.66730	0.64679
	% BRAIN:	168.089	193.917	176.403	177.438
.....					
LIVER	G:	17.3600	20.8310	18.0800	17.2820
	% BODY :	3.029	3.464	3.122	2.871
	% BRAIN:	805.195	925.000	825.194	787.694
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29242	B29243	B29244	B29245
.....					
PITUITARY GLAND	G:	0.0160	0.0210	0.0140	0.0150
	% BODY :	0.00279	0.00349	0.00242	0.00249
	% BRAIN:	0.742	0.933	0.639	0.684
.....					
PROSTATE	G:	1.6540	1.4030	1.8880	1.3260
	% BODY :	0.28856	0.23333	0.32597	0.22030
	% BRAIN:	76.716	62.300	86.171	60.438
.....					
SEMINAL VESICLE	G:	2.3100	3.4960	2.3140	2.7440
	% BODY :	0.40300	0.58141	0.39952	0.45589
	% BRAIN:	107.143	155.240	105.614	125.068
.....					
SPLEEN	G:	0.6390	0.7870	0.6350	0.7520
	% BODY :	0.11148	0.13088	0.10963	0.12494
	% BRAIN:	29.638	34.947	28.982	34.275
.....					
TESTIS, LEFT	G:	1.4570	1.8840	1.7600	1.7400
	% BODY :	0.25419	0.31332	0.30387	0.28908
	% BRAIN:	67.579	83.659	80.329	79.307
.....					
TESTIS, RIGHT	G:	1.5270	1.9250	1.7570	1.7240
	% BODY :	0.26640	0.32014	0.30335	0.28643
	% BRAIN:	70.826	85.480	80.192	78.578
.....					
THYROID GLANDS	G:	0.0180	0.0230	0.0150	0.0160
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00314	0.00383	0.00259	0.00266
	% BRAIN:	0.835	1.021	0.685	0.729
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
 SEX : MALE

		B29246	B29247	B29248	B29249
ANIMAL NUMBER	:	B29246	B29247	B29248	B29249
DAYS ON TEST	:	121	121	121	121
DATE OF NECROPSY	:	29-JUL-03	29-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0470	0.0990	0.0640	0.0470
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00819	0.01736	0.01074	0.00766
	% BRAIN:	2.454	4.920	3.086	2.051
.....					
BRAIN	G:	1.9150	2.0120	2.0740	2.2920
	% BODY :	0.33380	0.35280	0.34804	0.37353
.....					
EPIDIDYMIS, LEFT	G:	0.7960	0.7630	0.7440	0.9510
	% BODY :	0.13875	0.13379	0.12485	0.15499
	% BRAIN:	41.567	37.922	35.873	41.492
.....					
EPIDIDYMIS, RIGHT	G:	0.7860	0.7740	0.6540	0.9410
	% BODY :	0.13701	0.13572	0.10975	0.15336
	% BRAIN:	41.044	38.469	31.533	41.056
.....					
FINAL BODY WEIGHT	G:	573.7000	570.3000	595.9000	613.6000
.....					
KIDNEYS	G:	3.8200	4.1920	3.2190	4.7330
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.66585	0.73505	0.54019	0.77135
	% BRAIN:	199.478	208.350	155.207	206.501
.....					
LIVER	G:	18.5290	20.3330	17.6280	21.7120
	% BODY :	3.230	3.565	2.958	3.538
	% BRAIN:	967.572	1010.586	849.952	947.295
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29246	B29247	B29248	B29249
.....					
PITUITARY GLAND	G:	0.0130	0.0110	0.0080	0.0140
	% BODY :	0.00227	0.00193	0.00134	0.00228
	% BRAIN:	0.679	0.547	0.386	0.611
.....					
PROSTATE	G:	1.2770	1.7430	2.0010	2.1460
	% BODY :	0.22259	0.30563	0.33579	0.34974
	% BRAIN:	66.684	86.630	96.480	93.630
.....					
SEMINAL VESICLE	G:	1.6450	2.7960	1.3920	2.7890
	% BODY :	0.28674	0.49027	0.23360	0.45453
	% BRAIN:	85.901	138.966	67.117	121.684
.....					
SPLEEN	G:	0.8240	0.6480	0.6860	0.7890
	% BODY :	0.14363	0.11362	0.11512	0.12859
	% BRAIN:	43.029	32.207	33.076	34.424
.....					
TESTIS, LEFT	G:	1.9610	1.6445	1.5220	1.9300
	% BODY :	0.34182	0.28836	0.25541	0.31454
	% BRAIN:	102.402	81.735	73.385	84.206
.....					
TESTIS, RIGHT	G:	1.9210	1.6390	1.4900	1.8610
	% BODY :	0.33484	0.28739	0.25004	0.30329
	% BRAIN:	100.313	81.461	71.842	81.195
.....					
THYROID GLANDS	G:	0.0170	0.0180	0.0170	0.0190
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00296	0.00316	0.00285	0.00310
	% BRAIN:	0.888	0.895	0.820	0.829
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER : B29250
DAYS ON TEST : 121
DATE OF NECROPSY : 29-JUL-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

ADRENAL GLANDS G: 0.0480
LEFT : -
RIGHT: -
% BODY : 0.00816
% BRAIN: 2.265
.....

BRAIN G: 2.1190
% BODY : 0.36025
.....

EPIDIDYMIS, LEFT G: 0.8690
% BODY : 0.14774
% BRAIN: 41.010
.....

EPIDIDYMIS, RIGHT G: 0.9750
% BODY : 0.16576
% BRAIN: 46.012
.....

FINAL BODY WEIGHT G: 588.2000
.....

KIDNEYS G: 4.0660
LEFT : -
RIGHT: -
% BODY : 0.69126
% BRAIN: 191.883
.....

LIVER G: 18.8680
% BODY : 3.208
% BRAIN: 890.420
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER : B29250
.....

PITUITARY GLAND G: 0.0140
% BODY : 0.00238
% BRAIN: 0.661
.....

PROSTATE G: 2.1150
% BODY : 0.35957
% BRAIN: 99.811
.....

SEMINAL VESICLE G: 2.0100
% BODY : 0.34172
% BRAIN: 94.856
.....

SPLEEN G: 0.6500
% BODY : 0.11051
% BRAIN: 30.675
.....

TESTIS, LEFT G: 1.5490
% BODY : 0.26335
% BRAIN: 73.101
.....

TESTIS, RIGHT G: 1.5770
% BODY : 0.26811
% BRAIN: 74.422
.....

THYROID GLANDS G: 0.0017
LEFT : -
RIGHT: -
% BODY : 0.00029
% BRAIN: 0.080
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : FEMALE

		B29626	B29627	B29628	B29629
ANIMAL NUMBER	:	B29626	B29627	B29628	B29629
DAYS ON TEST	:	101	122	120	116
DATE OF NECROPSY	:	09-JUL-03	30-JUL-03	28-JUL-03	24-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/+2	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.1170	0.0720	0.0500	0.0610
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.03321	0.02186	0.01471	0.03335
	% BRAIN:	6.145	3.659	2.468	3.068
.....					
BRAIN	G:	1.9040	1.9680	2.0260	1.9880
	% BODY :	0.54045	0.59745	0.59623	1.087
.....					
FINAL BODY WEIGHT	G:	352.3000	329.4000	339.8000	182.9000
.....					
KIDNEYS	G:	2.4030	2.3220	2.0360	2.3010
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.68209	0.70492	0.59918	1.258
	% BRAIN:	126.208	117.988	100.494	115.744
.....					
LIVER	G:	14.7040	15.5290	17.1120	17.8820
	% BODY :	4.174	4.714	5.036	9.777
	% BRAIN:	772.269	789.075	844.620	899.497
.....					
OVARIES	G:	0.2190	0.1840	0.1570	0.1600
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.06216	0.05586	0.04620	0.08748
	% BRAIN:	11.502	9.350	7.749	8.048
.....					
PITUITARY GLAND	G:	0.0190	0.0150	0.0130	0.0170
	% BODY :	0.00539	0.00455	0.00383	0.00929
	% BRAIN:	0.998	0.762	0.642	0.855
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER	:	B29626	B29627	B29628	B29629
.....					
SPLEEN	G:	0.6340	0.7210	0.8780	0.5870
	% BODY :	0.17996	0.21888	0.25839	0.32094
	% BRAIN:	33.298	36.636	43.337	29.527
.....					
THYROID GLANDS	G:	0.0260	0.0150	0.0270	0.0220
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00738	0.00455	0.00795	0.01203
	% BRAIN:	1.366	0.762	1.333	1.107
.....					
UTERUS	G:	0.7910	0.8890	0.4870	0.5940
	% BODY :	0.22452	0.26988	0.14332	0.32477
	% BRAIN:	41.544	45.173	24.038	29.879
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29626

* SPLEEN

VALUE TAKEN BY EXCESS.ANIMAL KILLED PREMATURELY.
CONSEQUENTLY, VALUE EXCLUDED FROM STATISTICAL ANALYSIS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : FEMALE

		B29630	B29631	B29632	B29633
ANIMAL NUMBER	:	B29630	B29631	B29632	B29633
DAYS ON TEST	:	101	101	115	121
DATE OF NECROPSY	:	09-JUL-03	09-JUL-03	23-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0890	0.0870	0.0700	0.0690
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02635	0.02525	0.02182	0.02288
	% BRAIN:	4.559	4.524	3.848	3.560
.....					
BRAIN	G:	1.9520	1.9230	1.8190	1.9380
	% BODY :	0.57803	0.55804	0.56702	0.64257
.....					
FINAL BODY WEIGHT	G:	337.7000	344.6000	320.8000	301.6000
.....					
KIDNEYS	G:	2.4110	2.1650	2.3450	2.3440
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.71395	0.62826	0.73099	0.77719
	% BRAIN:	123.514	112.585	128.917	120.949
.....					
LIVER	G:	12.4750	12.4450	15.2000	13.6030
	% BODY :	3.694	3.611	4.738	4.510
	% BRAIN:	639.088	647.166	835.624	701.909
.....					
OVARIES	G:	0.2250	0.1910	0.1430	0.1810
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.06663	0.05543	0.04458	0.06001
	% BRAIN:	11.527	9.932	7.861	9.340
.....					
PITUITARY GLAND	G:	0.0180	0.0170	0.0130	0.0110
	% BODY :	0.00533	0.00493	0.00405	0.00365
	% BRAIN:	0.922	0.884	0.715	0.568
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29630	B29631	B29632	B29633
.....					
SPLEEN	G:	0.5830	0.5280	0.7770	0.5900
	% BODY :	0.17264	0.15322	0.24221	0.19562
	% BRAIN:	29.867	27.457	42.716	30.444
.....					
THYROID GLANDS	G:	0.0240	0.0180	0.0200	0.0110
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00711	0.00522	0.00623	0.00365
	% BRAIN:	1.230	0.936	1.100	0.568
.....					
UTERUS	G:	0.7770	0.7620	0.3550	0.5400
	% BODY :	0.23009	0.22113	0.11066	0.17905
	% BRAIN:	39.805	39.626	19.516	27.864
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29630
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

ANIMAL NUMBER : B29631
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER	:	B29634	B29635	B29636	B29637
DAYS ON TEST	:	129	116	116	115
DATE OF NECROPSY	:	06-AUG-03	24-JUL-03	24-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0600	0.0630	0.0700	0.0790
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01866	0.02725	0.03248	0.02449
	% BRAIN:	3.061	3.535	3.678	3.938
.....					
BRAIN	G:	1.9600	1.7820	1.9030	2.0060
	% BODY :	0.60964	0.77076	0.88306	0.62182
.....					
FINAL BODY WEIGHT	G:	321.5000	231.2000	215.5000	322.6000
.....					
KIDNEYS	G:	2.2100	2.2100	2.3700	2.3430
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.68740	0.95588	1.100	0.72629
	% BRAIN:	112.755	124.018	124.540	116.800
.....					
LIVER	G:	14.6700	16.7450	16.2260	14.0340
	% BODY :	4.563	7.243	7.529	4.350
	% BRAIN:	748.469	939.675	852.654	699.601
.....					
OVARIES	G:	0.1400	0.1330	0.1330	0.1660
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04355	0.05753	0.06172	0.05146
	% BRAIN:	7.143	7.464	6.989	8.275
.....					
PITUITARY GLAND	G:	0.0100	0.0150	0.0200	0.0180
	% BODY :	0.00311	0.00649	0.00928	0.00558
	% BRAIN:	0.510	0.842	1.051	0.897
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29634	B29635	B29636	B29637
.....					
SPLEEN	G:	0.6600	0.5830	0.5660	0.5830
	% BODY :	0.20529	0.25216	0.26265	0.18072
	% BRAIN:	33.673	32.716	29.743	29.063
.....					
THYROID GLANDS	G:	0.0200	0.0150	0.0220	0.0250
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00622	0.00649	0.01021	0.00775
	% BRAIN:	1.020	0.842	1.156	1.246
.....					
UTERUS	G:	0.4000	0.4760	0.5690	0.4270
	% BODY :	0.12442	0.20588	0.26404	0.13236
	% BRAIN:	20.408	26.712	29.900	21.286
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER	:	B29638	B29639	B29640	B29641
DAYS ON TEST	:	120	115	120	115
DATE OF NECROPSY	:	28-JUL-03	23-JUL-03	28-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0790	0.0560	0.0560	0.0620
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02356	0.01695	0.01697	0.01974
	% BRAIN:	3.984	3.057	2.862	3.147
.....					
BRAIN	G:	1.9830	1.8320	1.9570	1.9700
	% BODY :	0.59141	0.55448	0.59321	0.62719
.....					
FINAL BODY WEIGHT	G:	335.3000	330.4000	329.9000	314.1000
.....					
KIDNEYS	G:	2.3590	1.8450	2.1390	2.0620
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.70355	0.55841	0.64838	0.65648
	% BRAIN:	118.961	100.710	109.300	104.670
.....					
LIVER	G:	16.1520	15.8640	16.0680	14.5260
	% BODY :	4.817	4.801	4.871	4.625
	% BRAIN:	814.523	865.939	821.053	737.360
.....					
OVARIES	G:	0.1720	0.1530	0.1500	0.1870
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05130	0.04631	0.04547	0.05954
	% BRAIN:	8.674	8.352	7.665	9.492
.....					
PITUITARY GLAND	G:	0.0170	0.0150	0.0140	0.0110
	% BODY :	0.00507	0.00454	0.00424	0.00350
	% BRAIN:	0.857	0.819	0.715	0.558
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29638	B29639	B29640	B29641
.....					
SPLEEN	G:	0.7250	0.5210	0.5660	0.5780
	% BODY :	0.21622	0.15769	0.17157	0.18402
	% BRAIN:	36.561	28.439	28.922	29.340
.....					
THYROID GLANDS	G:	0.0170	0.0090	0.0090	0.0160
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00507	0.00272	0.00273	0.00509
	% BRAIN:	0.857	0.491	0.460	0.812
.....					
UTERUS	G:	1.2450	0.4510	0.7500	0.4110
	% BODY :	0.37131	0.13650	0.22734	0.13085
	% BRAIN:	62.784	24.618	38.324	20.863
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER	:	B29642	B29643	B29644	B29645
DAYS ON TEST	:	121	120	116	99
DATE OF NECROPSY	:	29-JUL-03	28-JUL-03	24-JUL-03	07-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0600	0.0610	0.0690	0.0830
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01865	0.01790	0.02809	0.02599
	% BRAIN:	3.207	3.231	3.643	4.095
.....					
BRAIN	G:	1.8710	1.8880	1.8940	2.0270
	% BODY :	0.58160	0.55399	0.77117	0.63483
.....					
FINAL BODY WEIGHT	G:	321.7000	340.8000	245.6000	319.3000
.....					
KIDNEYS	G:	2.2010	2.4040	2.1800	2.0520
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.68418	0.70540	0.88762	0.64266
	% BRAIN:	117.638	127.331	115.100	101.233
.....					
LIVER	G:	14.2160	15.8380	14.1470	10.3260
	% BODY :	4.419	4.647	5.760	3.234
	% BRAIN:	759.808	838.877	746.938	509.423
.....					
OVARIES	G:	0.1450	0.1590	0.1670	0.1890
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04507	0.04665	0.06800	0.05919
	% BRAIN:	7.750	8.422	8.817	9.324
.....					
PITUITARY GLAND	G:	0.0120	0.0190	0.0180	0.0150
	% BODY :	0.00373	0.00558	0.00733	0.00470
	% BRAIN:	0.641	1.006	0.950	0.740
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29642	B29643	B29644	B29645
.....					
SPLEEN	G:	0.6140	0.7710	0.5130	0.5900
	% BODY :	0.19086	0.22623	0.20888	0.18478
	% BRAIN:	32.817	40.837	27.086	29.107
.....					
THYROID GLANDS	G:	0.0150	0.0160	0.0210	0.0160
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00466	0.00469	0.00855	0.00501
	% BRAIN:	0.802	0.847	1.109	0.789
.....					
UTERUS	G:	0.3810	0.8670	0.3790	0.6120
	% BODY :	0.11843	0.25440	0.15432	0.19167
	% BRAIN:	20.363	45.922	20.011	30.192
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29645

* UTERUS

FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
 SEX : FEMALE

		B29646	B29647	B29648	B29649
ANIMAL NUMBER	:	B29646	B29647	B29648	B29649
DAYS ON TEST	:	122	107	116	120
DATE OF NECROPSY	:	30-JUL-03	15-JUL-03	24-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0620	0.0450	0.0650	0.0610
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02039	0.01353	0.03666	0.02262
	% BRAIN:	3.301	2.390	3.497	3.229
.....					
BRAIN	G:	1.8780	1.8830	1.8590	1.8890
	% BODY :	0.61756	0.56615	1.049	0.70041
.....					
FINAL BODY WEIGHT	G:	304.1000	332.6000	177.3000	269.7000
.....					
KIDNEYS	G:	2.1380	2.3550	2.3590	1.8880
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.70306	0.70806	1.331	0.70004
	% BRAIN:	113.845	125.066	126.896	99.947
.....					
LIVER	G:	13.3430	13.5220	15.8820	11.8220
	% BODY :	4.388	4.066	8.958	4.383
	% BRAIN:	710.490	718.109	854.330	625.834
.....					
OVARIES	G:	0.2430	0.1550	0.1730	0.1320
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.07991	0.04660	0.09757	0.04894
	% BRAIN:	12.939	8.232	9.306	6.988
.....					
PITUITARY GLAND	G:	0.0160	0.0190	0.0140	0.0110
	% BODY :	0.00526	0.00571	0.00790	0.00408
	% BRAIN:	0.852	1.009	0.753	0.582
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER	:	B29646	B29647	B29648	B29649
SPLEEN	G:	0.7180	0.6290	0.7130	0.5710
	% BODY :	0.23611	0.18912	0.40214	0.21172
	% BRAIN:	38.232	33.404	38.354	30.228
THYROID GLANDS	G:	0.0190	0.0200	0.0170	0.0120
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00625	0.00601	0.00959	0.00445
	% BRAIN:	1.012	1.062	0.914	0.635
UTERUS	G:	0.6810	0.6730	0.5780	0.8430
	% BODY :	0.22394	0.20235	0.32600	0.31257
	% BRAIN:	36.262	35.741	31.092	44.627

WEIGHT COMMENTS

ANIMAL NUMBER : B29647

* UTERUS

FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER : B29650
DAYS ON TEST : 115
DATE OF NECROPSY : 23-JUL-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

ADRENAL GLANDS G: 0.0540
LEFT : -
RIGHT: -
% BODY : 0.01612
% BRAIN: 2.850
.....

BRAIN G: 1.8950
% BODY : 0.56567
.....

FINAL BODY WEIGHT G: 335.0000
.....

KIDNEYS G: 2.3590
LEFT : -
RIGHT: -
% BODY : 0.70418
% BRAIN: 124.485
.....

LIVER G: 16.4330
% BODY : 4.905
% BRAIN: 867.177
.....

OVARIES G: 0.1660
LEFT : -
RIGHT: -
% BODY : 0.04955
% BRAIN: 8.760
.....

PITUITARY GLAND G: 0.0140
% BODY : 0.00418
% BRAIN: 0.739
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 2, 250mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER : B29650
.....

SPLEEN G: 0.5980
% BODY : 0.17851
% BRAIN: 31.557
.....

THYROID GLANDS G: 0.0140
LEFT : -
RIGHT: -
% BODY : 0.00418
% BRAIN: 0.739
.....

UTERUS G: 0.4060
% BODY : 0.12119
% BRAIN: 21.425
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

		B29251	B29252	B29253	B29254
ANIMAL NUMBER	:	B29251	B29252	B29253	B29254
DAYS ON TEST	:	117	117	117	117
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	25-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0550	0.0670	0.0570	0.0640
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00967	0.01220	0.01011	0.00964
	% BRAIN:	2.604	3.417	2.718	3.064
.....					
BRAIN	G:	2.1120	1.9610	2.0970	2.0890
	% BODY :	0.37131	0.35706	0.37187	0.31475
.....					
EPIDIDYMIS, LEFT	G:	0.7540	0.6580	0.7750	0.7100
	% BODY :	0.13256	0.11981	0.13744	0.10698
	% BRAIN:	35.701	33.554	36.958	33.988
.....					
EPIDIDYMIS, RIGHT	G:	0.8770	0.7670	0.7880	0.7030
	% BODY :	0.15418	0.13966	0.13974	0.10592
	% BRAIN:	41.525	39.113	37.577	33.652
.....					
FINAL BODY WEIGHT	G:	568.8000	549.2000	563.9000	663.7000
.....					
KIDNEYS	G:	4.6880	3.3490	4.8490	5.5760
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.82419	0.60980	0.85990	0.84014
	% BRAIN:	221.970	170.780	231.235	266.922
.....					
LIVER	G:	19.3910	16.9450	19.9430	24.9040
	% BODY :	3.409	3.085	3.537	3.752
	% BRAIN:	918.134	864.100	951.025	1192.149
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29251	B29252	B29253	B29254
.....					
PITUITARY GLAND	G:	0.0120	0.0140	0.0150	0.0130
	% BODY :	0.00211	0.00255	0.00266	0.00196
	% BRAIN:	0.568	0.714	0.715	0.622
.....					
PROSTATE	G:	1.0960	0.9670	1.6150	1.6770
	% BODY :	0.19269	0.17607	0.28640	0.25267
	% BRAIN:	51.894	49.312	77.015	80.278
.....					
SEMINAL VESICLE	G:	2.6710	1.6400	2.7700	2.1600
	% BODY :	0.46959	0.29862	0.49122	0.32545
	% BRAIN:	126.468	83.631	132.093	103.399
.....					
SPLEEN	G:	0.7750	0.7670	0.7470	0.9090
	% BODY :	0.13625	0.13966	0.13247	0.13696
	% BRAIN:	36.695	39.113	35.622	43.514
.....					
TESTIS, LEFT	G:	1.8490	1.7390	1.7600	1.5810
	% BODY :	0.32507	0.31664	0.31211	0.23821
	% BRAIN:	87.547	88.679	83.929	75.682
.....					
TESTIS, RIGHT	G:	1.8620	1.7730	1.8180	1.5590
	% BODY :	0.32736	0.32283	0.32240	0.23490
	% BRAIN:	88.163	90.413	86.695	74.629
.....					
THYROID GLANDS	G:	0.0160	0.0180	0.0190	0.0190
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00281	0.00328	0.00337	0.00286
	% BRAIN:	0.758	0.918	0.906	0.910
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
 SEX : MALE

		B29255	B29256	B29257	B29258
ANIMAL NUMBER	:	B29255	B29256	B29257	B29258
DAYS ON TEST	:	117	117	117	117
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	25-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0650	0.0530	0.0750	0.0540
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01057	0.00990	0.01232	0.00984
	% BRAIN:	3.122	2.521	3.609	2.538
.....					
BRAIN	G:	2.0820	2.1020	2.0780	2.1280
	% BODY :	0.33848	0.39253	0.34138	0.38768
.....					
EPIDIDYMIS, LEFT	G:	0.7430	0.8560	0.7500	0.8210
	% BODY :	0.12079	0.15985	0.12321	0.14957
	% BRAIN:	35.687	40.723	36.092	38.581
.....					
EPIDIDYMIS, RIGHT	G:	0.8010	0.8350	0.8000	0.8470
	% BODY :	0.13022	0.15593	0.13143	0.15431
	% BRAIN:	38.473	39.724	38.499	39.803
.....					
FINAL BODY WEIGHT	G:	615.1000	535.5000	608.7000	548.9000
.....					
KIDNEYS	G:	4.1020	3.6070	3.7300	3.6110
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.66688	0.67358	0.61278	0.65786
	% BRAIN:	197.022	171.598	179.500	169.690
.....					
LIVER	G:	21.1220	19.2070	20.7340	18.0690
	% BODY :	3.434	3.587	3.406	3.292
	% BRAIN:	1014.505	913.749	997.786	849.107
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29255	B29256	B29257	B29258
.....					
PITUITARY GLAND	G:	0.0130	0.0130	0.0100	0.0100
	% BODY :	0.00211	0.00243	0.00164	0.00182
	% BRAIN:	0.624	0.618	0.481	0.470
.....					
PROSTATE	G:	1.4570	1.3570	1.5720	1.7700
	% BODY :	0.23687	0.25341	0.25826	0.32246
	% BRAIN:	69.981	64.558	75.650	83.177
.....					
SEMINAL VESICLE	G:	2.5260	1.6900	2.0520	2.0160
	% BODY :	0.41066	0.31559	0.33711	0.36728
	% BRAIN:	121.326	80.400	98.749	94.737
.....					
SPLEEN	G:	0.5960	0.8530	0.7970	0.5870
	% BODY :	0.09689	0.15929	0.13093	0.10694
	% BRAIN:	28.626	40.580	38.354	27.585
.....					
TESTIS, LEFT	G:	1.8450	1.9840	1.7290	1.9110
	% BODY :	0.29995	0.37049	0.28405	0.34815
	% BRAIN:	88.617	94.386	83.205	89.803
.....					
TESTIS, RIGHT	G:	1.8280	1.9130	1.8310	1.8360
	% BODY :	0.29719	0.35724	0.30080	0.33449
	% BRAIN:	87.800	91.009	88.114	86.278
.....					
THYROID GLANDS	G:	0.0160	0.0240	0.0200	0.0230
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00260	0.00448	0.00329	0.00419
	% BRAIN:	0.768	1.142	0.962	1.081
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

		B29259	B29260	B29261	B29262
ANIMAL NUMBER	:	B29259	B29260	B29261	B29262
DAYS ON TEST	:	117	117	120	120
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0610	0.0540	0.0520	0.0570
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01077	0.00863	0.00804	0.00940
	% BRAIN:	2.737	2.477	2.588	2.911
.....					
BRAIN	G:	2.2290	2.1800	2.0090	1.9580
	% BODY :	0.39368	0.34835	0.31080	0.32294
.....					
EPIDIDYMIS, LEFT	G:	0.7860	0.7790	0.7570	0.8600
	% BODY :	0.13882	0.12448	0.11711	0.14184
	% BRAIN:	35.262	35.734	37.680	43.922
.....					
EPIDIDYMIS, RIGHT	G:	0.6820	0.8490	0.7650	0.7640
	% BODY :	0.12045	0.13567	0.11835	0.12601
	% BRAIN:	30.597	38.945	38.079	39.019
.....					
FINAL BODY WEIGHT	G:	566.2000	625.8000	646.4000	606.3000
.....					
KIDNEYS	G:	3.7870	3.6380	5.2540	4.4000
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.66884	0.58134	0.81281	0.72571
	% BRAIN:	169.897	166.881	261.523	224.719
.....					
LIVER	G:	17.3360	21.7140	24.5810	24.5000
	% BODY :	3.062	3.470	3.803	4.041
	% BRAIN:	777.748	996.055	1223.544	1251.277
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29259	B29260	B29261	B29262
.....					
PITUITARY GLAND	G:	0.0130	0.0090	0.0140	0.0160
	% BODY :	0.00230	0.00144	0.00217	0.00264
	% BRAIN:	0.583	0.413	0.697	0.817
.....					
PROSTATE	G:	1.5450	1.1910	0.9070	1.1570
	% BODY :	0.27287	0.19032	0.14032	0.19083
	% BRAIN:	69.314	54.633	45.147	59.091
.....					
SEMINAL VESICLE	G:	2.1860	2.4180	2.9750	2.6420
	% BODY :	0.38608	0.38639	0.46024	0.43576
	% BRAIN:	98.071	110.917	148.084	134.934
.....					
SPLEEN	G:	0.7440	0.6970	0.7700	1.0250
	% BODY :	0.13140	0.11138	0.11912	0.16906
	% BRAIN:	33.378	31.972	38.328	52.349
.....					
TESTIS, LEFT	G:	1.5970	1.9550	1.7870	2.0470
	% BODY :	0.28206	0.31240	0.27645	0.33762
	% BRAIN:	71.646	89.679	88.950	104.545
.....					
TESTIS, RIGHT	G:	1.5520	1.8610	1.7680	1.9590
	% BODY :	0.27411	0.29738	0.27351	0.32311
	% BRAIN:	69.628	85.367	88.004	100.051
.....					
THYROID GLANDS	G:	0.0260	0.0180	0.0320	0.0260
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00459	0.00288	0.00495	0.00429
	% BRAIN:	1.166	0.826	1.593	1.328
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

		B29263	B29264	B29265	B29266
ANIMAL NUMBER	:	B29263	B29264	B29265	B29266
DAYS ON TEST	:	120	120	120	120
DATE OF NECROPSY	:	28-JUL-03	28-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0590	0.0620	0.0410	0.0470
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00906	0.01058	0.00739	0.01020
	% BRAIN:	2.678	2.792	2.007	2.383
.....					
BRAIN	G:	2.2030	2.2210	2.0430	1.9720
	% BODY :	0.33845	0.37895	0.36804	0.42814
.....					
EPIDIDYMIS, LEFT	G:	0.6950	0.8750	0.6610	0.7490
	% BODY :	0.10678	0.14929	0.11908	0.16261
	% BRAIN:	31.548	39.397	32.354	37.982
.....					
EPIDIDYMIS, RIGHT	G:	0.7980	0.8180	0.6370	0.8050
	% BODY :	0.12260	0.13957	0.11475	0.17477
	% BRAIN:	36.223	36.830	31.180	40.822
.....					
FINAL BODY WEIGHT	G:	650.9000	586.1000	555.1000	460.6000
.....					
KIDNEYS	G:	4.5770	4.6040	3.9550	3.3990
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.70318	0.78553	0.71248	0.73795
	% BRAIN:	207.762	207.294	193.588	172.363
.....					
LIVER	G:	20.9730	22.9230	19.2200	13.5400
	% BODY :	3.222	3.911	3.462	2.940
	% BRAIN:	952.020	1032.103	940.773	686.613
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29263	B29264	B29265	B29266
.....					
PITUITARY GLAND	G:	0.0140	0.0130	0.0120	0.0100
	% BODY :	0.00215	0.00222	0.00216	0.00217
	% BRAIN:	0.635	0.585	0.587	0.507
.....					
PROSTATE	G:	1.3170	1.5440	1.0380	1.2690
	% BODY :	0.20234	0.26344	0.18699	0.27551
	% BRAIN:	59.782	69.518	50.808	64.351
.....					
SEMINAL VESICLE	G:	2.5410	2.6300	2.1130	2.1140
	% BODY :	0.39038	0.44873	0.38065	0.45897
	% BRAIN:	115.343	118.415	103.426	107.201
.....					
SPLEEN	G:	0.7550	1.1080	0.5920	0.7760
	% BODY :	0.11599	0.18905	0.10665	0.16848
	% BRAIN:	34.271	49.887	28.977	39.351
.....					
TESTIS, LEFT	G:	1.8250	1.8660	1.5400	1.7790
	% BODY :	0.28038	0.31838	0.27743	0.38624
	% BRAIN:	82.842	84.016	75.379	90.213
.....					
TESTIS, RIGHT	G:	1.8270	1.8850	1.5540	1.8120
	% BODY :	0.28069	0.32162	0.27995	0.39340
	% BRAIN:	82.932	84.872	76.065	91.886
.....					
THYROID GLANDS	G:	0.0260	0.0230	0.0220	0.0200
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00399	0.00392	0.00396	0.00434
	% BRAIN:	1.180	1.036	1.077	1.014
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

		B29267	B29268	B29269	B29270
ANIMAL NUMBER	:	B29267	B29268	B29269	B29270
DAYS ON TEST	:	120	120	120	120
DATE OF NECROPSY	:	28-JUL-03	28-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0540	0.0590	0.0640	0.0600
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00963	0.00927	0.01123	0.00992
	% BRAIN:	2.630	2.770	3.122	2.797
.....					
BRAIN	G:	2.0530	2.1300	2.0500	2.1450
	% BODY :	0.36608	0.33470	0.35965	0.35472
.....					
EPIDIDYMIS, LEFT	G:	0.7530	0.8540	0.7830	0.8610
	% BODY :	0.13427	0.13419	0.13737	0.14238
	% BRAIN:	36.678	40.094	38.195	40.140
.....					
EPIDIDYMIS, RIGHT	G:	0.8170	0.8260	0.7310	0.8240
	% BODY :	0.14568	0.12979	0.12825	0.13627
	% BRAIN:	39.795	38.779	35.659	38.415
.....					
FINAL BODY WEIGHT	G:	560.8000	636.4000	570.0000	604.7000
.....					
KIDNEYS	G:	4.0430	4.2070	3.3930	4.1170
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.72093	0.66106	0.59526	0.68083
	% BRAIN:	196.931	197.512	165.512	191.935
.....					
LIVER	G:	19.3740	22.9640	17.8530	20.4060
	% BODY :	3.455	3.608	3.132	3.375
	% BRAIN:	943.692	1078.122	870.878	951.329
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29267	B29268	B29269	B29270
.....					
PITUITARY GLAND	G:	0.0120	0.0120	0.0100	0.0120
	% BODY :	0.00214	0.00189	0.00175	0.00198
	% BRAIN:	0.585	0.563	0.488	0.559
.....					
PROSTATE	G:	1.2520	1.0440	1.3190	1.3470
	% BODY :	0.22325	0.16405	0.23140	0.22276
	% BRAIN:	60.984	49.014	64.341	62.797
.....					
SEMINAL VESICLE	G:	2.7490	1.5550	2.5770	2.1380
	% BODY :	0.49019	0.24434	0.45211	0.35356
	% BRAIN:	133.902	73.005	125.707	99.674
.....					
SPLEEN	G:	0.8450	0.9480	0.7900	0.7180
	% BODY :	0.15068	0.14896	0.13860	0.11874
	% BRAIN:	41.159	44.507	38.537	33.473
.....					
TESTIS, LEFT	G:	1.7360	1.8980	1.7770	1.8440
	% BODY :	0.30956	0.29824	0.31175	0.30494
	% BRAIN:	84.559	89.108	86.683	85.967
.....					
TESTIS, RIGHT	G:	1.7040	1.8930	1.6350	1.8400
	% BODY :	0.30385	0.29745	0.28684	0.30428
	% BRAIN:	83.000	88.873	79.756	85.781
.....					
THYROID GLANDS	G:	0.0250	0.0280	0.0230	0.0200
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00446	0.00440	0.00404	0.00331
	% BRAIN:	1.218	1.315	1.122	0.932
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

		B29271	B29272	B29273	B29274
ANIMAL NUMBER	:	B29271	B29272	B29273	B29274
DAYS ON TEST	:	121	121	121	121
DATE OF NECROPSY	:	29-JUL-03	29-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0730	0.0690	0.0550	0.0490
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01432	0.00996	0.00902	0.00966
	% BRAIN:	3.838	3.183	2.593	2.517
.....					
BRAIN	G:	1.9020	2.1680	2.1210	1.9470
	% BODY :	0.37309	0.31298	0.34793	0.38372
.....					
EPIDIDYMIS, LEFT	G:	0.8070	0.8070	0.8810	0.6630
	% BODY :	0.15830	0.11650	0.14452	0.13067
	% BRAIN:	42.429	37.223	41.537	34.052
.....					
EPIDIDYMIS, RIGHT	G:	0.6970	0.7690	0.7630	0.6580
	% BODY :	0.13672	0.11101	0.12516	0.12968
	% BRAIN:	36.646	35.470	35.974	33.796
.....					
FINAL BODY WEIGHT	G:	509.8000	692.7000	609.6000	507.4000
.....					
KIDNEYS	G:	3.3700	5.1580	3.9380	3.7260
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.66104	0.74462	0.64600	0.73433
	% BRAIN:	177.182	237.915	185.667	191.371
.....					
LIVER	G:	16.3900	22.8720	19.1900	17.2780
	% BODY :	3.215	3.302	3.148	3.405
	% BRAIN:	861.725	1054.982	904.762	887.417
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29271	B29272	B29273	B29274
.....					
PITUITARY GLAND	G:	0.0100	0.0140	0.0100	0.0210
	% BODY :	0.00196	0.00202	0.00164	0.00414
	% BRAIN:	0.526	0.646	0.471	1.079
.....					
PROSTATE	G:	1.5520	1.5740	1.7360	0.9530
	% BODY :	0.30443	0.22723	0.28478	0.18782
	% BRAIN:	81.598	72.601	81.848	48.947
.....					
SEMINAL VESICLE	G:	1.6280	1.8700	1.8140	1.7190
	% BODY :	0.31934	0.26996	0.29757	0.33879
	% BRAIN:	85.594	86.255	85.526	88.290
.....					
SPLEEN	G:	0.6220	0.6540	0.7430	0.6220
	% BODY :	0.12201	0.09441	0.12188	0.12259
	% BRAIN:	32.702	30.166	35.031	31.947
.....					
TESTIS, LEFT	G:	1.4770	1.7650	1.8650	1.5610
	% BODY :	0.28972	0.25480	0.30594	0.30765
	% BRAIN:	77.655	81.411	87.930	80.175
.....					
TESTIS, RIGHT	G:	1.5390	1.6440	1.7600	1.5480
	% BODY :	0.30188	0.23733	0.28871	0.30508
	% BRAIN:	80.915	75.830	82.980	79.507
.....					
THYROID GLANDS	G:	0.0220	0.0250	0.0250	0.0210
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00432	0.00361	0.00410	0.00414
	% BRAIN:	1.157	1.153	1.179	1.079
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER : B29275
DAYS ON TEST : 121
DATE OF NECROPSY : 29-JUL-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

ADRENAL GLANDS G: 0.0760
LEFT : -
RIGHT: -
% BODY : 0.01412
% BRAIN: 3.677
.....

BRAIN G: 2.0670
% BODY : 0.38392
.....

EPIDIDYMIS, LEFT G: 0.8080
% BODY : 0.15007
% BRAIN: 39.090
.....

EPIDIDYMIS, RIGHT G: 0.7520
% BODY : 0.13967
% BRAIN: 36.381
.....

FINAL BODY WEIGHT G: 538.4000
.....

KIDNEYS G: 3.9040
LEFT : -
RIGHT: -
% BODY : 0.72511
% BRAIN: 188.873
.....

LIVER G: 17.9220
% BODY : 3.329
% BRAIN: 867.054
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER : B29275
.....

PITUITARY GLAND G: 0.0120
% BODY : 0.00223
% BRAIN: 0.581
.....

PROSTATE G: 1.9750
% BODY : 0.36683
% BRAIN: 95.549
.....

SEMINAL VESICLE G: 1.4820
% BODY : 0.27526
% BRAIN: 71.698
.....

SPLEEN G: 0.7000
% BODY : 0.13001
% BRAIN: 33.866
.....

TESTIS, LEFT G: 1.7750
% BODY : 0.32968
% BRAIN: 85.873
.....

TESTIS, RIGHT G: 1.6900
% BODY : 0.31389
% BRAIN: 81.761
.....

THYROID GLANDS G: 0.0200
LEFT : -
RIGHT: -
% BODY : 0.00371
% BRAIN: 0.968
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : FEMALE

		B29651	B29652	B29653	B29654
ANIMAL NUMBER	:	B29651	B29652	B29653	B29654
DAYS ON TEST	:	121	122	115	116
DATE OF NECROPSY	:	29-JUL-03	30-JUL-03	23-JUL-03	24-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0770	0.0730	0.0670	0.0520
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02473	0.02269	0.02124	0.02252
	% BRAIN:	4.238	3.668	3.482	2.570
.....					
BRAIN	G:	1.8170	1.9900	1.9240	2.0230
	% BODY :	0.58349	0.61859	0.61002	0.87614
.....					
FINAL BODY WEIGHT	G:	311.4000	321.7000	315.4000	230.9000
.....					
KIDNEYS	G:	2.2970	2.2500	2.3450	2.4680
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.73764	0.69941	0.74350	1.069
	% BRAIN:	126.417	113.065	121.881	121.997
.....					
LIVER	G:	13.7700	15.6510	15.4580	17.1420
	% BODY :	4.422	4.865	4.901	7.424
	% BRAIN:	757.843	786.482	803.430	847.355
.....					
OVARIES	G:	0.2240	0.1690	0.1410	0.1270
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.07193	0.05253	0.04471	0.05500
	% BRAIN:	12.328	8.492	7.328	6.278
.....					
PITUITARY GLAND	G:	0.0130	0.0060	0.0120	0.0190
	% BODY :	0.00417	0.00187	0.00380	0.00823
	% BRAIN:	0.715	0.302	0.624	0.939
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29651	B29652	B29653	B29654
.....					
SPLEEN	G:	0.6150	0.5440	0.9350	0.6960
	% BODY :	0.19750	0.16910	0.29645	0.30143
	% BRAIN:	33.847	27.337	48.597	34.404
.....					
THYROID GLANDS	G:	0.0210	0.0180	0.0210	0.0190
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00674	0.00560	0.00666	0.00823
	% BRAIN:	1.156	0.905	1.091	0.939
.....					
UTERUS	G:	0.7320	0.4990	0.3690	0.5780
	% BODY :	0.23507	0.15511	0.11699	0.25032
	% BRAIN:	40.286	25.075	19.179	28.571
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER	:	B29655	B29656	B29657	B29658
DAYS ON TEST	:	116	99	116	120
DATE OF NECROPSY	:	24-JUL-03	07-JUL-03	24-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0530	0.0730	0.0630	0.0760
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02067	0.02177	0.01984	0.02222
	% BRAIN:	2.690	3.443	3.561	3.695
.....					
BRAIN	G:	1.9700	2.1200	1.7690	2.0570
	% BODY :	0.76833	0.63208	0.55717	0.60129
.....					
FINAL BODY WEIGHT	G:	256.4000	335.4000	317.5000	342.1000
.....					
KIDNEYS	G:	1.9340	2.2460	2.2390	2.8210
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.75429	0.66965	0.70520	0.82461
	% BRAIN:	98.173	105.943	126.569	137.141
.....					
LIVER	G:	14.6440	11.1860	13.6310	17.7530
	% BODY :	5.711	3.335	4.293	5.189
	% BRAIN:	743.350	527.642	770.548	863.053
.....					
OVARIES	G:	0.1660	0.1740	0.1690	0.1790
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.06474	0.05188	0.05323	0.05232
	% BRAIN:	8.426	8.208	9.553	8.702
.....					
PITUITARY GLAND	G:	0.0150	0.0190	0.0130	0.0150
	% BODY :	0.00585	0.00566	0.00409	0.00438
	% BRAIN:	0.761	0.896	0.735	0.729
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER	:	B29655	B29656	B29657	B29658
SPLEEN	G:	0.6020	0.5580	0.6400	0.6960
	% BODY :	0.23479	0.16637	0.20157	0.20345
	% BRAIN:	30.558	26.321	36.179	33.836
THYROID GLANDS	G:	0.0150	0.0190	0.0170	0.0140
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00585	0.00566	0.00535	0.00409
	% BRAIN:	0.761	0.896	0.961	0.681
UTERUS	G:	0.3800	0.5540	0.3410	0.3850
	% BODY :	0.14821	0.16518	0.10740	0.11254
	% BRAIN:	19.289	26.132	19.276	18.717

WEIGHT COMMENTS

ANIMAL NUMBER : B29656

* UTERUS

FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : FEMALE

		B29659	B29660	B29661	B29662
ANIMAL NUMBER	:	B29659	B29660	B29661	B29662
DAYS ON TEST	:	122	116	103	127
DATE OF NECROPSY	:	30-JUL-03	24-JUL-03	11-JUL-03	04-AUG-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/+2	K0/K0
.....					
ADRENAL GLANDS	G:	0.0720	0.0630	-	0.0740
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02086	0.03551		0.02326
	% BRAIN:	3.738	3.163		3.719
.....					
BRAIN	G:	1.9260	1.9920	-	1.9900
	% BODY :	0.55794	1.123		0.62559
.....					
FINAL BODY WEIGHT	G:	345.2000	177.4000	-	318.1000
.....					
KIDNEYS	G:	2.3580	2.3340	-	2.2590
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.68308	1.316		0.71015
	% BRAIN:	122.430	117.169		113.518
.....					
LIVER	G:	16.1250	18.0600	-	16.3950
	% BODY :	4.671	10.180		5.154
	% BRAIN:	837.227	906.627		823.869
.....					
OVARIES	G:	0.1790	0.1540	-	0.1890
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05185	0.08681		0.05942
	% BRAIN:	9.294	7.731		9.497
.....					
PITUITARY GLAND	G:	0.0130	0.0130	-	0.0170
	% BODY :	0.00377	0.00733		0.00534
	% BRAIN:	0.675	0.653		0.854
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29659	B29660	B29661	B29662
.....					
SPLEEN	G:	0.5900	0.6970	-	0.6640
	% BODY :	0.17092	0.39290		0.20874
	% BRAIN:	30.633	34.990		33.367
.....					
THYROID GLANDS	G:	0.0140	0.0130	-	0.0260
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00406	0.00733		0.00817
	% BRAIN:	0.727	0.653		1.307
.....					
UTERUS	G:	0.4360	0.4830	-	0.5710
	% BODY :	0.12630	0.27227		0.17950
	% BRAIN:	22.638	24.247		28.693
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER	:	B29663	B29664	B29665	B29666
DAYS ON TEST	:	121	116	115	99
DATE OF NECROPSY	:	29-JUL-03	24-JUL-03	23-JUL-03	07-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0920	0.0720	0.0800	0.0860
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.03001	0.02085	0.02115	0.02534
	% BRAIN:	4.730	3.587	3.962	4.304
.....					
BRAIN	G:	1.9450	2.0070	2.0190	1.9980
	% BODY :	0.63438	0.58123	0.53384	0.58869
.....					
FINAL BODY WEIGHT	G:	306.6000	345.3000	378.2000	339.4000
.....					
KIDNEYS	G:	2.1770	2.2540	2.3320	2.6840
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.71005	0.65277	0.61660	0.79081
	% BRAIN:	111.928	112.307	115.503	134.334
.....					
LIVER	G:	14.8240	17.5080	16.6680	14.3860
	% BODY :	4.835	5.070	4.407	4.239
	% BRAIN:	762.159	872.347	825.557	720.020
.....					
OVARIES	G:	0.1560	0.1680	0.1760	0.1470
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05088	0.04865	0.04654	0.04331
	% BRAIN:	8.021	8.371	8.717	7.357
.....					
PITUITARY GLAND	G:	0.0200	0.0160	0.0140	0.0280
	% BODY :	0.00652	0.00463	0.00370	0.00825
	% BRAIN:	1.028	0.797	0.693	1.401
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29663	B29664	B29665	B29666
.....					
SPLEEN	G:	0.5450	0.6110	0.6860	0.5600
	% BODY :	0.17776	0.17695	0.18139	0.16500
	% BRAIN:	28.021	30.443	33.977	28.028
.....					
THYROID GLANDS	G:	0.0200	0.0130	0.0170	0.0280
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00652	0.00376	0.00449	0.00825
	% BRAIN:	1.028	0.648	0.842	1.401
.....					
UTERUS	G:	0.4950	0.3570	0.5870	0.6770
	% BODY :	0.16145	0.10339	0.15521	0.19947
	% BRAIN:	25.450	17.788	29.074	33.884
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29666

* UTERUS

FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : FEMALE

		B29667	B29668	B29669	B29670
ANIMAL NUMBER	:	B29667	B29668	B29669	B29670
DAYS ON TEST	:	122	96	115	117
DATE OF NECROPSY	:	30-JUL-03	04-JUL-03	23-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/+2	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0770	-	0.0710	0.0700
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02130		0.02037	0.02132
	% BRAIN:	3.729		3.675	3.599
.....					
BRAIN	G:	2.0650	-	1.9320	1.9450
	% BODY :	0.57123		0.55422	0.59227
.....					
FINAL BODY WEIGHT	G:	361.5000	-	348.6000	328.4000
.....					
KIDNEYS	G:	2.1190	-	2.5980	2.1790
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.58617		0.74527	0.66352
	% BRAIN:	102.615		134.472	112.031
.....					
LIVER	G:	17.1830	-	17.3950	16.0960
	% BODY :	4.753		4.990	4.901
	% BRAIN:	832.107		900.362	827.558
.....					
OVARIES	G:	0.1930	-	0.1470	0.1670
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05339		0.04217	0.05085
	% BRAIN:	9.346		7.609	8.586
.....					
PITUITARY GLAND	G:	0.0190	-	0.0140	0.0150
	% BODY :	0.00526		0.00402	0.00457
	% BRAIN:	0.920		0.725	0.771
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29667	B29668	B29669	B29670
.....					
SPLEEN	G:	0.7950	-	0.6110	0.7090
	% BODY :	0.21992		0.17527	0.21590
	% BRAIN:	38.499		31.625	36.452
.....					
THYROID GLANDS	G:	0.0210	-	0.0080	0.0160
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00581		0.00229	0.00487
	% BRAIN:	1.017		0.414	0.823
.....					
UTERUS	G:	0.4360	-	0.5900	0.4310
	% BODY :	0.12061		0.16925	0.13124
	% BRAIN:	21.114		30.538	22.159
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : FEMALE

		B29671	B29672	B29673	B29674
ANIMAL NUMBER	:	B29671	B29672	B29673	B29674
DAYS ON TEST	:	120	117	99	115
DATE OF NECROPSY	:	28-JUL-03	25-JUL-03	07-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0650	0.0530	0.0960	0.0670
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02147	0.01792	0.02767	0.02065
	% BRAIN:	3.421	2.801	4.883	3.545
.....					
BRAIN	G:	1.9000	1.8920	1.9660	1.8900
	% BODY :	0.62768	0.63984	0.56673	0.58243
.....					
FINAL BODY WEIGHT	G:	302.7000	295.7000	346.9000	324.5000
.....					
KIDNEYS	G:	2.0380	2.1190	2.0960	2.2520
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.67327	0.71660	0.60421	0.69399
	% BRAIN:	107.263	111.998	106.612	119.153
.....					
LIVER	G:	12.1710	14.5380	11.9430	16.2330
	% BODY :	4.021	4.916	3.443	5.002
	% BRAIN:	640.579	768.393	607.477	858.889
.....					
OVARIES	G:	0.1920	0.1460	0.1420	0.1650
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.06343	0.04937	0.04093	0.05085
	% BRAIN:	10.105	7.717	7.223	8.730
.....					
PITUITARY GLAND	G:	0.0140	0.0140	0.0220	0.0230
	% BODY :	0.00463	0.00473	0.00634	0.00709
	% BRAIN:	0.737	0.740	1.119	1.217
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29671	B29672	B29673	B29674
.....					
SPLEEN	G:	0.0140	0.5630	0.5700	0.6510
	% BODY :	0.00463	0.19040	0.16431	0.20062
	% BRAIN:	0.737	29.757	28.993	34.444
.....					
THYROID GLANDS	G:	0.0170	0.0190	0.0230	0.0130
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00562	0.00643	0.00663	0.00401
	% BRAIN:	0.895	1.004	1.170	0.688
.....					
UTERUS	G:	0.5650	0.4920	0.6830	0.4540
	% BODY :	0.18665	0.16638	0.19689	0.13991
	% BRAIN:	29.737	26.004	34.741	24.021
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29671

* SPLEEN

ABERRANT VALUE, RELATIVE WEIGHT IS NOT CORRECT,
 CONSEQUENTLY EXCLUDED

ANIMAL NUMBER : B29673

* UTERUS

FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER : B29675
DAYS ON TEST : 96
DATE OF NECROPSY : 04-JUL-03
DEFND./ACTUAL NECR.STATE: K0/+2
.....

ADRENAL GLANDS G: -
LEFT : -
RIGHT: -
% BODY :
% BRAIN:
.....

BRAIN G: -
% BODY :
.....

FINAL BODY WEIGHT G: -
.....

KIDNEYS G: -
LEFT : -
RIGHT: -
% BODY :
% BRAIN:
.....

LIVER G: -
% BODY :
% BRAIN:
.....

OVARIES G: -
LEFT : -
RIGHT: -
% BODY :
% BRAIN:
.....

PITUITARY GLAND G: -
% BODY :
% BRAIN:
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 3, 500mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER : B29675
.....

SPLEEN G: -
% BODY :
% BRAIN:
.....

THYROID GLANDS G: -
LEFT : -
RIGHT: -
% BODY :
% BRAIN:
.....

UTERUS G: -
% BODY :
% BRAIN:
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

		B29276	B29277	B29278	B29279
ANIMAL NUMBER	:	B29276	B29277	B29278	B29279
DAYS ON TEST	:	117	117	117	117
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	25-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0720	0.0950	0.0810	0.0670
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01412	0.01757	0.01251	0.01067
	% BRAIN:	3.679	4.524	3.652	3.169
.....					
BRAIN	G:	1.9570	2.1000	2.2180	2.1140
	% BODY :	0.38388	0.38846	0.34255	0.33657
.....					
EPIDIDYMIS, LEFT	G:	0.7390	0.7050	1.6490	0.7590
	% BODY :	0.14496	0.13041	0.25467	0.12084
	% BRAIN:	37.762	33.571	74.346	35.904
.....					
EPIDIDYMIS, RIGHT	G:	0.6950	0.8040	0.8250	0.8080
	% BODY :	0.13633	0.14872	0.12741	0.12864
	% BRAIN:	35.514	38.286	37.196	38.221
.....					
FINAL BODY WEIGHT	G:	509.8000	540.6000	647.5000	628.1000
.....					
KIDNEYS	G:	3.8140	4.2950	4.3140	4.7650
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.74814	0.79449	0.66625	0.75864
	% BRAIN:	194.890	204.524	194.500	225.402
.....					
LIVER	G:	22.7790	23.8730	26.1540	25.3220
	% BODY :	4.468	4.416	4.039	4.032
	% BRAIN:	1163.975	1136.810	1179.170	1197.824
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29276	B29277	B29278	B29279
.....					
PITUITARY GLAND	G:	0.0100	0.0150	0.0160	0.0160
	% BODY :	0.00196	0.00277	0.00247	0.00255
	% BRAIN:	0.511	0.714	0.721	0.757
.....					
PROSTATE	G:	1.3580	1.7330	1.5460	1.7080
	% BODY :	0.26638	0.32057	0.23876	0.27193
	% BRAIN:	69.392	82.524	69.702	80.795
.....					
SEMINAL VESICLE	G:	1.6370	2.3400	1.7800	2.2060
	% BODY :	0.32111	0.43285	0.27490	0.35122
	% BRAIN:	83.648	111.429	80.252	104.352
.....					
SPLEEN	G:	0.6380	0.6210	0.8820	0.8830
	% BODY :	0.12515	0.11487	0.13622	0.14058
	% BRAIN:	32.601	29.571	39.766	41.769
.....					
TESTIS, LEFT	G:	1.5310	1.7850	0.8130	1.7350
	% BODY :	0.30031	0.33019	0.12556	0.27623
	% BRAIN:	78.232	85.000	36.655	82.072
.....					
TESTIS, RIGHT	G:	1.5010	1.9040	1.8480	1.7020
	% BODY :	0.29443	0.35220	0.28541	0.27098
	% BRAIN:	76.699	90.667	83.318	80.511
.....					
THYROID GLANDS	G:	0.0260	0.0250	0.0260	0.0220
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00510	0.00462	0.00402	0.00350
	% BRAIN:	1.329	1.190	1.172	1.041
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

		B29280	B29281	B29282	B29283
ANIMAL NUMBER	:	B29280	B29281	B29282	B29283
DAYS ON TEST	:	117	117	117	117
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	25-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0620	0.0780	0.0620	0.0580
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01028	0.01318	0.01091	0.01159
	% BRAIN:	2.835	3.750	3.111	3.038
.....					
BRAIN	G:	2.1870	2.0800	1.9930	1.9090
	% BODY :	0.36245	0.35135	0.35063	0.38134
.....					
EPIDIDYMIS, LEFT	G:	0.8980	0.8400	0.7950	0.7870
	% BODY :	0.14882	0.14189	0.13987	0.15721
	% BRAIN:	41.061	40.385	39.890	41.226
.....					
EPIDIDYMIS, RIGHT	G:	0.8270	0.7090	0.7430	0.7600
	% BODY :	0.13706	0.11976	0.13072	0.15182
	% BRAIN:	37.814	34.087	37.280	39.811
.....					
FINAL BODY WEIGHT	G:	603.4000	592.0000	568.4000	500.6000
.....					
KIDNEYS	G:	5.4050	4.6910	4.4230	4.1720
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.89576	0.79240	0.77815	0.83340
	% BRAIN:	247.142	225.529	221.927	218.544
.....					
LIVER	G:	23.0890	30.1950	22.8860	17.8930
	% BODY :	3.826	5.101	4.026	3.574
	% BRAIN:	1055.738	1451.683	1148.319	937.297
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29280	B29281	B29282	B29283
.....					
PITUITARY GLAND	G:	0.0210	0.0150	0.0130	0.0110
	% BODY :	0.00348	0.00253	0.00229	0.00220
	% BRAIN:	0.960	0.721	0.652	0.576
.....					
PROSTATE	G:	2.1790	1.2960	1.4720	1.9310
	% BODY :	0.36112	0.21892	0.25897	0.38574
	% BRAIN:	99.634	62.308	73.859	101.152
.....					
SEMINAL VESICLE	G:	3.4230	1.8390	2.0630	2.1800
	% BODY :	0.56729	0.31064	0.36295	0.43548
	% BRAIN:	156.516	88.413	103.512	114.196
.....					
SPLEEN	G:	0.9140	1.0040	0.7640	0.5670
	% BODY :	0.15147	0.16959	0.13441	0.11326
	% BRAIN:	41.792	48.269	38.334	29.701
.....					
TESTIS, LEFT	G:	2.0090	1.9000	1.8800	1.7660
	% BODY :	0.33295	0.32095	0.33075	0.35278
	% BRAIN:	91.861	91.346	94.330	92.509
.....					
TESTIS, RIGHT	G:	1.9340	1.7910	1.9100	1.6920
	% BODY :	0.32052	0.30253	0.33603	0.33799
	% BRAIN:	88.432	86.106	95.835	88.633
.....					
THYROID GLANDS	G:	0.0270	0.0400	0.0290	0.0200
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00447	0.00676	0.00510	0.00400
	% BRAIN:	1.235	1.923	1.455	1.048
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

		B29284	B29285	B29286	B29287
ANIMAL NUMBER	:	B29284	B29285	B29286	B29287
DAYS ON TEST	:	117	117	120	120
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0470	0.0870	0.0580	0.0640
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00806	0.01421	0.01009	0.01149
	% BRAIN:	2.272	4.217	2.560	2.978
.....					
BRAIN	G:	2.0690	2.0630	2.2660	2.1490
	% BODY :	0.35489	0.33693	0.39409	0.38582
.....					
EPIDIDYMIS, LEFT	G:	0.6980	0.7440	0.6990	0.8580
	% BODY :	0.11973	0.12151	0.12157	0.15404
	% BRAIN:	33.736	36.064	30.847	39.926
.....					
EPIDIDYMIS, RIGHT	G:	0.6860	0.7780	0.7800	0.8010
	% BODY :	0.11767	0.12706	0.13565	0.14381
	% BRAIN:	33.156	37.712	34.422	37.273
.....					
FINAL BODY WEIGHT	G:	583.0000	612.3000	575.0000	557.0000
.....					
KIDNEYS	G:	4.2030	4.7270	4.6920	4.0690
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.72093	0.77201	0.81600	0.73052
	% BRAIN:	203.142	229.132	207.061	189.344
.....					
LIVER	G:	24.2560	23.7260	23.3930	20.8020
	% BODY :	4.161	3.875	4.068	3.735
	% BRAIN:	1172.354	1150.073	1032.348	967.985
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29284	B29285	B29286	B29287
.....					
PITUITARY GLAND	G:	0.0170	0.0160	0.0120	0.0130
	% BODY :	0.00292	0.00261	0.00209	0.00233
	% BRAIN:	0.822	0.776	0.530	0.605
.....					
PROSTATE	G:	1.1120	2.2380	1.2830	1.5630
	% BODY :	0.19074	0.36551	0.22313	0.28061
	% BRAIN:	53.746	108.483	56.620	72.732
.....					
SEMINAL VESICLE	G:	2.0730	2.4480	1.7860	2.8390
	% BODY :	0.35557	0.39980	0.31061	0.50969
	% BRAIN:	100.193	118.662	78.817	132.108
.....					
SPLEEN	G:	0.6800	0.6510	0.6180	0.7080
	% BODY :	0.11664	0.10632	0.10748	0.12711
	% BRAIN:	32.866	31.556	27.273	32.946
.....					
TESTIS, LEFT	G:	1.7160	1.8280	1.6030	2.0560
	% BODY :	0.29434	0.29855	0.27878	0.36912
	% BRAIN:	82.939	88.609	70.741	95.672
.....					
TESTIS, RIGHT	G:	1.8450	1.8420	1.5790	1.9810
	% BODY :	0.31647	0.30083	0.27461	0.35566
	% BRAIN:	89.174	89.287	69.682	92.182
.....					
THYROID GLANDS	G:	0.0310	0.0330	0.0360	0.0080
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00532	0.00539	0.00626	0.00144
	% BRAIN:	1.498	1.600	1.589	0.372
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

		B29288	B29289	B29290	B29291
ANIMAL NUMBER	:	B29288	B29289	B29290	B29291
DAYS ON TEST	:	120	120	120	120
DATE OF NECROPSY	:	28-JUL-03	28-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0620	0.0480	0.0590	0.0620
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01160	0.00819	0.01013	0.01131
	% BRAIN:	2.984	2.281	2.778	2.947
.....					
BRAIN	G:	2.0780	2.1040	2.1240	2.1040
	% BODY :	0.38892	0.35886	0.36451	0.38373
.....					
EPIDIDYMIS, LEFT	G:	0.6900	0.8040	0.7840	0.9260
	% BODY :	0.12914	0.13713	0.13455	0.16889
	% BRAIN:	33.205	38.213	36.911	44.011
.....					
EPIDIDYMIS, RIGHT	G:	0.7250	0.7570	0.7330	0.8710
	% BODY :	0.13569	0.12911	0.12579	0.15885
	% BRAIN:	34.889	35.979	34.510	41.397
.....					
FINAL BODY WEIGHT	G:	534.3000	586.3000	582.7000	548.3000
.....					
KIDNEYS	G:	4.0470	4.8630	4.2920	3.7900
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.75744	0.82944	0.73657	0.69123
	% BRAIN:	194.755	231.131	202.072	180.133
.....					
LIVER	G:	21.6060	27.1240	21.2760	18.6320
	% BODY :	4.044	4.626	3.651	3.398
	% BRAIN:	1039.750	1289.163	1001.695	885.551
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29288	B29289	B29290	B29291
.....					
PITUITARY GLAND	G:	0.0100	0.0140	0.0160	0.0130
	% BODY :	0.00187	0.00239	0.00275	0.00237
	% BRAIN:	0.481	0.665	0.753	0.618
.....					
PROSTATE	G:	1.7060	1.6040	1.6080	1.5450
	% BODY :	0.31930	0.27358	0.27596	0.28178
	% BRAIN:	82.098	76.236	75.706	73.432
.....					
SEMINAL VESICLE	G:	2.1840	3.1070	2.9740	3.2530
	% BODY :	0.40876	0.52993	0.51038	0.59329
	% BRAIN:	105.101	147.671	140.019	154.610
.....					
SPLEEN	G:	0.6870	0.9130	0.7550	0.8430
	% BODY :	0.12858	0.15572	0.12957	0.15375
	% BRAIN:	33.061	43.394	35.546	40.067
.....					
TESTIS, LEFT	G:	1.6460	1.9620	1.7560	1.9430
	% BODY :	0.30807	0.33464	0.30136	0.35437
	% BRAIN:	79.211	93.251	82.674	92.348
.....					
TESTIS, RIGHT	G:	1.5780	1.9360	1.6960	1.8940
	% BODY :	0.29534	0.33021	0.29106	0.34543
	% BRAIN:	75.938	92.015	79.849	90.019
.....					
THYROID GLANDS	G:	0.0240	0.0150	0.0150	0.0210
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00449	0.00256	0.00257	0.00383
	% BRAIN:	1.155	0.713	0.706	0.998
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
 SEX : MALE

ANIMAL NUMBER	:	B29292	B29293	B29294	B29295
DAYS ON TEST	:	120	120	120	120
DATE OF NECROPSY	:	28-JUL-03	28-JUL-03	28-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0800	0.0660	0.0700	0.0700
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01231	0.01286	0.01322	0.01251
	% BRAIN:	3.880	3.226	3.597	3.286
.....					
BRAIN	G:	2.0620	2.0460	1.9460	2.1300
	% BODY :	0.31738	0.39860	0.36752	0.38070
.....					
EPIDIDYMIS, LEFT	G:	0.8740	0.7480	0.8510	0.6790
	% BODY :	0.13452	0.14572	0.16072	0.12136
	% BRAIN:	42.386	36.559	43.731	31.878
.....					
EPIDIDYMIS, RIGHT	G:	0.8450	0.7580	0.7720	0.7450
	% BODY :	0.13006	0.14767	0.14580	0.13315
	% BRAIN:	40.980	37.048	39.671	34.977
.....					
FINAL BODY WEIGHT	G:	649.7000	513.3000	529.5000	559.5000
.....					
KIDNEYS	G:	4.1550	4.3710	3.9900	3.7440
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.63953	0.85155	0.75354	0.66917
	% BRAIN:	201.503	213.636	205.036	175.775
.....					
LIVER	G:	24.9870	19.9580	20.9430	20.3760
	% BODY :	3.846	3.888	3.955	3.642
	% BRAIN:	1211.785	975.464	1076.208	956.620
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29292	B29293	B29294	B29295
.....					
PITUITARY GLAND	G:	0.0190	0.0050	0.0090	0.0130
	% BODY :	0.00292	0.00097	0.00170	0.00232
	% BRAIN:	0.921	0.244	0.462	0.610
.....					
PROSTATE	G:	1.3190	1.2510	2.2240	1.7490
	% BODY :	0.20302	0.24372	0.42002	0.31260
	% BRAIN:	63.967	61.144	114.286	82.113
.....					
SEMINAL VESICLE	G:	2.9650	2.5850	1.1980	1.4950
	% BODY :	0.45636	0.50360	0.22625	0.26720
	% BRAIN:	143.792	126.344	61.562	70.188
.....					
SPLEEN	G:	0.9410	0.6190	0.6940	0.6900
	% BODY :	0.14484	0.12059	0.13107	0.12332
	% BRAIN:	45.635	30.254	35.663	32.394
.....					
TESTIS, LEFT	G:	1.7670	1.6680	1.9630	1.6640
	% BODY :	0.27197	0.32496	0.37073	0.29741
	% BRAIN:	85.694	81.525	100.874	78.122
.....					
TESTIS, RIGHT	G:	1.7520	1.7480	1.8750	1.7340
	% BODY :	0.26966	0.34054	0.35411	0.30992
	% BRAIN:	84.966	85.435	96.351	81.408
.....					
THYROID GLANDS	G:	0.0140	0.0180	0.0170	0.0200
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00215	0.00351	0.00321	0.00357
	% BRAIN:	0.679	0.880	0.874	0.939
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

		B29296	B29297	B29298	B29299
ANIMAL NUMBER	:	B29296	B29297	B29298	B29299
DAYS ON TEST	:	121	121	121	121
DATE OF NECROPSY	:	29-JUL-03	29-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0550	0.0680	0.0790	0.0490
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00967	0.01100	0.01442	0.00902
	% BRAIN:	2.651	3.452	3.639	2.341
.....					
BRAIN	G:	2.0750	1.9700	2.1710	2.0930
	% BODY :	0.36493	0.31872	0.39638	0.38531
.....					
EPIDIDYMIS, LEFT	G:	0.6670	0.7730	0.7820	0.6900
	% BODY :	0.11731	0.12506	0.14278	0.12703
	% BRAIN:	32.145	39.239	36.020	32.967
.....					
EPIDIDYMIS, RIGHT	G:	0.7080	0.8430	0.9030	0.7200
	% BODY :	0.12452	0.13639	0.16487	0.13255
	% BRAIN:	34.120	42.792	41.594	34.400
.....					
FINAL BODY WEIGHT	G:	568.6000	618.1000	547.7000	543.2000
.....					
KIDNEYS	G:	3.9760	5.2990	4.2850	3.9970
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.69926	0.85730	0.78236	0.73582
	% BRAIN:	191.614	268.985	197.374	190.970
.....					
LIVER	G:	23.5680	24.1730	19.8710	23.6370
	% BODY :	4.145	3.911	3.628	4.351
	% BRAIN:	1135.807	1227.056	915.292	1129.336
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER	:	B29296	B29297	B29298	B29299
.....					
PITUITARY GLAND	G:	0.0120	0.0150	0.0110	0.0110
	% BODY :	0.00211	0.00243	0.00201	0.00203
	% BRAIN:	0.578	0.761	0.507	0.526
.....					
PROSTATE	G:	0.9200	2.6920	1.2930	1.6820
	% BODY :	0.16180	0.43553	0.23608	0.30965
	% BRAIN:	44.337	136.650	59.558	80.363
.....					
SEMINAL VESICLE	G:	2.0330	1.7560	2.6090	2.3870
	% BODY :	0.35754	0.28410	0.47636	0.43943
	% BRAIN:	97.976	89.137	120.175	114.047
.....					
SPLEEN	G:	0.7750	0.8830	0.6610	0.7380
	% BODY :	0.13630	0.14286	0.12069	0.13586
	% BRAIN:	37.349	44.822	30.447	35.260
.....					
TESTIS, LEFT	G:	1.7570	1.6360	1.8150	1.7550
	% BODY :	0.30900	0.26468	0.33139	0.32309
	% BRAIN:	84.675	83.046	83.602	83.851
.....					
TESTIS, RIGHT	G:	1.7130	1.7060	1.8300	1.7070
	% BODY :	0.30127	0.27601	0.33412	0.31425
	% BRAIN:	82.554	86.599	84.293	81.558
.....					
THYROID GLANDS	G:	0.0170	0.0270	0.0180	0.0140
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00299	0.00437	0.00329	0.00258
	% BRAIN:	0.819	1.371	0.829	0.669
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER : B29300
DAYS ON TEST : 121
DATE OF NECROPSY : 29-JUL-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

ADRENAL GLANDS G: 0.0580
LEFT : -
RIGHT: -
% BODY : 0.01095
% BRAIN: 2.901
.....

BRAIN G: 1.9990
% BODY : 0.37753
.....

EPIDIDYMIS, LEFT G: 0.8080
% BODY : 0.15260
% BRAIN: 40.420
.....

EPIDIDYMIS, RIGHT G: 0.7860
% BODY : 0.14844
% BRAIN: 39.320
.....

FINAL BODY WEIGHT G: 529.5000
.....

KIDNEYS G: 4.1060
LEFT : -
RIGHT: -
% BODY : 0.77545
% BRAIN: 205.403
.....

LIVER G: 21.2530
% BODY : 4.014
% BRAIN: 1063.182
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : MALE

ANIMAL NUMBER : B29300
.....

PITUITARY GLAND G: 0.0110
% BODY : 0.00208
% BRAIN: 0.550
.....

PROSTATE G: 1.5510
% BODY : 0.29292
% BRAIN: 77.589
.....

SEMINAL VESICLE G: 1.9400
% BODY : 0.36638
% BRAIN: 97.049
.....

SPLEEN G: 0.6970
% BODY : 0.13163
% BRAIN: 34.867
.....

TESTIS, LEFT G: 1.9110
% BODY : 0.36091
% BRAIN: 95.598
.....

TESTIS, RIGHT G: 1.9310
% BODY : 0.36468
% BRAIN: 96.598
.....

THYROID GLANDS G: 0.0230
LEFT : -
RIGHT: -
% BODY : 0.00434
% BRAIN: 1.151
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : FEMALE

		B29676	B29677	B29678	B29679
ANIMAL NUMBER	:	B29676	B29677	B29678	B29679
DAYS ON TEST	:	121	120	120	117
DATE OF NECROPSY	:	29-JUL-03	28-JUL-03	28-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0610	0.0750	0.0600	0.0710
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01903	0.02340	0.01904	0.02111
	% BRAIN:	3.226	3.724	3.079	3.679
.....					
BRAIN	G:	1.8910	2.0140	1.9490	1.9300
	% BODY :	0.58983	0.62839	0.61834	0.57372
.....					
FINAL BODY WEIGHT	G:	320.6000	320.5000	315.2000	336.4000
.....					
KIDNEYS	G:	2.0310	2.3660	2.2900	2.5600
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.63350	0.73822	0.72652	0.76100
	% BRAIN:	107.403	117.478	117.496	132.642
.....					
LIVER	G:	15.0680	15.8160	14.6250	16.8510
	% BODY :	4.700	4.935	4.640	5.009
	% BRAIN:	796.827	785.303	750.385	873.109
.....					
OVARIES	G:	0.1550	0.1750	0.1980	0.1830
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04835	0.05460	0.06282	0.05440
	% BRAIN:	8.197	8.689	10.159	9.482
.....					
PITUITARY GLAND	G:	0.0180	0.0130	0.0120	0.0160
	% BODY :	0.00561	0.00406	0.00381	0.00476
	% BRAIN:	0.952	0.645	0.616	0.829
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29676	B29677	B29678	B29679
.....					
SPLEEN	G:	0.6840	0.6590	0.5320	0.5530
	% BODY :	0.21335	0.20562	0.16878	0.16439
	% BRAIN:	36.171	32.721	27.296	28.653
.....					
THYROID GLANDS	G:	0.0250	0.0150	0.0140	0.0140
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00780	0.00468	0.00444	0.00416
	% BRAIN:	1.322	0.745	0.718	0.725
.....					
UTERUS	G:	0.4090	0.5620	0.5210	0.4920
	% BODY :	0.12757	0.17535	0.16529	0.14625
	% BRAIN:	21.629	27.905	26.732	25.492
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : FEMALE

		B29680	B29681	B29682	B29683
ANIMAL NUMBER	:	B29680	B29681	B29682	B29683
DAYS ON TEST	:	117	117	117	122
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	25-JUL-03	30-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.1130	0.0850	0.0770	0.0560
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.03526	0.02947	0.02314	0.01916
	% BRAIN:	6.088	4.730	4.142	2.990
.....					
BRAIN	G:	1.8560	1.7970	1.8590	1.8730
	% BODY :	0.57910	0.62309	0.55859	0.64100
.....					
FINAL BODY WEIGHT	G:	320.5000	288.4000	332.8000	292.2000
.....					
KIDNEYS	G:	2.2740	2.1100	2.3610	2.2040
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.70952	0.73162	0.70944	0.75428
	% BRAIN:	122.522	117.418	127.004	117.672
.....					
LIVER	G:	16.1000	14.4890	17.1670	12.4070
	% BODY :	5.023	5.024	5.158	4.246
	% BRAIN:	867.457	806.288	923.453	662.413
.....					
OVARIES	G:	0.1580	0.1440	0.1620	0.1680
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04930	0.04993	0.04868	0.05749
	% BRAIN:	8.513	8.013	8.714	8.970
.....					
PITUITARY GLAND	G:	0.0150	0.0130	0.0160	0.0090
	% BODY :	0.00468	0.00451	0.00481	0.00308
	% BRAIN:	0.808	0.723	0.861	0.481
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29680	B29681	B29682	B29683
.....					
SPLEEN	G:	0.6960	0.5130	0.6920	0.4380
	% BODY :	0.21716	0.17788	0.20793	0.14990
	% BRAIN:	37.500	28.548	37.224	23.385
.....					
THYROID GLANDS	G:	0.0200	0.0160	0.0100	0.0150
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00624	0.00555	0.00300	0.00513
	% BRAIN:	1.078	0.890	0.538	0.801
.....					
UTERUS	G:	0.3750	0.3960	0.4950	0.4870
	% BODY :	0.11700	0.13731	0.14874	0.16667
	% BRAIN:	20.205	22.037	26.627	26.001
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : FEMALE

		B29684	B29685	B29686	B29687
ANIMAL NUMBER	:	B29684	B29685	B29686	B29687
DAYS ON TEST	:	122	117	117	122
DATE OF NECROPSY	:	30-JUL-03	25-JUL-03	25-JUL-03	30-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0620	0.0710	0.0750	0.0750
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01727	0.02417	0.02280	0.02101
	% BRAIN:	3.226	3.755	4.107	3.866
.....					
BRAIN	G:	1.9220	1.8910	1.8260	1.9400
	% BODY :	0.53523	0.64385	0.55502	0.54342
.....					
FINAL BODY WEIGHT	G:	359.1000	293.7000	329.0000	357.0000
.....					
KIDNEYS	G:	2.5100	2.2810	2.6090	2.3900
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.69897	0.77664	0.79301	0.66947
	% BRAIN:	130.593	120.624	142.881	123.196
.....					
LIVER	G:	18.8690	15.9090	16.5350	15.4690
	% BODY :	5.255	5.417	5.026	4.333
	% BRAIN:	981.738	841.301	905.531	797.371
.....					
OVARIES	G:	0.1540	0.1380	0.1080	0.1630
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04288	0.04699	0.03283	0.04566
	% BRAIN:	8.012	7.298	5.915	8.402
.....					
PITUITARY GLAND	G:	0.0150	0.0130	0.0200	0.0140
	% BODY :	0.00418	0.00443	0.00608	0.00392
	% BRAIN:	0.780	0.687	1.095	0.722
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29684	B29685	B29686	B29687
.....					
SPLEEN	G:	0.5680	0.6150	0.4750	0.7870
	% BODY :	0.15817	0.20940	0.14438	0.22045
	% BRAIN:	29.553	32.522	26.013	40.567
.....					
THYROID GLANDS	G:	0.0180	0.0190	0.0190	0.0290
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00501	0.00647	0.00578	0.00812
	% BRAIN:	0.937	1.005	1.041	1.495
.....					
UTERUS	G:	0.4480	1.0790	0.7610	0.3510
	% BODY :	0.12476	0.36738	0.23131	0.09832
	% BRAIN:	23.309	57.060	41.676	18.093
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER	:	B29688	B29689	B29690	B29691
DAYS ON TEST	:	121	121	121	121
DATE OF NECROPSY	:	29-JUL-03	29-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0830	0.0600	0.0740	0.0730
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02528	0.01891	0.02266	0.02353
	% BRAIN:	4.230	3.032	3.901	3.663
.....					
BRAIN	G:	1.9620	1.9790	1.8970	1.9930
	% BODY :	0.59762	0.62370	0.58083	0.64228
.....					
FINAL BODY WEIGHT	G:	328.3000	317.3000	326.6000	310.3000
.....					
KIDNEYS	G:	2.5080	2.1720	2.2630	2.1150
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.76394	0.68453	0.69290	0.68160
	% BRAIN:	127.829	109.752	119.294	106.121
.....					
LIVER	G:	13.7200	16.4070	15.4990	12.4260
	% BODY :	4.179	5.171	4.746	4.005
	% BRAIN:	699.286	829.055	817.027	623.482
.....					
OVARIES	G:	0.1980	0.1620	0.1620	0.2140
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.06031	0.05106	0.04960	0.06897
	% BRAIN:	10.092	8.186	8.540	10.738
.....					
PITUITARY GLAND	G:	0.0120	0.0110	0.0180	0.0070
	% BODY :	0.00366	0.00347	0.00551	0.00226
	% BRAIN:	0.612	0.556	0.949	0.351
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29688	B29689	B29690	B29691
.....					
SPLEEN	G:	0.7240	0.7320	0.5440	0.6060
	% BODY :	0.22053	0.23070	0.16656	0.19529
	% BRAIN:	36.901	36.988	28.677	30.406
.....					
THYROID GLANDS	G:	0.0220	0.0210	0.0130	0.0200
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00670	0.00662	0.00398	0.00645
	% BRAIN:	1.121	1.061	0.685	1.004
.....					
UTERUS	G:	0.7860	0.4400	0.4490	0.5280
	% BODY :	0.23942	0.13867	0.13748	0.17016
	% BRAIN:	40.061	22.233	23.669	26.493
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : FEMALE

		B29692	B29693	B29694	B29695
ANIMAL NUMBER	:	B29692	B29693	B29694	B29695
DAYS ON TEST	:	115	120	121	121
DATE OF NECROPSY	:	23-JUL-03	28-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0630	0.0720	0.0770	0.0710
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01905	0.01894	0.02129	0.02521
	% BRAIN:	3.371	3.731	3.644	3.767
.....					
BRAIN	G:	1.8690	1.9300	2.1130	1.8850
	% BODY :	0.56516	0.50763	0.58419	0.66939
.....					
FINAL BODY WEIGHT	G:	330.7000	380.2000	361.7000	281.6000
.....					
KIDNEYS	G:	2.2410	2.7530	2.5160	1.9100
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.67765	0.72409	0.69560	0.67827
	% BRAIN:	119.904	142.642	119.072	101.326
.....					
LIVER	G:	17.2780	19.3090	16.3050	13.0500
	% BODY :	5.225	5.079	4.508	4.634
	% BRAIN:	924.452	1000.466	771.652	692.308
.....					
OVARIES	G:	0.1470	0.1580	0.1660	0.1440
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04445	0.04156	0.04589	0.05114
	% BRAIN:	7.865	8.187	7.856	7.639
.....					
PITUITARY GLAND	G:	0.0150	0.0180	0.0120	0.0130
	% BODY :	0.00454	0.00473	0.00332	0.00462
	% BRAIN:	0.803	0.933	0.568	0.690
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29692	B29693	B29694	B29695
.....					
SPLEEN	G:	0.7460	0.7540	0.9180	0.5320
	% BODY :	0.22558	0.19832	0.25380	0.18892
	% BRAIN:	39.914	39.067	43.445	28.223
.....					
THYROID GLANDS	G:	0.0250	0.0180	0.0190	0.0210
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00756	0.00473	0.00525	0.00746
	% BRAIN:	1.338	0.933	0.899	1.114
.....					
UTERUS	G:	0.8180	0.4540	0.6980	1.2130
	% BODY :	0.24735	0.11941	0.19298	0.43075
	% BRAIN:	43.767	23.523	33.034	64.350
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : FEMALE

		B29696	B29697	B29698	B29699
ANIMAL NUMBER	:	B29696	B29697	B29698	B29699
DAYS ON TEST	:	121	121	121	115
DATE OF NECROPSY	:	29-JUL-03	29-JUL-03	29-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
ADRENAL GLANDS	G:	0.0760	0.0650	0.0710	0.0810
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02438	0.02298	0.02322	0.02279
	% BRAIN:	4.201	3.315	3.562	4.210
.....					
BRAIN	G:	1.8090	1.9610	1.9930	1.9240
	% BODY :	0.58037	0.69318	0.65173	0.54136
.....					
FINAL BODY WEIGHT	G:	311.7000	282.9000	305.8000	355.4000
.....					
KIDNEYS	G:	2.0750	2.3800	2.7890	2.6480
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.66570	0.84129	0.91203	0.74508
	% BRAIN:	114.704	121.367	139.940	137.630
.....					
LIVER	G:	13.4520	14.2900	15.6920	19.0740
	% BODY :	4.316	5.051	5.131	5.367
	% BRAIN:	743.615	728.710	787.356	991.372
.....					
OVARIES	G:	0.1660	0.1830	0.1930	0.1730
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05326	0.06469	0.06311	0.04868
	% BRAIN:	9.176	9.332	9.684	8.992
.....					
PITUITARY GLAND	G:	0.0140	0.0120	0.0160	0.0130
	% BODY :	0.00449	0.00424	0.00523	0.00366
	% BRAIN:	0.774	0.612	0.803	0.676
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
 SEX : FEMALE

ANIMAL NUMBER	:	B29696	B29697	B29698	B29699
.....					
SPLEEN	G:	0.5910	0.5560	0.6820	0.7220
	% BODY :	0.18961	0.19654	0.22302	0.20315
	% BRAIN:	32.670	28.353	34.220	37.526
.....					
THYROID GLANDS	G:	0.0120	0.0160	0.0200	0.0170
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00385	0.00566	0.00654	0.00478
	% BRAIN:	0.663	0.816	1.004	0.884
.....					
UTERUS	G:	0.7560	0.4710	0.5490	0.4200
	% BODY :	0.24254	0.16649	0.17953	0.11818
	% BRAIN:	41.791	24.018	27.546	21.830
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER : B29700
DAYS ON TEST : 123
DATE OF NECROPSY : 31-JUL-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

ADRENAL GLANDS G: 0.0520
LEFT : -
RIGHT: -
% BODY : 0.01539
% BRAIN: 2.605
.....

BRAIN G: 1.9960
% BODY : 0.59088
.....

FINAL BODY WEIGHT G: 337.8000
.....

KIDNEYS G: 2.3910
LEFT : -
RIGHT: -
% BODY : 0.70782
% BRAIN: 119.790
.....

LIVER G: 16.8310
% BODY : 4.983
% BRAIN: 843.236
.....

OVARIES G: 0.1360
LEFT : -
RIGHT: -
% BODY : 0.04026
% BRAIN: 6.814
.....

PITUITARY GLAND G: 0.0130
% BODY : 0.00385
% BRAIN: 0.651
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
FO PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F0
SEX : FEMALE

ANIMAL NUMBER : B29700
.....

SPLEEN G: 0.5660
% BODY : 0.16755
% BRAIN: 28.357
.....

THYROID GLANDS G: 0.0180
LEFT : -
RIGHT: -
% BODY : 0.00533
% BRAIN: 0.902
.....

UTERUS G: 0.4470
% BODY : 0.13233
% BRAIN: 22.395
.....

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS

Explanation of Symbols:

0 = Tissue/Organ not weighed
* = Tissue/Organ weighed after fixation

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9601-02	9602-02	9603-03	9604-02
DAYS ON TEST	:	24	22	22	24
DATE OF NECROPSY	:	28-JUL-03	25-JUL-03	23-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	56.0000	58.1000	48.2000	65.0000
.....					
BRAIN	G:	1.4700	1.5300	1.4360	1.5950
	% BODY :	2.625	2.633	2.979	2.454
.....					
SPLEEN	G:	0.3870	0.2850	0.2190	0.3050
	% BODY :	0.69107	0.49053	0.45436	0.46923
	% BRAIN:	26.327	18.627	15.251	19.122
.....					
THYMUS	G:	0.2720	0.2340	0.1970	0.2740
	% BODY :	0.48571	0.40275	0.40871	0.42154
	% BRAIN:	18.503	15.294	13.719	17.179
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9605-03	9606-03	9607-02	9608-01
DAYS ON TEST	:	25	22	25	25
DATE OF NECROPSY	:	30-JUL-03	23-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	80.5000	47.5000	75.4000	78.5000
.....					
BRAIN	G:	1.5440	1.4880	1.6150	1.4760
	% BODY :	1.918	3.133	2.142	1.880
.....					
SPLEEN	G:	0.3540	0.1930	0.3250	0.3700
	% BODY :	0.43975	0.40632	0.43103	0.47134
	% BRAIN:	22.927	12.970	20.124	25.068
.....					
THYMUS	G:	0.3850	0.2240	0.3920	0.2410
	% BODY :	0.47826	0.47158	0.51989	0.30701
	% BRAIN:	24.935	15.054	24.272	16.328
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
 SEX : MALE

		9609-02	9610-02	9611-04	9612-02
ANIMAL NUMBER	:	9609-02	9610-02	9611-04	9612-02
DAYS ON TEST	:	22	22	22	22
DATE OF NECROPSY	:	25-JUL-03	24-JUL-03	31-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	55.0000	56.8000	42.8000	60.6000
.....					
BRAIN	G:	1.4320	1.3040	1.3800	1.3520
	% BODY :	2.604	2.296	3.224	2.231
.....					
SPLEEN	G:	0.3050	0.2870	0.1330	0.3540
	% BODY :	0.55455	0.50528	0.31075	0.58416
	% BRAIN:	21.299	22.009	9.638	26.183
.....					
THYMUS	G:	0.2620	0.2640	0.1380	0.3190
	% BODY :	0.47636	0.46479	0.32243	0.52640
	% BRAIN:	18.296	20.245	10.000	23.595
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
SEX : MALE

ANIMAL NUMBER	:	9613-03	9614-02	9615-04	9616-03
DAYS ON TEST	:	22	25	25	22
DATE OF NECROPSY	:	24-JUL-03	29-JUL-03	30-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	58.0000	70.9000	61.5000	57.6000
.....					
BRAIN	G:	1.5210	1.4510	1.3920	1.4210
	% BODY :	2.622	2.047	2.263	2.467
.....					
SPLEEN	G:	0.2840	0.4030	0.2940	0.2660
	% BODY :	0.48966	0.56841	0.47805	0.46181
	% BRAIN:	18.672	27.774	21.121	18.719
.....					
THYMUS	G:	0.2650	0.2990	0.2490	0.2990
	% BODY :	0.45690	0.42172	0.40488	0.51910
	% BRAIN:	17.423	20.606	17.888	21.042
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9617-02	9618-02	9619-02	9621-02
DAYS ON TEST	:	25	22	22	25
DATE OF NECROPSY	:	29-JUL-03	23-JUL-03	25-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	73.7000	55.3000	57.8000	68.4000
.....					
BRAIN	G:	1.5450	1.5270	1.4160	1.4710
	% BODY :	2.096	2.761	2.450	2.151
.....					
SPLEEN	G:	0.3200	0.2050	0.2850	0.3280
	% BODY :	0.43419	0.37071	0.49308	0.47953
	% BRAIN:	20.712	13.425	20.127	22.298
.....					
THYMUS	G:	0.3390	0.2340	0.2560	0.3850
	% BODY :	0.45997	0.42315	0.44291	0.56287
	% BRAIN:	21.942	15.324	18.079	26.173
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
SEX : MALE

	9622-01	9623-02	9625-01
ANIMAL NUMBER	9622-01	9623-02	9625-01
DAYS ON TEST	22	25	22
DATE OF NECROPSY	04-AUG-03	28-JUL-03	24-JUL-03
DEFND./ACTUAL NECR.STATE:	K0/K0	K0/K0	K0/K0

.....
FINAL BODY WEIGHT G: 57.2000 72.7000 48.2000
.....

BRAIN	G: 1.5610	1.6060	1.4000
% BODY :	2.729	2.209	2.905

SPLEEN	G: 0.2960	0.3050	0.1930
% BODY :	0.51748	0.41953	0.40041
% BRAIN:	18.962	18.991	13.786

THYMUS	G: 0.2280	0.4250	0.2460
% BODY :	0.39860	0.58459	0.51037
% BRAIN:	14.606	26.463	17.571

.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
SEX : FEMALE

		9601-12	9602-09	9603-09	9604-08
ANIMAL NUMBER	:	9601-12	9602-09	9603-09	9604-08
DAYS ON TEST	:	24	22	22	24
DATE OF NECROPSY	:	28-JUL-03	25-JUL-03	23-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	63.3000	52.1000	35.4000	58.2000
.....					
BRAIN	G:	1.4550	1.4420	1.2950	1.5490
	% BODY :	2.299	2.768	3.658	2.662
.....					
SPLEEN	G:	0.3270	0.2440	0.1480	0.2730
	% BODY :	0.51659	0.46833	0.41808	0.46907
	% BRAIN:	22.474	16.921	11.429	17.624
.....					
THYMUS	G:	0.4400	0.2330	0.1670	0.3030
	% BODY :	0.69510	0.44722	0.47175	0.52062
	% BRAIN:	30.241	16.158	12.896	19.561
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
SEX : FEMALE

ANIMAL NUMBER	:	9605-11	9606-10	9607-10	9608-06
DAYS ON TEST	:	25	22	25	25
DATE OF NECROPSY	:	30-JUL-03	23-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	73.4000	43.7000	73.2000	57.4000
.....					
BRAIN	G:	1.5470	1.4580	1.6040	1.6550
	% BODY :	2.108	3.336	2.191	2.883
.....					
SPLEEN	G:	0.3270	0.2080	0.3600	0.3250
	% BODY :	0.44550	0.47597	0.49180	0.56620
	% BRAIN:	21.138	14.266	22.444	19.637
.....					
THYMUS	G:	0.3650	0.2200	0.3650	0.3080
	% BODY :	0.49728	0.50343	0.49863	0.53659
	% BRAIN:	23.594	15.089	22.756	18.610
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
 SEX : FEMALE

ANIMAL NUMBER	:	9610-09	9611-10	9612-06	9613-08
DAYS ON TEST	:	22	22	22	22
DATE OF NECROPSY	:	24-JUL-03	31-JUL-03	25-JUL-03	24-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	54.1000	38.0000	54.6000	53.9000
.....					
BRAIN	G:	1.3470	1.2560	1.4150	1.4310
	% BODY :	2.490	3.305	2.592	2.655
.....					
SPLEEN	G:	0.2440	0.0960	0.2740	0.3290
	% BODY :	0.45102	0.25263	0.50183	0.61039
	% BRAIN:	18.114	7.643	19.364	22.991
.....					
THYMUS	G:	0.2450	0.0930	0.2850	0.2070
	% BODY :	0.45287	0.24474	0.52198	0.38404
	% BRAIN:	18.189	7.404	20.141	14.465
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
SEX : FEMALE

ANIMAL NUMBER	:	9614-13	9615-12	9616-08	9617-10
DAYS ON TEST	:	25	25	22	25
DATE OF NECROPSY	:	29-JUL-03	30-JUL-03	25-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	67.3000	60.2000	49.8000	73.0000
.....					
BRAIN	G:	1.4520	1.4270	1.4580	1.5250
	% BODY :	2.158	2.370	2.928	2.089
.....					
SPLEEN	G:	0.3630	0.3100	0.2350	0.2990
	% BODY :	0.53938	0.51495	0.47189	0.40959
	% BRAIN:	25.000	21.724	16.118	19.607
.....					
THYMUS	G:	0.3140	0.2700	0.3070	0.2970
	% BODY :	0.46657	0.44850	0.61647	0.40685
	% BRAIN:	21.625	18.921	21.056	19.475
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
 SEX : FEMALE

ANIMAL NUMBER	:	9618-08	9619-07	9621-11	9622-10
DAYS ON TEST	:	22	22	25	22
DATE OF NECROPSY	:	23-JUL-03	25-JUL-03	28-JUL-03	04-AUG-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	53.0000	61.2000	63.9000	57.7000
.....					
BRAIN	G:	1.4540	1.4640	1.4630	1.4200
	% BODY :	2.743	2.392	2.290	2.461
.....					
SPLEEN	G:	0.2540	0.3200	0.2770	0.2780
	% BODY :	0.47925	0.52288	0.43349	0.48180
	% BRAIN:	17.469	21.858	18.934	19.577
.....					
THYMUS	G:	0.1920	0.3450	0.3210	0.2310
	% BODY :	0.36226	0.56373	0.50235	0.40035
	% BRAIN:	13.205	23.566	21.941	16.268
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 1, 0mg/kg/d.F1P
SEX : FEMALE

ANIMAL NUMBER : 9623-12 9625-08
DAYS ON TEST : 25 22
DATE OF NECROPSY : 28-JUL-03 24-JUL-03
DEFND./ACTUAL NECR.STATE: K0/K0 K0/K0
.....

FINAL BODY WEIGHT G: 64.1000 47.1000
.....

BRAIN G: 1.6050 1.3070
% BODY : 2.504 2.775
.....

SPLEEN G: 0.2630 0.2050
% BODY : 0.41030 0.43524
% BRAIN: 16.386 15.685
.....

THYMUS G: 0.3290 0.2500
% BODY : 0.51326 0.53079
% BRAIN: 20.498 19.128
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 2, 250mg/kg/d.F1P
 SEX : MALE

		9627-03	9628-03	9629-04	9632-03
ANIMAL NUMBER	:	9627-03	9628-03	9629-04	9632-03
DAYS ON TEST	:	25	25	22	22
DATE OF NECROPSY	:	30-JUL-03	28-JUL-03	24-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	70.0000	64.5000	41.6000	51.6000
.....					
BRAIN	G:	1.6050	1.6820	1.2880	1.4330
	% BODY :	2.293	2.608	3.096	2.777
.....					
SPLEEN	G:	0.3700	0.3930	0.1780	0.2310
	% BODY :	0.52857	0.60930	0.42788	0.44767
	% BRAIN:	23.053	23.365	13.820	16.120
.....					
THYMUS	G:	0.3330	0.2410	0.1720	0.1840
	% BODY :	0.47571	0.37364	0.41346	0.35659
	% BRAIN:	20.748	14.328	13.354	12.840
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 2, 250mg/kg/d.F1P
 SEX : MALE

		9634-01	9635-03	9636-03	9637-02
ANIMAL NUMBER	:	9634-01	9635-03	9636-03	9637-02
DAYS ON TEST	:	22	22	22	22
DATE OF NECROPSY	:	06-AUG-03	24-JUL-03	24-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	56.4000	58.3000	57.6000	59.6000
.....					
BRAIN	G:	1.2530	1.4480	1.3930	1.5650
	% BODY :	2.222	2.484	2.418	2.626
.....					
SPLEEN	G:	0.2920	0.2670	0.2980	0.2300
	% BODY :	0.51773	0.45798	0.51736	0.38591
	% BRAIN:	23.304	18.439	21.393	14.696
.....					
THYMUS	G:	0.2240	0.2280	0.3140	0.2260
	% BODY :	0.39716	0.39108	0.54514	0.37919
	% BRAIN:	17.877	15.746	22.541	14.441
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 2, 250mg/kg/d.F1P
SEX : MALE

ANIMAL NUMBER	:	9638-02	9639-02	9640-02	9641-03
DAYS ON TEST	:	25	22	25	22
DATE OF NECROPSY	:	28-JUL-03	23-JUL-03	28-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	67.5000	57.3000	82.8000	58.2000
.....					
BRAIN	G:	1.4910	1.5060	1.7140	1.5590
	% BODY :	2.209	2.628	2.070	2.679
.....					
SPLEEN	G:	0.2900	0.2890	0.3430	0.2570
	% BODY :	0.42963	0.50436	0.41425	0.44158
	% BRAIN:	19.450	19.190	20.012	16.485
.....					
THYMUS	G:	0.2830	0.2400	0.2640	0.2690
	% BODY :	0.41926	0.41885	0.31884	0.46220
	% BRAIN:	18.981	15.936	15.403	17.255
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 2, 250mg/kg/d.F1P
SEX : MALE

ANIMAL NUMBER	:	9642-03	9643-02	9644-02	9646-02
DAYS ON TEST	:	25	25	22	25
DATE OF NECROPSY	:	29-JUL-03	28-JUL-03	24-JUL-03	30-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	71.2000	68.9000	62.8000	72.1000
.....					
BRAIN	G:	1.4670	1.4930	1.5090	1.5480
	% BODY :	2.060	2.167	2.403	2.147
.....					
SPLEEN	G:	0.3390	0.3480	0.3180	0.3490
	% BODY :	0.47612	0.50508	0.50637	0.48405
	% BRAIN:	23.108	23.309	21.074	22.545
.....					
THYMUS	G:	0.2790	0.2440	0.2530	0.3310
	% BODY :	0.39185	0.35414	0.40287	0.45908
	% BRAIN:	19.018	16.343	16.766	21.382
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 2, 250mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9648-02	9649-02	9650-03
DAYS ON TEST	:	22	25	22
DATE OF NECROPSY	:	24-JUL-03	28-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0

.....
 FINAL BODY WEIGHT G: 60.6000 68.9000 51.8000

BRAIN	G:	1.4910	1.6720	1.4360
	% BODY :	2.460	2.427	2.772

SPLEEN	G:	0.2520	0.3370	0.2070
	% BODY :	0.41584	0.48911	0.39961
	% BRAIN:	16.901	20.156	14.415

THYMUS	G:	0.2560	0.3040	0.2460
	% BODY :	0.42244	0.44122	0.47490
	% BRAIN:	17.170	18.182	17.131

.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 2, 250mg/kg/d.F1P
 SEX : FEMALE

		9627-11	9628-09	9629-11	9632-09
ANIMAL NUMBER	:	9627-11	9628-09	9629-11	9632-09
DAYS ON TEST	:	25	25	22	22
DATE OF NECROPSY	:	30-JUL-03	28-JUL-03	24-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	70.6000	50.1000	48.5000	43.8000
.....					
BRAIN	G:	1.5700	1.4990	1.4800	1.3810
	% BODY :	2.224	2.992	3.052	3.153
.....					
SPLEEN	G:	0.3780	0.3320	0.2810	0.1970
	% BODY :	0.53541	0.66267	0.57938	0.44977
	% BRAIN:	24.076	22.148	18.986	14.265
.....					
THYMUS	G:	0.3510	0.2330	0.2830	0.1950
	% BODY :	0.49717	0.46507	0.58351	0.44521
	% BRAIN:	22.357	15.544	19.122	14.120
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 2, 250mg/kg/d.F1P
SEX : FEMALE

ANIMAL NUMBER	:	9633-04	9634-07	9635-08	9636-10
DAYS ON TEST	:	25	22	22	22
DATE OF NECROPSY	:	29-JUL-03	06-AUG-03	24-JUL-03	24-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	46.1000	56.4000	58.0000	51.0000
.....					
BRAIN	G:	1.3730	0.2800	1.5040	1.3180
	% BODY :	2.978	0.49645	2.593	2.584
.....					
SPLEEN	G:	0.1790	1.4210	0.2950	0.2830
	% BODY :	0.38829	2.520	0.50862	0.55490
	% BRAIN:	13.037	507.500	19.614	21.472
.....					
THYMUS	G:	0.2350	0.2400	0.2620	0.2580
	% BODY :	0.50976	0.42553	0.45172	0.50588
	% BRAIN:	17.116	85.714	17.420	19.575
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 2, 250mg/kg/d.F1P
 SEX : FEMALE

ANIMAL NUMBER	:	9637-05	9638-10	9639-10	9640-08
DAYS ON TEST	:	22	25	22	25
DATE OF NECROPSY	:	23-JUL-03	28-JUL-03	23-JUL-03	28-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	55.9000	61.8000	56.2000	77.1000
.....					
BRAIN	G:	1.5340	1.4540	1.5320	1.5960
	% BODY :	2.744	2.353	2.726	2.070
.....					
SPLEEN	G:	0.2620	0.3470	0.2940	0.2940
	% BODY :	0.46869	0.56149	0.52313	0.38132
	% BRAIN:	17.080	23.865	19.191	18.421
.....					
THYMUS	G:	0.2680	0.2530	0.2760	0.3280
	% BODY :	0.47943	0.40939	0.49110	0.42542
	% BRAIN:	17.471	17.400	18.016	20.551
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 2, 250mg/kg/d.F1P
 SEX : FEMALE

ANIMAL NUMBER	:	9641-10	9642-09	9643-11	9644-09
DAYS ON TEST	:	22	25	25	22
DATE OF NECROPSY	:	23-JUL-03	29-JUL-03	28-JUL-03	24-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	54.5000	64.3000	66.1000	56.4000
.....					
BRAIN	G:	1.4460	1.4310	1.6100	1.4500
	% BODY :	2.653	2.226	2.436	2.571
.....					
SPLEEN	G:	0.2590	0.3200	0.2750	0.2810
	% BODY :	0.47523	0.49767	0.41604	0.49823
	% BRAIN:	17.911	22.362	17.081	19.379
.....					
THYMUS	G:	0.2940	0.3310	0.2600	0.2720
	% BODY :	0.53945	0.51477	0.39334	0.48227
	% BRAIN:	20.332	23.131	16.149	18.759
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 2, 250mg/kg/d.F1P
SEX : FEMALE

ANIMAL NUMBER	:	9646-12	9648-07	9649-11	9650-09
DAYS ON TEST	:	25	22	25	22
DATE OF NECROPSY	:	30-JUL-03	24-JUL-03	28-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	61.9000	53.8000	70.1000	41.1000
.....					
BRAIN	G:	1.4890	1.4190	1.6550	1.2850
	% BODY :	2.405	2.638	2.361	3.127
.....					
SPLEEN	G:	0.3320	0.2340	0.2950	0.2950
	% BODY :	0.53635	0.43494	0.42083	0.71776
	% BRAIN:	22.297	16.490	17.825	22.957
.....					
THYMUS	G:	0.3300	0.2690	0.2970	0.1700
	% BODY :	0.53312	0.50000	0.42368	0.41363
	% BRAIN:	22.163	18.957	17.946	13.230
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 3, 500mg/kg/d.F1P
SEX : MALE

ANIMAL NUMBER	:	9651-03	9652-03	9653-03	9654-02
DAYS ON TEST	:	25	25	22	22
DATE OF NECROPSY	:	29-JUL-03	30-JUL-03	23-JUL-03	24-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	70.9000	62.8000	43.3000	50.0000
.....					
BRAIN	G:	1.5160	1.4950	1.4260	1.4940
	% BODY :	2.138	2.381	3.293	2.988
.....					
SPLEEN	G:	0.2920	0.3040	0.2140	0.2930
	% BODY :	0.41185	0.48408	0.49423	0.58600
	% BRAIN:	19.261	20.334	15.007	19.612
.....					
THYMUS	G:	0.3730	0.2800	0.1720	0.2340
	% BODY :	0.52609	0.44586	0.39723	0.46800
	% BRAIN:	24.604	18.729	12.062	15.663
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 3, 500mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9655-03	9657-02	9658-03	9659-01
DAYS ON TEST	:	22	22	25	22
DATE OF NECROPSY	:	24-JUL-03	24-JUL-03	28-JUL-03	30-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	62.3000	58.7000	69.3000	52.2000
.....					
BRAIN	G:	1.5720	1.5310	1.6090	1.5900
	% BODY :	2.523	2.608	2.322	3.046
.....					
SPLEEN	G:	0.3990	0.3280	0.3060	0.2490
	% BODY :	0.64045	0.55877	0.44156	0.47701
	% BRAIN:	25.382	21.424	19.018	15.660
.....					
THYMUS	G:	0.2540	0.2130	0.2900	0.2670
	% BODY :	0.40770	0.36286	0.41847	0.51149
	% BRAIN:	16.158	13.912	18.024	16.792
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 3, 500mg/kg/d.F1P
SEX : MALE

ANIMAL NUMBER	:	9660-03	9662-01	9663-02	9664-02
DAYS ON TEST	:	22	24	25	22
DATE OF NECROPSY	:	24-JUL-03	04-AUG-03	29-JUL-03	24-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	67.9000	69.5000	67.3000	55.9000
.....					
BRAIN	G:	1.5120	1.5400	1.5970	1.4420
	% BODY :	2.227	2.216	2.373	2.580
.....					
SPLEEN	G:	0.3020	0.4010	0.3500	0.2080
	% BODY :	0.44477	0.57698	0.52006	0.37209
	% BRAIN:	19.974	26.039	21.916	14.424
.....					
THYMUS	G:	0.3200	0.3260	0.3060	0.1810
	% BODY :	0.47128	0.46906	0.45468	0.32379
	% BRAIN:	21.164	21.169	19.161	12.552
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 3, 500mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9665-03	9667-03	9669-02	9670-02
DAYS ON TEST	:	22	25	22	23
DATE OF NECROPSY	:	23-JUL-03	30-JUL-03	23-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	47.3000	61.6000	46.4000	73.4000
.....					
BRAIN	G:	1.4870	1.5140	1.4210	1.6110
	% BODY :	3.144	2.458	3.063	2.195
.....					
SPLEEN	G:	0.1720	0.3760	0.1710	0.4270
	% BODY :	0.36364	0.61039	0.36853	0.58174
	% BRAIN:	11.567	24.835	12.034	26.505
.....					
THYMUS	G:	0.2200	0.3420	0.2330	0.3390
	% BODY :	0.46512	0.55519	0.50216	0.46185
	% BRAIN:	14.795	22.589	16.397	21.043
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 3, 500mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9671-03	9672-02	9674-02
DAYS ON TEST	:	25	23	22
DATE OF NECROPSY	:	28-JUL-03	25-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0

.....
 FINAL BODY WEIGHT G: 58.2000 57.0000 42.8000

BRAIN	G:	1.4350	1.4970	1.2380
	% BODY :	2.466	2.626	2.893

.....
 SPLEEN G: 0.3220 0.2980 0.1350
 % BODY : 0.55326 0.52281 0.31542
 % BRAIN: 22.439 19.906 10.905

THYMUS	G:	0.2360	0.3260	0.2020
	% BODY :	0.40550	0.57193	0.47196
	% BRAIN:	16.446	21.777	16.317

.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 3, 500mg/kg/d.F1P
SEX : FEMALE

ANIMAL NUMBER	:	9651-11	9652-11	9653-10	9654-09
DAYS ON TEST	:	25	25	22	22
DATE OF NECROPSY	:	29-JUL-03	30-JUL-03	23-JUL-03	24-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	63.7000	59.8000	53.7000	60.7000
.....					
BRAIN	G:	1.5080	1.5140	1.4250	1.4370
	% BODY :	2.367	2.532	2.654	2.367
.....					
SPLEEN	G:	0.3120	0.2520	0.2980	0.3860
	% BODY :	0.48980	0.42140	0.55493	0.63591
	% BRAIN:	20.690	16.645	20.912	26.862
.....					
THYMUS	G:	0.3380	0.2800	0.2660	0.2000
	% BODY :	0.53061	0.46823	0.49534	0.32949
	% BRAIN:	22.414	18.494	18.667	13.918
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 3, 500mg/kg/d.F1P
SEX : FEMALE

		9655-09	9657-09	9658-07	9659-12
ANIMAL NUMBER	:	9655-09	9657-09	9658-07	9659-12
DAYS ON TEST	:	22	22	25	22
DATE OF NECROPSY	:	24-JUL-03	24-JUL-03	28-JUL-03	30-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	59.5000	48.5000	73.8000	47.9000
.....					
BRAIN	G:	1.4590	1.4230	1.5090	1.4430
	% BODY :	2.452	2.934	2.045	3.013
.....					
SPLEEN	G:	0.2650	0.2120	0.3140	0.2300
	% BODY :	0.44538	0.43711	0.42547	0.48017
	% BRAIN:	18.163	14.898	20.808	15.939
.....					
THYMUS	G:	0.2400	0.2440	0.3290	0.2330
	% BODY :	0.40336	0.50309	0.44580	0.48643
	% BRAIN:	16.450	17.147	21.803	16.147
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 3, 500mg/kg/d.F1P
 SEX : FEMALE

ANIMAL NUMBER	:	9660-10	9662-05	9663-11	9664-12
DAYS ON TEST	:	22	24	25	22
DATE OF NECROPSY	:	24-JUL-03	04-AUG-03	29-JUL-03	24-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	62.0000	68.1000	63.2000	57.0000
.....					
BRAIN	G:	1.5000	1.5190	1.5110	1.4420
	% BODY :	2.419	2.231	2.391	2.530
.....					
SPLEEN	G:	0.3520	0.3540	0.3540	0.2400
	% BODY :	0.56774	0.51982	0.56013	0.42105
	% BRAIN:	23.467	23.305	23.428	16.644
.....					
THYMUS	G:	0.2960	0.3180	0.2720	0.2300
	% BODY :	0.47742	0.46696	0.43038	0.40351
	% BRAIN:	19.733	20.935	18.001	15.950
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 3, 500mg/kg/d.F1P
 SEX : FEMALE

ANIMAL NUMBER	:	9665-12	9667-11	9669-08	9670-12
DAYS ON TEST	:	22	25	22	23
DATE OF NECROPSY	:	23-JUL-03	30-JUL-03	23-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	50.7000	64.0000	54.4000	68.8000
.....					
BRAIN	G:	1.5040	1.4660	1.5000	1.4860
	% BODY :	2.966	2.291	2.757	2.160
.....					
SPLEEN	G:	0.2370	0.4150	0.2650	0.3400
	% BODY :	0.46746	0.64844	0.48713	0.49419
	% BRAIN:	15.758	28.308	17.667	22.880
.....					
THYMUS	G:	0.2440	0.3500	0.2610	0.3640
	% BODY :	0.48126	0.54688	0.47978	0.52907
	% BRAIN:	16.223	23.874	17.400	24.495
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 3, 500mg/kg/d.F1P
 SEX : FEMALE

	9671-06	9672-07	9674-06
ANIMAL NUMBER			
DAYS ON TEST	25	23	22
DATE OF NECROPSY	28-JUL-03	25-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:	K0/K0	K0/K0	K0/K0

.....
 FINAL BODY WEIGHT G: 51.0000 53.2000 48.9000

	9671-06	9672-07	9674-06
BRAIN G:	1.3670	1.3670	1.3740
% BODY :	2.680	2.570	2.810

.....
 SPLEEN G: 0.2680 0.2780 0.2030
 % BODY : 0.52549 0.52256 0.41513
 % BRAIN: 19.605 20.337 14.774

	9671-06	9672-07	9674-06
THYMUS G:	0.2100	0.3810	0.2080
% BODY :	0.41176	0.71617	0.42536
% BRAIN:	15.362	27.871	15.138

.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9676-02	9677-02	9678-02	9679-02
DAYS ON TEST	:	25	25	25	23
DATE OF NECROPSY	:	29-JUL-03	28-JUL-03	28-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	73.4000	72.2000	71.0000	68.4000
.....					
BRAIN	G:	1.5300	1.6030	1.5440	1.4800
	% BODY :	2.084	2.220	2.175	2.164
.....					
SPLEEN	G:	0.3920	0.3400	0.3410	0.3330
	% BODY :	0.53406	0.47091	0.48028	0.48684
	% BRAIN:	25.621	21.210	22.085	22.500
.....					
THYMUS	G:	0.3140	0.2980	0.2610	0.2310
	% BODY :	0.42779	0.41274	0.36761	0.33772
	% BRAIN:	20.523	18.590	16.904	15.608
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9680-02	9681-02	9682-02	9683-02
DAYS ON TEST	:	23	23	23	25
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	25-JUL-03	30-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	57.2000	58.4000	71.6000	82.9000
.....					
BRAIN	G:	1.4700	1.4260	1.4330	1.5870
	% BODY :	2.570	2.442	2.001	1.914
.....					
SPLEEN	G:	0.3590	0.2640	0.3510	0.4070
	% BODY :	0.62762	0.45205	0.49022	0.49095
	% BRAIN:	24.422	18.513	24.494	25.646
.....					
THYMUS	G:	0.2590	0.2450	0.3330	0.2770
	% BODY :	0.45280	0.41952	0.46508	0.33414
	% BRAIN:	17.619	17.181	23.238	17.454
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9684-02	9685-02	9686-02	9687-02
DAYS ON TEST	:	25	23	23	25
DATE OF NECROPSY	:	30-JUL-03	25-JUL-03	25-JUL-03	30-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	77.7000	62.6000	59.3000	74.3000
.....					
BRAIN	G:	1.6300	1.4530	1.6250	1.5020
	% BODY :	2.098	2.321	2.740	2.022
.....					
SPLEEN	G:	0.3040	0.3920	0.2810	0.3620
	% BODY :	0.39125	0.62620	0.47386	0.48721
	% BRAIN:	18.650	26.979	17.292	24.101
.....					
THYMUS	G:	0.3400	0.2660	0.3270	0.2570
	% BODY :	0.43758	0.42492	0.55143	0.34590
	% BRAIN:	20.859	18.307	20.123	17.111
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9688-02	9689-02	9690-02	9691-02
DAYS ON TEST	:	25	25	25	25
DATE OF NECROPSY	:	29-JUL-03	29-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	71.4000	70.0000	79.9000	80.4000
.....					
BRAIN	G:	1.4430	1.5130	1.5910	1.5700
	% BODY :	2.021	2.161	1.991	1.953
.....					
SPLEEN	G:	0.3040	0.3320	0.3650	0.4520
	% BODY :	0.42577	0.47429	0.45682	0.56219
	% BRAIN:	21.067	21.943	22.942	28.790
.....					
THYMUS	G:	0.2870	0.2520	0.3400	0.3610
	% BODY :	0.40196	0.36000	0.42553	0.44900
	% BRAIN:	19.889	16.656	21.370	22.994
.....					

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 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
 SEX : MALE

		9692-03	9693-02	9694-02	9695-02
ANIMAL NUMBER	:	9692-03	9693-02	9694-02	9695-02
DAYS ON TEST	:	22	25	25	25
DATE OF NECROPSY	:	23-JUL-03	28-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	45.7000	68.8000	65.2000	66.7000
.....					
BRAIN	G:	1.4800	1.5230	1.6080	1.4890
	% BODY :	3.239	2.214	2.466	2.232
.....					
SPLEEN	G:	0.2250	0.4600	0.2870	0.2950
	% BODY :	0.49234	0.66860	0.44018	0.44228
	% BRAIN:	15.203	30.204	17.848	19.812
.....					
THYMUS	G:	0.2120	0.3210	0.2470	0.2750
	% BODY :	0.46389	0.46657	0.37883	0.41229
	% BRAIN:	14.324	21.077	15.361	18.469
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
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 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
 SEX : MALE

ANIMAL NUMBER	:	9696-02	9697-02	9698-02	9699-02
DAYS ON TEST	:	25	25	25	22
DATE OF NECROPSY	:	29-JUL-03	29-JUL-03	29-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	57.9000	69.2000	73.4000	57.1000
.....					
BRAIN	G:	1.3540	1.5510	1.5790	1.5300
	% BODY :	2.339	2.241	2.151	2.680
.....					
SPLEEN	G:	0.2870	0.3280	0.3250	0.3410
	% BODY :	0.49568	0.47399	0.44278	0.59720
	% BRAIN:	21.196	21.148	20.583	22.288
.....					
THYMUS	G:	0.3110	0.2680	0.2910	0.2690
	% BODY :	0.53713	0.38728	0.39646	0.47110
	% BRAIN:	22.969	17.279	18.429	17.582
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
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TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
SEX : MALE

ANIMAL NUMBER : 9700-01
DAYS ON TEST : 22
DATE OF NECROPSY : 31-JUL-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

FINAL BODY WEIGHT G: 58.4000
.....

BRAIN G: 1.4700
% BODY : 2.517
.....

SPLEEN G: 0.3050
% BODY : 0.52226
% BRAIN: 20.748
.....

THYMUS G: 0.3300
% BODY : 0.56507
% BRAIN: 22.449
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
 SEX : FEMALE

ANIMAL NUMBER	:	9676-09	9677-11	9678-15	9679-06
DAYS ON TEST	:	25	25	25	23
DATE OF NECROPSY	:	29-JUL-03	28-JUL-03	28-JUL-03	25-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	75.2000	65.1000	62.6000	56.0000
.....					
BRAIN	G:	1.5580	1.4820	1.4820	1.5250
	% BODY :	2.072	2.276	2.367	2.723
.....					
SPLEEN	G:	0.3700	0.3040	0.3230	0.2240
	% BODY :	0.49202	0.46697	0.51597	0.40000
	% BRAIN:	23.748	20.513	21.795	14.689
.....					
THYMUS	G:	0.3780	0.2720	0.2650	0.2700
	% BODY :	0.50266	0.41782	0.42332	0.48214
	% BRAIN:	24.262	18.354	17.881	17.705
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
 SEX : FEMALE

		9680-04	9681-10	9682-11	9683-09
ANIMAL NUMBER	:	9680-04	9681-10	9682-11	9683-09
DAYS ON TEST	:	23	23	23	25
DATE OF NECROPSY	:	25-JUL-03	25-JUL-03	25-JUL-03	30-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	61.3000	57.9000	68.3000	76.3000
.....					
BRAIN	G:	1.4010	1.3370	1.5410	1.5680
	% BODY :	2.285	2.309	2.256	2.055
.....					
SPLEEN	G:	0.3190	0.3130	0.4120	0.2840
	% BODY :	0.52039	0.54059	0.60322	0.37221
	% BRAIN:	22.769	23.411	26.736	18.112
.....					
THYMUS	G:	0.2960	0.2880	0.3620	0.3100
	% BODY :	0.48287	0.49741	0.53001	0.40629
	% BRAIN:	21.128	21.541	23.491	19.770
.....					

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TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
SEX : FEMALE

		9684-09	9685-09	9686-11	9687-12
ANIMAL NUMBER	:	9684-09	9685-09	9686-11	9687-12
DAYS ON TEST	:	25	23	23	25
DATE OF NECROPSY	:	30-JUL-03	25-JUL-03	25-JUL-03	30-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	70.4000	60.6000	56.5000	68.8000
.....					
BRAIN	G:	1.4540	1.3130	1.5570	1.4210
	% BODY :	2.065	2.167	2.756	2.065
.....					
SPLEEN	G:	0.2380	0.2820	0.2390	0.2570
	% BODY :	0.33807	0.46535	0.42301	0.37355
	% BRAIN:	16.369	21.478	15.350	18.086
.....					
THYMUS	G:	0.3310	0.3280	0.2670	0.2250
	% BODY :	0.47017	0.54125	0.47257	0.32703
	% BRAIN:	22.765	24.981	17.148	15.834
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
SEX : FEMALE

ANIMAL NUMBER	:	9688-10	9689-09	9690-08	9691-11
DAYS ON TEST	:	25	25	25	25
DATE OF NECROPSY	:	29-JUL-03	29-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	65.0000	68.1000	70.8000	64.4000
.....					
BRAIN	G:	1.5730	1.5550	1.5330	1.5580
	% BODY :	2.420	2.283	2.165	2.419
.....					
SPLEEN	G:	0.2880	0.3410	0.3360	0.3270
	% BODY :	0.44308	0.50073	0.47458	0.50776
	% BRAIN:	18.309	21.929	21.918	20.988
.....					
THYMUS	G:	0.2750	0.2950	0.3350	0.3150
	% BODY :	0.42308	0.43319	0.47316	0.48913
	% BRAIN:	17.483	18.971	21.853	20.218
.....					

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 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
 SEX : FEMALE

		9692-11	9693-11	9694-09	9695-09
ANIMAL NUMBER	:	9692-11	9693-11	9694-09	9695-09
DAYS ON TEST	:	22	25	25	25
DATE OF NECROPSY	:	23-JUL-03	28-JUL-03	29-JUL-03	29-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	47.5000	64.8000	68.7000	65.6000
.....					
BRAIN	G:	1.3940	1.4770	1.5390	1.5050
	% BODY :	2.935	2.279	2.240	2.294
.....					
SPLEEN	G:	0.2820	0.4230	0.3770	0.3830
	% BODY :	0.59368	0.65278	0.54876	0.58384
	% BRAIN:	20.230	28.639	24.496	25.449
.....					
THYMUS	G:	0.2390	0.3120	0.3060	0.2770
	% BODY :	0.50316	0.48148	0.44541	0.42226
	% BRAIN:	17.145	21.124	19.883	18.405
.....					

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 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
 SEX : FEMALE

ANIMAL NUMBER	:	9696-11	9697-09	9698-12	9699-09
DAYS ON TEST	:	25	25	25	22
DATE OF NECROPSY	:	29-JUL-03	29-JUL-03	29-JUL-03	23-JUL-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	52.8000	65.7000	70.2000	55.1000
.....					
BRAIN	G:	1.4700	1.5120	1.5770	1.4280
	% BODY :	2.784	2.301	2.246	2.592
.....					
SPLEEN	G:	0.2750	0.3410	0.3060	0.2710
	% BODY :	0.52083	0.51903	0.43590	0.49183
	% BRAIN:	18.707	22.553	19.404	18.978
.....					
THYMUS	G:	0.3200	0.3350	0.3380	0.2790
	% BODY :	0.60606	0.50989	0.48148	0.50635
	% BRAIN:	21.769	22.156	21.433	19.538
.....					

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TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F1P
SEX : FEMALE

ANIMAL NUMBER : 9700-10
DAYS ON TEST : 22
DATE OF NECROPSY : 31-JUL-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

FINAL BODY WEIGHT G: 52.9000
.....

BRAIN G: 1.4250
% BODY : 2.694
.....

SPLEEN G: 0.2800
% BODY : 0.52930
% BRAIN: 19.649
.....

THYMUS G: 0.3210
% BODY : 0.60681
% BRAIN: 22.526
.....

SPONSOR

TOTAL France S.A.
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51 Esplanade du Général de Gaulle
La Défense 10
92907 Paris-la-Défense CEDEX
France

On behalf of:

CEPSA
ENI S.p.A.
Fortum Oil and Gas Oy
Lyondell Chemical Europe Inc.
Oxeno Olefinchemie GmbH
Repsol Petróleo, S.A.
TOTAL France S.A.

TEST ITEM

**ETHYL TERTIARY BUTYL ETHER (ETBE)
CAS No. 637-92-3**

STUDY TITLE

**TWO-GENERATION STUDY
(REPRODUCTION AND FERTILITY EFFECTS)
BY ORAL ROUTE (GAVAGE) IN RATS**

STUDY DIRECTOR

Wassila Gaoua

EXPERIMENTAL COMPLETION DATE

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DATE OF ISSUE

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TEST FACILITY

CIT
BP 563 - 27005 Evreux - France

LABORATORY STUDY NUMBER

24859 RSR

Volume 3

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33. F0 generation - individual macroscopic and microscopic examinations

EXPLANATION OF CODES AND SYMBOLS

CODES AND SYMBOLS USED AT ANIMAL LEVEL:

M = Male animal
F = Female animal
K0 = Terminal sacrifice group
+ = Intercurrent death/sacrificed moribund
+2 = Sacrificed moribund

CODES AND SYMBOLS USED AT ORGAN LEVEL:

G = Gross observation checked off histologically
! = Gross observat.not checked off histologically
0 = Tissue not present for histologic examination
' = Histologic examination not required
+ = Organ examined, findings present
- = Organ examined, no pathologic findings noted (AOFT only)
(= Only one of paired organs examined/present

CODES AND SYMBOLS USED AT FINDING LEVEL:

GRADE 1 = Minimal / very few / very small
GRADE 2 = Slight / few / small
GRADE 3 = Moderate / moderate number / moderate size
GRADE 4 = Marked / many / large
P = Finding present, severity not scored
N0 = Malignant neoplasm
(= Finding unilateral in paired organs

EXPLANATION OF TABLE TEXT(S) USED AT FINDING LEVEL:

ADRENAL GLANDS

- Altered Cell Foci
= Altered cell foci
- Vacuol.Cortical cell
= Vacuolated cortical cell

EPIDIDYMIS (RIGHT)

- Spermatic granuloma
= Spermatic granuloma

KIDNEYS

- Aci.Glob.Cor.Tub.Ep.
= Acidophilic globules in cortical tubular epithelium

EXPLANATION OF CODES AND SYMBOLS

EXPLANATION OF TABLE TEXT(S) USED AT FINDING LEVEL:

- Inters.Mono.Cel.Agg.
 = Interstitial mononuclear cell aggregation
- Peritubular Fibrosis
 = Peritubular fibrosis
- Proteinaceous casts
 = Proteinaceous casts
- Tubular Basophilia
 = Tubular basophilia

LIVER

- Hepatocel.Hypertrop.
 = Hepatocellular hypertrophy

MANDIBULAR LYMPH NODES

- Plasmocytosis
 = Plasmocytosis
- Sinusal hemorrhage
 = Sinusal hemorrhage

OVARIES

- Diestrus
 = Diestrus
- Estrus
 = Estrus
- Few corpora lutea
 = Few corpora lutea
- Few follic.develop.
 = Few follicular development
- Metestrus
 = Metestrus
- Proestrus
 = Proestrus

PALPABLE MASSES

- Mammary ductul.carc.
 = Mammary ductular carcinoma

PITUITARY GLAND

- Development. Cyst(S)
 = Developmental cyst(s)

PROSTATE

- Inters.Mono.Cel.Agg.
 = Interstitial mononuclear cell aggregation
- Subacute Prostatitis

EXPLANATION OF CODES AND SYMBOLS

EXPLANATION OF TABLE TEXT(S) USED AT FINDING LEVEL:

= Subacute prostatitis

SPLEEN

- Capsular Thickening
= Capsular thickening

TESTES

- Deg.seminifer.tubul.
= Degeneration of seminiferous tubules
- Desquamat.spermatoc.
= Desquamated spermatocytes
- Dif.stag.sper.cyc.p.
= Different stages of spermatogenic cycle present
- Round sperm.norm.nu.
= Round spermatides in apparently normal number
- Spermatocytes norm.n
= Spermatocytes in apparently normal number
- Spermatogon.norm.n.
= Spermatogonia in apparently normal number
- Tailed sperm.norm.n.
= Tailed spermatides in apparently normal number

THYMUS

- Interstit.hemorrhage
= Interstitial hemorrhage
- Lymphoid Depletion
= Lymphoid depletion

THYROID GLANDS

- Development. Cyst(s)
= Developmental cyst(s)

UTERUS

- Diestrus
= Diestrus
- Dilated Lumen
= Dilated lumen
- End.epith.c.atrophy
= Endometrial epithelial cell atrophy
- Estrus
= Estrus
- Metestrus
= Metestrus
- Proestrus

EXPLANATION OF CODES AND SYMBOLS

EXPLANATION OF TABLE TEXT(S) USED AT FINDING LEVEL:

- = Proestrus
- Yell.pigm.lad.macro.
 - = Yellowish pigment laden macrophages

VAGINA

- Diestrus
 - = Diestrus
- Estrus
 - = Estrus
- Metestrus
 - = Metestrus
- Mucific.Vagin.Epith.
 - = Mucification vaginal epithelium
- Proestrus
 - = Proestrus

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9201	9202	9203	9204	9205	9206	9207	9208	9209	9210
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
ADRENAL GLANDS	-	-	-	-	-	-	-	-	-	-
EPIDIDYMIS, RIGHT	-	-	-	-	-	-	-	-	-	-
LIVER	'	'	'	0!	'	'	0!	'	'	'
PITUITARY GLAND	-	-	-	-	-	-	-	-	+	-
- Development. Cyst(S)	.	.	.	.	.	.	.	.	P.	.
PROSTATE	-	-	-	+	-	+	-	-	-	-
- Inters.Mono.Cel.Agg.	.	.	.	1.	.	1.	.	.	.	.
SEMINAL VESICLES	-	-	-	-	-	-	-	-	-	-
TESTES	+	+	+	+	+	+	+	+	+	+
- Tailed sperm.norm.n.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Round sperm.norm.nu.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Spermatocytes norm.n	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Spermatogon.norm.n.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Dif.stag.sper.cyc.p.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Desquamat.spermatoc.	.	.	.	.	( 1.	.	.	(1.	.	.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9211	9212	9213	9214	9215	9216	9217	9218	9219	9220
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
ADRENAL GLANDS	-	-	-	-	-	-	-	-	-	-
EPIDIDYMIS, RIGHT	-	-	-	-	-	-	-	-	-	-
PITUITARY GLAND	-	-	-	-	-	-	-	-	-	-
PROSTATE	-	-	-	+	-	-	-	-	+	+
- Inters.Mono.Cel.Agg.	.	.	.	1.	.	.	.	.	1.	1.
SEMINAL VESICLES	-	-	-	-	-	-	-	-	-	-
TESTES	+	+	+	+	+	+	+	+	+	+
- Tailed sperm.norm.n.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Round sperm.norm.nu.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Spermatocytes norm.n	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Spermatogon.norm.n.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Dif.stag.sper.cyc.p.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Desquamat.spermatoc.	.	(1.	(1.	.	.	(1.	.	(1.	.	(1.
- Deg.seminifer.tubul.	.	(1.	.	(1.	.	.	.	.	.	.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

 ANIMAL NUMBER : B2 B2 B2 B2 B2
 9221 9222 9223 9224 9225
 MK0 MK0 MK0 MK0 MK0

 ADRENAL GLANDS - - - - -

.....
 EPIDIDYMIS, RIGHT - - - - -

.....
 LIVER / / / -G /

.....
 PITUITARY GLAND - - - - -

.....
 PROSTATE

- Inters.Mono.Cel.Agg. . 1. . 1. .

.....
 SEMINAL VESICLES - - - - -

.....
 TESTES + + + + +

- Tailed sperm.norm.n. P. P. P. P. P.

- Round sperm.norm.nu. P. P. P. P. P.

- Spermatocytes norm.n P. P. P. P. P.

- Spermatogon.norm.n. P. P. P. P. P.

- Dif.stag.sper.cyc.p. P. P. P. P. P.

- Desquamat.spermatoc. (1.

.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9601	9602	9603	9604	9605	9606	9607	9608	9609	9610
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0
ADRENAL GLANDS	-	-	-	-	-	-	-	-	-	-
OVARIES	+	+	+	+	+	+	+	+	+	+
- Proestrus	.	.	.	.	P.	.	.	.	P.	.
- Estrus	.	.	.	.	.	.	.	P.	.	.
- Metestrus	.	P.	.	.	.	.	P.	.	.	P.
- Diestrus	P.	.	P.	P.	.	P.	.	.	.	.
OVIDUCTS	-	-	-	-	-	-	-	-	-	-
PITUITARY GLAND	-	-	-	-	-	-	-	-	-	0
SKIN	'	'	'	'	'	'	'	'	-G	'
THYMUS	'	'	'	'	'	'	-G	+G	+G	'
- Lymphoid Depletion	.	.	.	.	.	.	.	.	2.	.
- Interstit.hemorrhage	.	.	.	.	.	.	.	2.	2.	.
UTERUS	+	+	+	+	+	+	+	+	+	+
- Proestrus	.	.	.	.	P.	.	.	.	P.	.
- Estrus	.	.	.	.	.	.	.	P.	.	.
- Metestrus	.	P.	.	.	.	.	P.	.	.	P.
- Diestrus	P.	.	P.	P.	.	P.	.	.	.	.
- Yell.pigm.lad.macro.	.	.	.	.	.	2.	.	.	.	.
VAGINA	+	+	+	+	+	+	+	+	+	+
- Proestrus	.	.	.	.	P.	.	.	.	P.	.
- Estrus	.	.	.	.	.	.	.	P.	.	.
- Metestrus	.	P.	.	.	.	.	P.	.	.	P.
- Diestrus	P.	.	P.	P.	.	P.	.	.	.	.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

 ANIMAL NUMBER : B2 B2 B2 B2 B2
 9621 9622 9623 9624 9625
 FK0 FK0 FK0 FK0 FK0

ADRENAL GLANDS	-	-	-	-	-
.....					
OVARIES	+	+	+	+	+
- Estrus	.	.	P.	.	.
- Metestrus	P.	.	.	P.	.
- Diestrus	.	P.	.	.	P.
.....					
OVIDUCTS	-	-	-	-	-
.....					
PITUITARY GLAND	-	-	-	-	-
.....					
UTERUS	+	+	+	+	+
- Estrus	.	.	P.	.	.
- Metestrus	P.	.	.	P.	.
- Diestrus	.	P.	.	.	P.
.....					
VAGINA	+	+	+	+	+
- Estrus	.	.	P.	.	.
- Metestrus	P.	.	.	P.	.
- Diestrus	.	P.	.	.	P.
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

ANIMAL NUMBER : B2 B2 B2 B2 B2 B2 B2 B2 B2 B2
 9226 9227 9228 9229 9230 9231 9232 9233 9234 9235
 MK0 MK0 MK0 MK0 MK0 MK0 MK0 MK0 MK0 MK0

KIDNEYS ' ' ' ! ' ' ' ' ' ' '
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS
 DOSE GROUP : 2, 250mg/kg/d.F0

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9236	9237	9238	9239	9240	9241	9242	9243	9244	9245
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
ADRENAL GLANDS	'	'	'!	'	'	'	'	'	'	'
LIVER	'	'	'	'	'!	'	'	'	'	'
THYROID GLANDS	'	'	'	'	'	'!	'	'	'	'

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

ANIMAL NUMBER : B2 B2 B2 B2 B2
 9646 9647 9648 9649 9650
 FK0 FK0 FK0 FK0 FK0

THYMUS ' ' ' ! ' '

.....
UTERUS ' ' ' ' ! '

.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F0

ANIMAL NUMBER : B2 B2 B2 B2 B2 B2 B2 B2 B2 B2
 9261 9262 9263 9264 9265 9266 9267 9268 9269 9270
 MK0 MK0 MK0 MK0 MK0 MK0 MK0 MK0 MK0 MK0 MK0

KIDNEYS ' ' ' ' ' ' ' ' ' '
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F0

ANIMAL NUMBER : B2 B2 B2 B2 B2 B2 B2 B2 B2 B2
 9651 9652 9653 9654 9655 9656 9657 9658 9659 9660
 FK0 FK0 FK0 FK0 FK0 FK0 FK0 FK0 FK0 FK0

THYMUS ' ' ' ' '!' ' '!' '!' ' '!'
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS
 DOSE GROUP : 3, 500mg/kg/d.F0

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9661	9662	9663	9664	9665	9666	9667	9668	9669	9670
	FK0+	FK0	FK0	FK0	FK0	FK0	FK0	FK0+	FK0	FK0
SKIN	'	'	'	'	'!	'	'	'	'	'
THYMUS	'	'	'!	'!	'	'	'	'	'	'!
UTERUS	'	'	'	'	'	'	'	'!	'	'

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F0

ANIMAL NUMBER : B2 B2 B2 B2 B2
 9671 9672 9673 9674 9675
 FK0 FK0 FK0 FK0 FK0+

VAGINA ' ' ' ! ' '
.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9286	9287	9288	9289	9290	9291	9292	9293	9294	9295
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
ADRENAL GLANDS	-	-	-	-	-	-	-	+	-	-
- Vacuol.Cortical cell	.	.	.	.	.	.	.	2.	.	.
EPIDIDYMIS, RIGHT	-	+	-	-	-	-	-	-	-	-
- Spermatic granuloma	.	P.	.	.	.	.	.	.	.	.
KIDNEYS	'	'	'	'	'	'	'	'	+G	'
- Tubular Basophilia									2.	
- Peritubular Fibrosis									1.	
- Aci.Glob.Cor.Tub.Ep.									3.	
- Inters.Mono.Cel.Agg.									1.	
LIVER	'	'	'	0!	'	'	'	'	'	+G
- Hepatocel.Hypertrop.				.						2.
PITUITARY GLAND	-	-	-	-	-	-	-	-	-	-
PROSTATE	+	-	-	+	-	-	-	-	+	-
- Inters.Mono.Cel.Agg.	.	.	.	1.	.	.	.	.	1.	.
- Subacute Prostatitis	2.	.	.	.	.	.	.	.	.	.
SEMINAL VESICLES	-	-	-	-	-	-	-	-	-	-
TESTES	+	+	+	+	+	+	+	+	+	+
- Tailed sperm.norm.n.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Round sperm.norm.nu.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Spermatocytes norm.n	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Spermatogon.norm.n.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Dif.stag.sper.cyc.p.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Desquamat.spermatoc.	.	.	.	(1.	.	.	.	.	.	.
- Deg.seminifer.tubul.	(1.	.	.	.	.	.	.	.	( 1.	.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

 ANIMAL NUMBER : B2 B2 B2 B2 B2
 9296 9297 9298 9299 9300
 MK0 MK0 MK0 MK0 MK0

 ADRENAL GLANDS - - - + -
 - Altered Cell Foci . . . (1. .

.....
 EPIDIDYMIS, RIGHT - - -G - -

.....
 PITUITARY GLAND - - - - -

.....
 PROSTATE - + + - -
 - Inters.Mono.Cel.Agg. . 1. 1. . .

.....
 SEMINAL VESICLES - - - - -

.....
 TESTES + + + + +
 - Tailed sperm.norm.n. P. P. P. P. P.
 - Round sperm.norm.nu. P. P. P. P. P.
 - Spermatocytes norm.n P. P. P. P. P.
 - Spermatogon.norm.n. P. P. P. P. P.
 - Dif.stag.sper.cyc.p. P. P. P. P. P.

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CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9676	9677	9678	9679	9680	9681	9682	9683	9684	9685
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0
ADRENAL GLANDS	-	-	-	-	-	-	-	-	-	-
KIDNEYS	(-G	'	'	'	'	'	'	'	'	'
OVARIES	+	+	+	+	+	+	+	+	+	+
- Proestrus	.	.	P.	.	.	P.	.	.	.	P.
- Estrus	.	.	.	.	.	.	.	P.	.	.
- Metestrus	.	P.	.	.	.	.	P.	.	P.	.
- Diestrus	P.	.	.	P.	P.	.	.	.	.	.
OVIDUCTS	-	-	-	-	-	-	-	-	-	-
PITUITARY GLAND	-	-	-	-	-	-	-	-	-	-
THYMUS	+G	'	'	'	'	'	-G	'	'	'
- Lymphoid Depletion	2.						.			
THYROID GLANDS	'	'	'	'	'	'	'	+G	'	'
- Development. Cyst(s)								(P.		
UTERUS	+	+	+	+	+	+	+	+	+	+G
- Proestrus	.	.	P.	.	.	P.	.	.	.	P.
- Estrus	.	.	.	.	.	.	.	P.	.	.
- Metestrus	.	P.	.	.	.	.	P.	.	P.	.
- Diestrus	P.	.	.	P.	P.	.	.	.	.	.
- Dilated Lumen	.	.	.	.	.	.	.	.	.	4.
VAGINA	+	+	0	+	+	+	+	+	+	+
- Proestrus	.	.	.	.	.	P.	.	.	.	P.
- Estrus	.	.	.	.	.	.	.	P.	.	.
- Metestrus	.	P.	.	.	.	.	P.	.	P.	.
- Diestrus	P.	.	.	P.	P.	.	.	.	.	.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
 TOTAL France S.A.

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

 ANIMAL NUMBER : B2 B2 B2 B2 B2
 9696 9697 9698 9699 9700
 FK0 FK0 FK0 FK0 FK0

ADRENAL GLANDS	-	-	-	-	-
.....					
OVARIES	+	+	+	+	+
- Metestrus	.	P.	P.	P.	.
- Diestrus	P.	.	.	.	P.
.....					
OVIDUCTS	-	-	(-	-	-
.....					
PALPABLE MASSES	+G	'	'	'	'
- Mammary ductul.carc.	N0.				
.....					
PITUITARY GLAND	-	-	-	-	-
.....					
THYMUS	'	'	+G	'	'
- Lymphoid Depletion			2.		
.....					
UTERUS	+	+	+	+	+
- Metestrus	.	P.	P.	P.	.
- Diestrus	P.	.	.	.	P.
.....					
VAGINA	+	+	+	+	+
- Metestrus	.	P.	P.	P.	.
- Diestrus	P.	.	.	.	P.
.....					

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

ANIMAL HEADING DATA

DOSE GROUP : 1, 0mg/kg/d.F0

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	FINAL NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY
B29201	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29202	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29203	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29204	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29205	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29206	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29207	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29208	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29209	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29210	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29211	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29212	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29213	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29214	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29215	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29216	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29217	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29218	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29219	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29220	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29221	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29222	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29223	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29224	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29225	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29601	F	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29602	F	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29603	F	K0	K0	115	31-MAR-03 23-JUL-03	23-JUL-03
B29604	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29605	F	K0	K0	122	31-MAR-03 30-JUL-03	30-JUL-03
B29606	F	K0	K0	115	31-MAR-03 23-JUL-03	23-JUL-03
B29607	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29608	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29609	F	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29610	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29611	F	K0	K0	123	31-MAR-03 31-JUL-03	31-JUL-03
B29612	F	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29613	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29614	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29615	F	K0	K0	122	31-MAR-03 30-JUL-03	30-JUL-03

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

ANIMAL HEADING DATA

DOSE GROUP : 1, 0mg/kg/d.F0

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY	
B29616	F	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29617	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29618	F	K0	K0	115	31-MAR-03 23-JUL-03	23-JUL-03
B29619	F	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29620	F	K0	K0	107	31-MAR-03 15-JUL-03	15-JUL-03
B29621	F	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29622	F	K0	K0	127	31-MAR-03 04-AUG-03	04-AUG-03
B29623	F	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29624	F	K0	K0	101	31-MAR-03 09-JUL-03	09-JUL-03
B29625	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03

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CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29201 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

-Tailed spermatides in apparently normal number, bilateral
-Round spermatides in apparently normal number, bilateral
-Spermatocytes in apparently normal number, bilateral
-Spermatogonia in apparently normal number, bilateral
-Different stages of spermatogenic cycle present, bilateral
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29202 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
 - Round spermatides in apparently normal number, bilateral
 - Spermatocytes in apparently normal number, bilateral
 - Spermatogonia in apparently normal number, bilateral
 - Different stages of spermatogenic cycle present, bilateral
- ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.
-

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29203 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

-Tailed spermatides in apparently normal number, bilateral
-Round spermatides in apparently normal number, bilateral
-Spermatocytes in apparently normal number, bilateral
-Spermatogonia in apparently normal number, bilateral
-Different stages of spermatogenic cycle present, bilateral
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29204 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

LIVER:

01: Accentuated lobular pattern.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

LIVER:

Tissue not present for histologic examination

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29205 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
 - Round spermatides in apparently normal number, bilateral
 - Spermatocytes in apparently normal number, bilateral
 - Spermatogonia in apparently normal number, bilateral
 - Different stages of spermatogenic cycle present, bilateral
 - Desquamated spermatocytes, unilateral, grade 1
- ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.
-

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29206 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29207 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

LIVER:

01: Accentuated lobular pattern.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

LIVER:

Tissue not present for histologic examination

TESTES:

-Tailed spermatides in apparently normal number, bilateral
-Round spermatides in apparently normal number, bilateral
-Spermatocytes in apparently normal number, bilateral
-Spermatogonia in apparently normal number, bilateral
-Different stages of spermatogenic cycle present, bilateral
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29208 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
 - Round spermatides in apparently normal number, bilateral
 - Spermatocytes in apparently normal number, bilateral
 - Spermatogonia in apparently normal number, bilateral
 - Different stages of spermatogenic cycle present, bilateral
 - Desquamated spermatocytes, unilateral, grade 1
- ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.
-

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29209 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PITUITARY GLAND:

-Developmental cyst(s)

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29210 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

-Tailed spermatides in apparently normal number, bilateral
-Round spermatides in apparently normal number, bilateral
-Spermatocytes in apparently normal number, bilateral
-Spermatogonia in apparently normal number, bilateral
-Different stages of spermatogenic cycle present, bilateral
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29211 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

-Tailed spermatides in apparently normal number, bilateral
-Round spermatides in apparently normal number, bilateral
-Spermatocytes in apparently normal number, bilateral
-Spermatogonia in apparently normal number, bilateral
-Different stages of spermatogenic cycle present, bilateral
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29212 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
 - Round spermatides in apparently normal number, bilateral
 - Spermatocytes in apparently normal number, bilateral
 - Spermatogonia in apparently normal number, bilateral
 - Different stages of spermatogenic cycle present, bilateral
 - Desquamated spermatocytes, unilateral, grade 1
 - Degeneration of seminiferous tubules, unilateral, grade 1
- ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.
-

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29213 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
 - Round spermatides in apparently normal number, bilateral
 - Spermatocytes in apparently normal number, bilateral
 - Spermatogonia in apparently normal number, bilateral
 - Different stages of spermatogenic cycle present, bilateral
 - Desquamated spermatocytes, unilateral, grade 1
- ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.
-

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29214 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

-Degeneration of seminiferous tubules, unilateral, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29215 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
 - Round spermatides in apparently normal number, bilateral
 - Spermatocytes in apparently normal number, bilateral
 - Spermatogonia in apparently normal number, bilateral
 - Different stages of spermatogenic cycle present, bilateral
- ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.
-

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29216 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
 - Round spermatides in apparently normal number, bilateral
 - Spermatocytes in apparently normal number, bilateral
 - Spermatogonia in apparently normal number, bilateral
 - Different stages of spermatogenic cycle present, bilateral
 - Desquamated spermatocytes, unilateral, grade 1
- ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.
-

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29217 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

-Tailed spermatides in apparently normal number, bilateral
-Round spermatides in apparently normal number, bilateral
-Spermatocytes in apparently normal number, bilateral
-Spermatogonia in apparently normal number, bilateral
-Different stages of spermatogenic cycle present, bilateral
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29218 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
 - Round spermatides in apparently normal number, bilateral
 - Spermatocytes in apparently normal number, bilateral
 - Spermatogonia in apparently normal number, bilateral
 - Different stages of spermatogenic cycle present, bilateral
 - Desquamated spermatocytes, unilateral, grade 1
- ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.
-

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29219 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29220 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

-Desquamated spermatocytes, unilateral, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29221 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

-Tailed spermatides in apparently normal number, bilateral
-Round spermatides in apparently normal number, bilateral
-Spermatocytes in apparently normal number, bilateral
-Spermatogonia in apparently normal number, bilateral
-Different stages of spermatogenic cycle present, bilateral
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29222 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29223 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

-Tailed spermatides in apparently normal number, bilateral
-Round spermatides in apparently normal number, bilateral
-Spermatocytes in apparently normal number, bilateral
-Spermatogonia in apparently normal number, bilateral
-Different stages of spermatogenic cycle present, bilateral
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29224 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

LIVER:

01: Accentuated lobular pattern.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

LIVER:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTES:

-Tailed spermatides in apparently normal number, bilateral
-Round spermatides in apparently normal number, bilateral
-Spermatocytes in apparently normal number, bilateral
-Spermatogonia in apparently normal number, bilateral
-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29225 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
 - Round spermatides in apparently normal number, bilateral
 - Spermatocytes in apparently normal number, bilateral
 - Spermatogonia in apparently normal number, bilateral
 - Different stages of spermatogenic cycle present, bilateral
 - Desquamated spermatocytes, unilateral, grade 1
- ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.
-

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29601 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29602 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29603 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 23.07.03
DAYS ON TEST : 115
DATE OF NECROPSY : 23.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29604 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29605 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 30.07.03
DAYS ON TEST : 122
DATE OF NECROPSY : 30.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29606 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 23.07.03
DAYS ON TEST : 115
DATE OF NECROPSY : 23.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

-Yellowish pigment laden macrophages, myometrium, grade 2

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29607 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

THYMUS:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29608 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Right lobe: reddish color.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Estrus, bilateral

THYMUS:

-Interstitial hemorrhage, grade 2

This finding corresponds to necropsy observation no: 01.

UTERUS:

-Estrus

VAGINA:

-Estrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29609 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

SKIN:

01: Alopecia, diffuse, (a).

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

SKIN:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

THYMUS:

-Lymphoid depletion, grade 2

This finding corresponds to necropsy observation no: 01.

-Interstitial hemorrhage, grade 2

UTERUS:

-Proestrus

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29610 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 24.07.03
DAYS ON TEST : 116
DATE OF NECROPSY : 24.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

PITUITARY GLAND:

Tissue not present for histologic examination

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29611 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 31.07.03
DAYS ON TEST : 123
DATE OF NECROPSY : 31.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

MANDIBULAR LYMPH NODES:

01: Foci reddish/purplish, many, punctiform, (a).
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

MANDIBULAR LYMPH NODES:

- Plasmocytosis, bilateral, grade 2
- Sinusal hemorrhage, bilateral, grade 2

This finding corresponds to necropsy observation no: 01.

OVARIES:

- Few corpora lutea, bilateral
- Few follicular development, bilateral

UTERUS:

- Endometrial epithelial cell atrophy, grade 2

VAGINA:

- Mucification vaginal epithelium, grade 3

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29612 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29613 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 24.07.03
DAYS ON TEST : 116
DATE OF NECROPSY : 24.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

-Yellowish pigment laden macrophages, myometrium, grade 2

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29614 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: Both horns: dilatation, serous contents.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus

This finding corresponds to necropsy observation no: 01.

-Dilated lumen, grade 2

This finding corresponds to necropsy observation no: 01.

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29615 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 30.07.03
DAYS ON TEST : 122
DATE OF NECROPSY : 30.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29616 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

THYMUS:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

-Interstitial hemorrhage, grade 2

UTERUS:

-Proestrus

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29617 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Estrus, bilateral

PITUITARY GLAND:

-Developmental cyst(s)

UTERUS:

-Estrus

VAGINA:

-Estrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29618 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 23.07.03
DAYS ON TEST : 115
DATE OF NECROPSY : 23.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29619 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29620 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 15.07.03
DAYS ON TEST : 107
DATE OF NECROPSY : 15.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: Both horns: dilatation, serous contents.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus

This finding corresponds to necropsy observation no: 01.

-Dilated lumen, grade 4

This finding corresponds to necropsy observation no: 01.

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29621 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29622 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 04.08.03
DAYS ON TEST : 127
DATE OF NECROPSY : 04.08.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29623 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Estrus, bilateral

UTERUS:

-Estrus

VAGINA:

-Estrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29624 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 09.07.03
DAYS ON TEST : 101
DATE OF NECROPSY : 09.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F0

* ANIMAL NUMBER : B29625 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 24.07.03
DAYS ON TEST : 116
DATE OF NECROPSY : 24.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

ANIMAL HEADING DATA

DOSE GROUP : 2, 250mg/kg/d.F0

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	FINAL NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY
B29226	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29227	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29228	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29229	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29230	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29231	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29232	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29233	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29234	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29235	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29236	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29237	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29238	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29239	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29240	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29241	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29242	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29243	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29244	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29245	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29246	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29247	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29248	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29249	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29250	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29626	F	K0	+2	101	31-MAR-03 09-JUL-03	09-JUL-03
B29627	F	K0	K0	122	31-MAR-03 30-JUL-03	30-JUL-03
B29628	F	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29629	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29630	F	K0	K0	101	31-MAR-03 09-JUL-03	09-JUL-03
B29631	F	K0	K0	101	31-MAR-03 09-JUL-03	09-JUL-03
B29632	F	K0	K0	115	31-MAR-03 23-JUL-03	23-JUL-03
B29633	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29634	F	K0	K0	129	31-MAR-03 06-AUG-03	06-AUG-03
B29635	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29636	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29637	F	K0	K0	115	31-MAR-03 23-JUL-03	23-JUL-03
B29638	F	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29639	F	K0	K0	115	31-MAR-03 23-JUL-03	23-JUL-03
B29640	F	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

ANIMAL HEADING DATA

DOSE GROUP : 2, 250mg/kg/d.F0

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY	
B29641	F	K0	K0	115	31-MAR-03 23-JUL-03	23-JUL-03
B29642	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29643	F	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29644	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29645	F	K0	K0	99	31-MAR-03 07-JUL-03	07-JUL-03
B29646	F	K0	K0	122	31-MAR-03 30-JUL-03	30-JUL-03
B29647	F	K0	K0	107	31-MAR-03 15-JUL-03	15-JUL-03
B29648	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29649	F	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29650	F	K0	K0	115	31-MAR-03 23-JUL-03	23-JUL-03

.....

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29228 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: Grey/green color.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29238 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

ADRENAL GLANDS:

01: Right: reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29240 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

LIVER:

01: Paleness.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29241 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYROID GLANDS:
01: Enlarged.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29626 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 09.07.03
DAYS ON TEST : 101
DATE OF NECROPSY : 09.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : SACRIFICED MORIBUND
.....

* NECROPSY FINDINGS

ADRENAL GLANDS:
01: Enlarged.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29629 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 24.07.03
DAYS ON TEST : 116
DATE OF NECROPSY : 24.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29631 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 09.07.03
DAYS ON TEST : 101
DATE OF NECROPSY : 09.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:
01: Both horns: serous contents.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29638 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: Both horns: dilatation, serous contents.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29640 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYROID GLANDS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29642 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29643 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

UTERUS:

01: Both horns: dilatation, serous contents.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29644 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 24.07.03
DAYS ON TEST : 116
DATE OF NECROPSY : 24.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29648 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 24.07.03
DAYS ON TEST : 116
DATE OF NECROPSY : 24.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F0

* ANIMAL NUMBER : B29649 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: Both horns: dilatation, serous contents.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

- ALL OTHER ANIMALS IN DOSE GROUP WITHOUT PATHOLOGICAL FINDINGS -

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

ANIMAL HEADING DATA

DOSE GROUP : 3, 500mg/kg/d.F0

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	FINAL NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY
B29251	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29252	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29253	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29254	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29255	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29256	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29257	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29258	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29259	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29260	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29261	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29262	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29263	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29264	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29265	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29266	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29267	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29268	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29269	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29270	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29271	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29272	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29273	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29274	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29275	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29651	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29652	F	K0	K0	122	31-MAR-03 30-JUL-03	30-JUL-03
B29653	F	K0	K0	115	31-MAR-03 23-JUL-03	23-JUL-03
B29654	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29655	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29656	F	K0	K0	99	31-MAR-03 07-JUL-03	07-JUL-03
B29657	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29658	F	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29659	F	K0	K0	122	31-MAR-03 30-JUL-03	30-JUL-03
B29660	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29661	F	K0	+2	103	31-MAR-03 11-JUL-03	11-JUL-03
B29662	F	K0	K0	127	31-MAR-03 04-AUG-03	04-AUG-03
B29663	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29664	F	K0	K0	116	31-MAR-03 24-JUL-03	24-JUL-03
B29665	F	K0	K0	115	31-MAR-03 23-JUL-03	23-JUL-03

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

ANIMAL HEADING DATA

DOSE GROUP : 3, 500mg/kg/d.F0

ANIMAL NUMBER	SEX M/F	DEFINED AND STATE OF	FINAL NECROPSY	TEST DAYS	FIRST AND DAY UNDER	LAST TEST	DATE OF NECROPSY
B29666	F	K0	K0	99	31-MAR-03	07-JUL-03	07-JUL-03
B29667	F	K0	K0	122	31-MAR-03	30-JUL-03	30-JUL-03
B29668	F	K0	+2	96	31-MAR-03	04-JUL-03	04-JUL-03
B29669	F	K0	K0	115	31-MAR-03	23-JUL-03	23-JUL-03
B29670	F	K0	K0	117	31-MAR-03	25-JUL-03	25-JUL-03
B29671	F	K0	K0	120	31-MAR-03	28-JUL-03	28-JUL-03
B29672	F	K0	K0	117	31-MAR-03	25-JUL-03	25-JUL-03
B29673	F	K0	K0	99	31-MAR-03	07-JUL-03	07-JUL-03
B29674	F	K0	K0	115	31-MAR-03	23-JUL-03	23-JUL-03
B29675	F	K0	+2	96	31-MAR-03	04-JUL-03	04-JUL-03

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CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F0

* ANIMAL NUMBER : B29267 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: Grey/green color.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 3, 500mg/kg/d.F0

* ANIMAL NUMBER : B29655 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 24.07.03
DAYS ON TEST : 116
DATE OF NECROPSY : 24.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:
01: Reduced in size.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F0

* ANIMAL NUMBER : B29657 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 24.07.03
DAYS ON TEST : 116
DATE OF NECROPSY : 24.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 3, 500mg/kg/d.F0

* ANIMAL NUMBER : B29658 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:
01: Reduced in size.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F0

* ANIMAL NUMBER : B29660 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 24.07.03
DAYS ON TEST : 116
DATE OF NECROPSY : 24.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 3, 500mg/kg/d.F0

* ANIMAL NUMBER : B29663 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:
01: Reduced in size.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F0

* ANIMAL NUMBER : B29664 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 24.07.03
DAYS ON TEST : 116
DATE OF NECROPSY : 24.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F0

* ANIMAL NUMBER : B29665 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 23.07.03
DAYS ON TEST : 115
DATE OF NECROPSY : 23.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

SKIN:

01: Forelimbs, alopecia, approx 1 cm long, approx 0.5 cm wide,
(a).

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F0

* ANIMAL NUMBER : B29668 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 04.07.03
DAYS ON TEST : 96
DATE OF NECROPSY : 04.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : SACRIFICED MORIBUND
.....

* NECROPSY FINDINGS

UTERUS:

01: Right horn: cranial part, mass reddish/purplish, approx 1.5
cm long, approx 1 cm wide, firm, homogenous.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F0

* ANIMAL NUMBER : B29670 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 3, 500mg/kg/d.F0

* ANIMAL NUMBER : B29673 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 07.07.03
DAYS ON TEST : 99
DATE OF NECROPSY : 07.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

VAGINA:

01: Translucent contents, thick.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

- ALL OTHER ANIMALS IN DOSE GROUP WITHOUT PATHOLOGICAL FINDINGS -

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

ANIMAL HEADING DATA

DOSE GROUP : 4, 1000mg/kg/d.F0

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	FINAL NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY
B29276	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29277	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29278	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29279	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29280	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29281	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29282	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29283	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29284	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29285	M	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29286	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29287	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29288	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29289	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29290	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29291	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29292	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29293	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29294	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29295	M	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29296	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29297	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29298	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29299	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29300	M	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29676	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29677	F	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29678	F	K0	K0	120	31-MAR-03 28-JUL-03	28-JUL-03
B29679	F	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29680	F	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29681	F	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29682	F	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29683	F	K0	K0	122	31-MAR-03 30-JUL-03	30-JUL-03
B29684	F	K0	K0	122	31-MAR-03 30-JUL-03	30-JUL-03
B29685	F	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29686	F	K0	K0	117	31-MAR-03 25-JUL-03	25-JUL-03
B29687	F	K0	K0	122	31-MAR-03 30-JUL-03	30-JUL-03
B29688	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29689	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03
B29690	F	K0	K0	121	31-MAR-03 29-JUL-03	29-JUL-03

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

ANIMAL HEADING DATA

DOSE GROUP : 4, 1000mg/kg/d.F0

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ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY
B29691	F	K0	K0	121 31-MAR-03	29-JUL-03
B29692	F	K0	K0	115 31-MAR-03	23-JUL-03
B29693	F	K0	K0	120 31-MAR-03	28-JUL-03
B29694	F	K0	K0	121 31-MAR-03	29-JUL-03
B29695	F	K0	K0	121 31-MAR-03	29-JUL-03
B29696	F	K0	K0	121 31-MAR-03	29-JUL-03
B29697	F	K0	K0	121 31-MAR-03	29-JUL-03
B29698	F	K0	K0	121 31-MAR-03	29-JUL-03
B29699	F	K0	K0	115 31-MAR-03	23-JUL-03
B29700	F	K0	K0	123 31-MAR-03	31-JUL-03

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CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29276 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: Paleness.

SPLEEN:

01: Granular surface.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

KIDNEYS:

-Tubular basophilia, bilateral, grade 3

This finding corresponds to necropsy observation no: 01.

-Peritubular fibrosis, bilateral, grade 1

-Interstitial mononuclear cell aggregation, bilateral, grade 1

SPLEEN:

-Capsular thickening, grade 2

This finding corresponds to necropsy observation no: 01.

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29277 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

SPLEEN:

01: Granular surface.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

SPLEEN:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29278 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: Grey/green color.

LIVER:

01: Enlarged.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Vacuolated cortical cell, bilateral, grade 2

KIDNEYS:

-Acidophilic globules in cortical tubular epithelium, bilateral,
grade 2

This finding corresponds to necropsy observation no: 01.

LIVER:

-Hepatocellular hypertrophy, grade 3

This finding corresponds to necropsy observation no: 01.

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29279 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29280 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: Grey/green color.

SEMINAL VESICLES+ COAGULATING GLANDS:

01: Enlarged.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

KIDNEYS:

-Tubular basophilia, bilateral, grade 2

-Peritubular fibrosis, bilateral, grade 1

-Acidophilic globules in cortical tubular epithelium, bilateral,
grade 3

This finding corresponds to necropsy observation no: 01.

-Proteinaceous casts, unilateral, grade 1

SEMINAL VESICLES+ COAGULATING GLANDS:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29281 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: Grey/green color.

LIVER:

01: Enlarged.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

KIDNEYS:

-Tubular basophilia, unilateral, grade 1

-Acidophilic globules in cortical tubular epithelium, bilateral,
grade 2

This finding corresponds to necropsy observation no: 01.

LIVER:

-Hepatocellular hypertrophy, grade 2

This finding corresponds to necropsy observation no: 01.

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29282 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

Tissue not present for histologic examination

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29283 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29284 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29285 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: Grey/green color.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

KIDNEYS:

-Acidophilic globules in cortical tubular epithelium, bilateral,
grade 3

This finding corresponds to necropsy observation no: 01.

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29286 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Subacute prostatitis, grade 2

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral
- Degeneration of seminiferous tubules, unilateral, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29287 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

EPIDIDYMIS (RIGHT):

-Spermatic granuloma

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29288 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

-Tailed spermatides in apparently normal number, bilateral
-Round spermatides in apparently normal number, bilateral
-Spermatocytes in apparently normal number, bilateral
-Spermatogonia in apparently normal number, bilateral
-Different stages of spermatogenic cycle present, bilateral
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29289 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

LIVER:

01: Enlarged.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

LIVER:

Tissue not present for histologic examination

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

-Desquamated spermatocytes, unilateral, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29290 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29291 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29292 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29293 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Vacuolated cortical cell, bilateral, grade 2

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29294 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: Paleness.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

KIDNEYS:

- Tubular basophilia, bilateral, grade 2
- Peritubular fibrosis, bilateral, grade 1
- Acidophilic globules in cortical tubular epithelium, bilateral, grade 3

This finding corresponds to necropsy observation no: 01.

- Interstitial mononuclear cell aggregation, bilateral, grade 1

PROSTATE:

- Interstitial mononuclear cell aggregation, grade 1

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral
- Degeneration of seminiferous tubules, unilateral, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29295 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

LIVER:

01: Paleness.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

LIVER:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

-Hepatocellular hypertrophy, grade 2

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29296 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29297 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29298 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

EPIDIDYMIS (RIGHT):
01: Enlarged.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

EPIDIDYMIS (RIGHT):
Nothing abnormal discovered corresponding with the necropsy
observation no.01.
PROSTATE:
-Interstitial mononuclear cell aggregation, grade 1
TESTES:
-Tailed spermatides in apparently normal number, bilateral
-Round spermatides in apparently normal number, bilateral
-Spermatocytes in apparently normal number, bilateral
-Spermatogonia in apparently normal number, bilateral
-Different stages of spermatogenic cycle present, bilateral
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29299 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Altered cell foci, unilateral, grade 1

TESTES:

-Tailed spermatides in apparently normal number, bilateral

-Round spermatides in apparently normal number, bilateral

-Spermatocytes in apparently normal number, bilateral

-Spermatogonia in apparently normal number, bilateral

-Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29300 SEX : MALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTES:

- Tailed spermatides in apparently normal number, bilateral
- Round spermatides in apparently normal number, bilateral
- Spermatocytes in apparently normal number, bilateral
- Spermatogonia in apparently normal number, bilateral
- Different stages of spermatogenic cycle present, bilateral

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29676 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: Left: serous cyst, approx 0.2 cm in diameter.

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

KIDNEYS:

Only one of paired organs examined/present

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

OVARIES:

-Diestrus, bilateral

THYMUS:

-Lymphoid depletion, grade 2

This finding corresponds to necropsy observation no: 01.

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29677 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29678 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus

VAGINA:

Tissue not present for histologic examination

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29679 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29680 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29681 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

THYMUS:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

UTERUS:

-Proestrus

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29682 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYROID GLANDS:
01: Reduced in size.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:
-Metestrus, bilateral
THYROID GLANDS:
Nothing abnormal discovered corresponding with the necropsy
observation no.01.
-Developmental cyst(s), unilateral
UTERUS:
-Metestrus
VAGINA:
-Metestrus
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29683 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 30.07.03
DAYS ON TEST : 122
DATE OF NECROPSY : 30.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Estrus, bilateral

UTERUS:

-Estrus

VAGINA:

-Estrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29684 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 30.07.03
DAYS ON TEST : 122
DATE OF NECROPSY : 30.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29685 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: Both horns: dilatation, serous contents.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus

This finding corresponds to necropsy observation no: 01.

-Dilated lumen, grade 4

This finding corresponds to necropsy observation no: 01.

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29686 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 25.07.03
DAYS ON TEST : 117
DATE OF NECROPSY : 25.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

MANDIBULAR LYMPH NODES:

01: Reddish color.

UTERUS:

01: Both horns: dilatation, serous contents.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

MANDIBULAR LYMPH NODES:

-Plasmocytosis, bilateral, grade 3

-Sinusal hemorrhage, bilateral, grade 2

This finding corresponds to necropsy observation no: 01.

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus

This finding corresponds to necropsy observation no: 01.

-Dilated lumen, grade 3

This finding corresponds to necropsy observation no: 01.

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29687 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 30.07.03
DAYS ON TEST : 122
DATE OF NECROPSY : 30.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29688 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: Both horns: dilatation, serous contents.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

OVIDUCTS:

Tissue not present for histologic examination

UTERUS:

-Proestrus

This finding corresponds to necropsy observation no: 01.

-Dilated lumen, grade 2

This finding corresponds to necropsy observation no: 01.

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29689 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29690 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

THYMUS:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29691 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Estrus, bilateral

UTERUS:

-Estrus

VAGINA:

-Estrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29692 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 23.07.03
DAYS ON TEST : 115
DATE OF NECROPSY : 23.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus

-Dilated lumen, grade 3

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29693 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 28.07.03
DAYS ON TEST : 120
DATE OF NECROPSY : 28.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29694 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size

UTERUS:

01: Both horns: serous contents.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

THYMUS:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

UTERUS:

-Proestrus

This finding corresponds to necropsy observation no: 01.

-Dilated lumen, grade 2

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29695 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: both horns: dilatation, serous contents.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

-Proestrus

This finding corresponds to necropsy observation no: 01.

-Dilated lumen, grade 4

This finding corresponds to necropsy observation no: 01.

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29696 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

PALPABLE MASSES:

01: Observed in vivo, 2213: mass greyish/whitish, approx 2 cm
long, approx 1 cm wide, firm, homogenous, (811 812).
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

PALPABLE MASSES:

-Mammary ductular carcinoma (malignant neoplasm)

This finding corresponds to necropsy observation no: 01.

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29697 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29698 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 29.07.03
DAYS ON TEST : 121
DATE OF NECROPSY : 29.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: Reduced in size.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

THYMUS:

-Lymphoid depletion, grade 2

This finding corresponds to necropsy observation no: 01.

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29699 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 23.07.03
DAYS ON TEST : 115
DATE OF NECROPSY : 23.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F0

* ANIMAL NUMBER : B29700 SEX : FEMALE
FIRST DAY ON TEST : 31.03.03
LAST DAY ON TEST : 31.07.03
DAYS ON TEST : 123
DATE OF NECROPSY : 31.07.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

34. F0 generation - number of primordial and growing follicles counted for each female, for
both ovaries

Individual data - F0 parents
Number of primordial and growing follicles counted
for each female, for both ovaries

Dose: 0 mg/kg/day

Sex: female

Animal No.	Number of primordial follicles	Number of growing follicles
B29601	14	3
B29602	17	3
B29603	16	3
B29604	44	4
B29605	16	3
B29606	12	1
B29607	18	2
B29608	16	1
B29609	11	1
B29610	13	3
B29611	22	1
B29612	19	1
B29613	10	0
B29614	14	2
B29615	16	2
B29616	43	2
B29617	10	2
B29618	30	1
B29619	44	3
B29620	8	2
B29621	24	0
B29622	27	2
B29623	19	0
B29624	4	1
B29625	35	2
Total number	502	45
Mean value	20.08	1.80
Range	4/44	0/4

Individual data - F0 parents
Number of primordial and growing follicles counted
for each female, for both ovaries

Dose: 1000 mg/kg/day

Sex: female

Animal No.	Number of primordial follicles	Number of growing follicles
B29676	11	2
B29677	27	0
B29678	32	2
B29679	45	2
B29680	31	1
B29681	24	1
B29682	13	0
B29683	27	2
B29684	13	0
B29685	34	2
B29686	22	2
B29687	13	0
B29688	9	0
B29689	26	1
B29690	45	0
B29691	25	0
B29692	12	0
B29693	10	1
B29694	21	0
B29695	15	2
B29696	25	2
B29697	30	1
B29698	13	0
B29699	27	3
B29700	49	2
Total number	599	26
Mean value	23.96	1.04
Range	9/49	0/3

35. Maternal origin of F1 pups/study number of F1 pups after weaning

**MATERNAL ORIGIN OF F1 PUPS
STUDY NUMBER OF F1 PUPS AFTER WEANING**

Dose-level: 0 mg/kg/day (Group 1)

F0 female number	F1 male		F1 female	
	pup No.	study No.	pup No.	study No.
B29603	2	B29301	8	B29701
B29606	1	B29302	8	B29702
	2	B29303	9	B29703
B29618	1	B29304	7	B29704
B29610	1	B29305	7	B29705
B29613	1	B29306	6	B29706
	2	B29307	7	B29707
B29625	2	B29308	7	B29708
B29602	1	B29309	8	B29709
B29609	1	B29310	12	B29710
B29612	1	B29311	5	B29711
B29616	1	B29312	6	B29712
	2	B29313	7	B29713
B29619	1	B29314	6	B29714
B29621	1	B29315	10	B29715
B29623	1	B29316	11	B29716
B29601	1	B29317	10	B29717
B29607	1	B29318	9	B29718
B29608	2	B29319	5	B29719
B29614	1	B29320	12	B29720
B29617	1	B29321	9	B29721
B29604	1	B29322	7	B29722
B29605	1	B29323	9	B29723
	2	B29324	10	B29724
B29615	2	B29325	14	B29725

**MATERNAL ORIGIN OF F1 PUPS
STUDY NUMBER OF F1 PUPS AFTER WEANING**

Dose-level: 250 mg/kg/day (Group 2)

F0 female number	F1 male		F1 female	
	pup No.	study No.	pup No.	study No.
B29632	1	B29326	7	B29726
	2	B29327	8	B29727
B29637	1	B29328	4	B29728
B29639	1	B29329	9	B29729
B29641	1	B29330	11	B29730
	2	B29331	12	B29731
B29650	1	B29332	10	B29732
B29629	1	B29333	12	B29733
B29635	1	B29334	6	B29734
	2	B29335	7	B29735
B29636	1	B29336	8	B29736
	2	B29337	9	B29737
B29644	1	B29338	8	B29738
B29648	1	B29339	6	B29739
B29628	1	B29340	7	B29740
	2	B29341	8	B29741
B29638	1	B29342	9	B29742
B29640	1	B29343	7	B29743
B29643	1	B29344	10	B29744
B29649	1	B29345	10	B29745
B29633			5	B29746
B29642	1	B29346	8	B29747
	2	B29347		
B29627	1	B29348	9	B29748
	2	B29349	10	B29749
B29646	1	B29350	11	B29750

MATERNAL ORIGIN OF F1 PUPS
STUDY NUMBER OF F1 PUPS AFTER WEANING

Dose-level: 500 mg/kg/day (Group 3)

F0 female number	F1 male		F1 female	
	pup No.	study No.	pup No.	study No.
B29653	1	B29351	9	B29751
	2	B29352	11	B29752
B29665	1	B29353	10	B29753
	2	B29354	11	B29754
B29669	1	B29355	7	B29755
B29674	1	B29356	5	B29756
B29654	1	B29357	8	B29757
B29655	1	B29358	7	B29758
	2	B29359	8	B29759
B29657	1	B29360	8	B29760
B29660	1	B29361	8	B29761
	2	B29362	9	B29762
B29664	1	B29363	11	B29763
B29670	1	B29364	10	B29764
B29672	1	B29365	6	B29765
B29658	1	B29366	5	B29766
	2	B29367	6	B29767
B29671	1	B29368	7	B29768
	2	B29369	8	B29769
B29651	1	B29370	9	B29770
	2	B29371	10	B29771
B29663	1	B29372	10	B29772
B29652	1	B29373	9	B29773
	2	B29374	10	B29774
B29667	1	B29375	10	B29775

**MATERNAL ORIGIN OF F1 PUPS
STUDY NUMBER OF F1 PUPS AFTER WEANING**

Dose-level: 1000 mg/kg/day (Group 4)

F0 female number	F1 male		F1 female	
	pup No.	study No.	pup No.	study No.
B29692	1	B29376	9	B29776
	2	B29377	10	B29777
B29699	1	B29378	8	B29778
B29679	1	B29379	5	B29779
B29680	1	B29380	5	B29780
B29681	1	B29381	9	B29781
B29682	1	B29382	9	B29782
B29685	1	B29383	8	B29783
B29686	1	B29384	10	B29784
B29677	1	B29385	10	B29785
B29678	1	B29386	14	B29786
B29693	1	B29387	9	B29787
B29676	1	B29388	8	B29788
B29688	1	B29389	9	B29789
B29689	1	B29390	8	B29790
B29690	1	B29391	7	B29791
B29691	1	B29392	10	B29792
B29694	1	B29393	8	B29793
B29695	1	B29394	8	B29794
B29696	1	B29395	10	B29795
B29697	1	B29396	10	B29796
B29698	1	B29397	11	B29797
B29683	1	B29398	8	B29798
B29684	1	B29399	8	B29799
B29687	1	B29400	11	B29800

36. F1 generation - clinical history (individual findings/males)

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29301	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 125
B29302	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 125
B29303	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 125
B29304	Normal Mortality General aspect Behaviour Breathing	NO REMARKABLE CLINICAL OBSERVATIONS DECISION OF SACRIFICE ROUND BACK EMACIATED APPEARANCE PILOERECTOR COLD TO THE TOUCH HYPOKINESIA DYSPNEA EW:198.5 g	1 to 35 37 36 to end 36 to end 36 to end 37 37 37
B29305	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 124
B29306	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 124
B29307	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 20, 22 to 29, 38 to 48, 53, 61, 67 to 70, 74 to 82, 84, 93 to 96, 106 to 109, 113 to end 124 21, 30 to 37, 49 to 52, 54 to 60, 62 to 66, 71 to 73, 83, 85 to 92, 97 to 105, 110 to 112
B29308	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 26, 28 to end 124 27
B29309	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73, 85 to end

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29309 (CONTINUED)		
Mortality	FINAL SACRIFICE	123
Secretion/Excretion	CHROMODACRYORRHEA	74 to 84
B29310		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 29, 37 to 84, 88 to end
Mortality	FINAL SACRIFICE	123
Secretion/Excretion	PTYALISM immediately post-dosing	30 to 36, 85 to 87
B29311		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 29, 37 to 48, 52, 60 to 75, 83 to end
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	30 to 36, 49 to 51, 53 to 59, 76 to 82
B29312		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 28, 32 to end
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	29 to 31
B29313		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 25, 27 to end
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	26
B29314		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	124
B29315		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 19, 21 to 25, 27 to 39, 43 to 48, 52 to 84, 89 to end
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	20, 26, 40 to 42, 49 to 51, 85 to 88
B29316		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 63, 67 to end
Mortality	FINAL SACRIFICE	125
Secretion/Excretion	REGURGITATION	64 to 66
B29317		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 83, 88 to 97, 103 to end
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	84 to 87, 98 to 102
B29318		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 57, 62 to 80, 84 to end
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	58 to 61, 81 to 83

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 0 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29319	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
	Mortality	FINAL SACRIFICE	124
B29320	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 34, 41 to end
	Mortality	FINAL SACRIFICE	124
	Skin	CUTANEOUS LESION ON NECK VENTRAL AREA	35 to 40
B29321	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 11, 14 to 28, 31 to end
	Mortality	FINAL SACRIFICE	124
	Secretion/Excretion	PTYALISM immediately post-dosing	12 to 13, 29 to 30
B29322	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 21, 25 to 36, 38, 40 to 45, 60 to 82, 87 to 94, 100 to 105, 110 to end
	Mortality	FINAL SACRIFICE	123
	Secretion/Excretion	PTYALISM immediately post-dosing	22 to 24, 37, 39, 46 to 59, 83 to 86, 95 to 99, 106 to 109
B29323	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
	Mortality	FINAL SACRIFICE	123
B29324	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
	Mortality	FINAL SACRIFICE	123
B29325	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
	Mortality	FINAL SACRIFICE	123

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29326	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 42, 52 to end 125 43 to 51
B29327	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 23, 28 to 30, 34 to 42, 52 to 55, 59 to 81, 85 to end 125 24 to 27, 31 to 33, 43 to 51, 56 to 58, 82 to 84
B29328	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE
		1 to end 125
B29329	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 49, 54, 80 to 107, 112 to end 125 50 to 53, 55 to 79, 108 to 111
B29330	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE
		1 to end 125
B29331	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 28, 34 to 42, 54 to 55, 60 to 61, 71 to 89, 91 to 104, 107 to 114, 123 to end 125 29 to 33, 43 to 53, 56 to 59, 62 to 70, 90, 105 to 106, 115 to 122
B29332	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 19, 27, 29 to 30, 34 to 36, 40, 54, 70 to 71, 75 to 83, 92 to 94, 101 to 103, 123 to end 125 20 to 26, 28, 31 to 33, 37 to 39, 41 to 53, 55 to 69, 72 to 73, 84 to 91, 95 to 100, 104 to 122

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29332 (CONTINUED)	PTYALISM 1 hour post-dosing	74
B29333 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 48, 51 to 71, 74 to 85, 102
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	49 to 50, 72
	PTYALISM 1 hour post-dosing	73
	REGURGITATION	101
Skin	CUTANEOUS LESION ON NECK DORSAL AREA	86 to 100
Miscellaneous	ABNORMAL GROWTH OF TEETH (cut regulary)	103 to end
B29334 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	124
B29335 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 107, 110 to end
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	108 to 109
B29336 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 18, 24 to 41, 48 to 75, 101 to end
Mortality	FINAL SACRIFICE	125
Secretion/Excretion	PTYALISM immediately post-dosing	19 to 23, 42 to 47
Skin	CUTANEOUS LESION ON NECK DORSAL AREA	76 to 100
B29337 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 27, 33 to 41, 51 to end
Mortality	FINAL SACRIFICE	125
Secretion/Excretion	PTYALISM immediately post-dosing	29 to 32, 42 to 50
Skin	CUTANEOUS LESION ON NECK DORSAL AREA	28
B29338 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 21, 26 to 27, 33 to 35, 38 to 41, 44 to 54, 58 to 60, 69 to 70, 73 to 85, 89 to 96, 100 to 106, 113 to end
Mortality	FINAL SACRIFICE	125
Secretion/Excretion	PTYALISM immediately post-dosing	22 to 25, 28 to 32, 36 to 37, 42 to 43, 55 to 57, 61 to 68, 71 to 72, 86 to 88, 97 to 99, 107 to 112
B29339 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 8, 11 to 48, 53 to 72, 74 to 80, 89 to 95, 100 to end
Mortality	FINAL SACRIFICE	125

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29339 (CONTINUED)	Secretion/Excretion PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing	9 to 10, 49 to 52, 81 to 88, 96 to 99 73
B29340	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 12, 15 to 40, 52 to 62, 72 to 83, 89 to 101, 121 to end
	Mortality FINAL SACRIFICE	124
	Secretion/Excretion PTYALISM immediately post-dosing	13 to 14, 41 to 51, 63 to 71, 84 to 88, 102 to 120
B29341	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 40, 47 to 52, 68 to 70, 72 to 79, 83 to 84, 89 to 96, 99 to 105, 109 to end
	Mortality FINAL SACRIFICE	125
	Secretion/Excretion PTYALISM immediately post-dosing	41 to 46, 53 to 67, 71, 80 to 82, 85 to 88, 97 to 98, 106 to 108
B29342	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 14, 17 to 18, 25 to 28, 37 to 53, 68 to 105, 109 to 121, 125
	Mortality FINAL SACRIFICE	125
	Secretion/Excretion PTYALISM immediately post-dosing	15 to 16, 19 to 24, 29 to 36, 54 to 67, 106 to 108, 122 to 124
B29343	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 52, 58 to 102, 105, 110 to end
	Mortality FINAL SACRIFICE	125
	Secretion/Excretion PTYALISM immediately post-dosing	53 to 57, 103 to 104, 106 to 109
B29344	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 23, 25 to 52, 68 to end
	Mortality FINAL SACRIFICE	125
	Secretion/Excretion PTYALISM immediately post-dosing	24, 53 to 67
B29345	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 14, 17 to 25, 27 to 47, 52, 68 to 84, 90 to 92, 99 to 101, 105 to end
	Mortality FINAL SACRIFICE	125
	Secretion/Excretion PTYALISM immediately post-dosing	15 to 16, 26, 48 to 51, 53 to 67, 85 to 89, 93 to 98, 102 to 104

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29346	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM 1 hour post-dosing
		1 to 70, 72 to end 124 71
B29347	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 39, 49 to 83, 88 to 93, 98 to 103, 109 to 122, 124 124 40 to 48, 84 to 87, 94 to 97, 104 to 108, 123
B29348	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 15, 21 to 26, 28 to 50, 58 to 85, 87 to 103, 108 to end 123 16 to 20, 27, 51 to 57, 86, 104 to 107
B29349	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing
		1 to 21, 23 to 26, 28 to 47, 60 to 69, 71 to 82, 87 to 92, 97 to 119, 123 123 22, 27, 48 to 59, 83 to 86, 93 to 96, 120 to 122 70
B29350	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 16, 23 to 47, 58 to 99, 103 to end 123 17 to 22, 48 to 57, 100 to 102

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29351	Normal Mortality Skin	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE CUTANEOUS LESION ON NECK DORSAL AREA	1 to 28, 30 to 82, 84 to end 125 29
B29352	Normal Mortality Secretion/Excretion Skin	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing CUTANEOUS LESION ON NECK DORSAL AREA	1 to 20, 22 to 28, 30 to 33, 39 to 68, 84 to 86, 93 to end 125 21, 34 to 38 29, 69 to 82, 87 to 92
B29353	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing CHROMODACRYORRHEA	1 to 50, 54 to 68, 71 to 75, 80 to 82, 87 to 97, 109 to 122, 124 to end 125 51 to 53, 76 to 79, 84 to 86, 98 to 108, 123 69 to 70
B29354	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 16, 19 to 20, 25 to 26, 29, 39, 41 to 49, 54 to 61, 70 to 82, 84 to 94, 104 to 105, 107 to 110, 125 125 17 to 18, 21 to 24, 27 to 28, 30 to 38, 40, 50 to 53, 62 to 69, 95 to 103, 106, 111 to 124
B29355	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing PTYALISM 1 hour post-dosing	1 to 17, 19 to 22, 26, 28 to 29, 39 to 49, 52 to 53, 64 to 71, 85 to 107, 109 to 114, 125 125 18, 23 to 25, 27, 30 to 38, 50 to 51, 54 to 63, 72 to 73, 75 to 82, 84, 108, 115 to 124 74

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29356	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 82, 84 to 94, 104 to end 125 95 to 103
B29357	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 14, 16 to 18, 25 to 38, 40, 51 to 81, 83 to 94, 102 to end 124 15, 19 to 24, 39, 41 to 50, 95 to 101
B29358	Normal Mortality Secretion/Excretion Skin	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing CUTANEOUS LESION ON NECK DORSAL AREA
		1 to 25, 27, 29, 33 to 81, 83 to 85, 90 to end 124 26, 30 to 32, 86 to 89 28
B29359	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 81, 83 to 122, 124 124 123
B29360	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 81, 83 to 85, 90 to 105, 108 to 112, 114 to 122, 124 124 86 to 89, 106 to 107, 113, 123
B29361	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing
		1 to 16, 18, 27 to 29, 33 to 37, 40, 53 to 54, 73 to 81, 90 to 93, 102 to 106, 108 to 112, 116 to 121, 125 125 17, 19 to 26, 30 to 32, 38 to 39, 41 to 52, 55 to 72, 83 to 89, 94 to 101, 107, 113 to 115, 122 to 124
B29362	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 18, 21 to 22, 28 to 30, 33 to 36, 51 to 53, 61 to 69, 74 to 78, 80 to 81, 83, 86 to 94, 106, 108 to 112, 116 to 121, 125

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29362 (CONTINUED)		
Mortality	FINAL SACRIFICE	125
Secretion/Excretion	PTYALISM immediately post-dosing	19 to 20, 23 to 27, 31 to 32, 37 to 50, 54 to 60, 70 to 72, 79, 84 to 85, 95 to 105, 107, 113 to 115, 122 to 124
	PTYALISM 1 hour post-dosing	73
B29363 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 19, 27 to 49, 51 to 52, 54 to 81, 84 to 85, 91 to 106, 108 to end
Mortality	FINAL SACRIFICE	125
Secretion/Excretion	PTYALISM immediately post-dosing	20 to 26, 50, 53, 83, 86 to 90, 107
B29364 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 8, 10 to 14, 18 to 20, 24 to 28, 33 to 48, 51 to 53, 57 to 60, 78 to 81, 83 to 85, 90 to 102, 108 to 121, 125
Mortality	FINAL SACRIFICE	125
Secretion/Excretion	PTYALISM immediately post-dosing	9, 15 to 17, 21 to 23, 29 to 32, 49 to 50, 54 to 56, 61 to 72, 75 to 77, 86 to 89, 103 to 107, 122 to 124
	SOFT FAECES	73 to 74
B29365 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 15, 18 to 25, 27, 29 to 48, 73 to 81, 83 to 85, 90 to 104, 106, 108 to 113, 116 to 121, 123 to end
Mortality	FINAL SACRIFICE	125
Secretion/Excretion	PTYALISM immediately post-dosing	16 to 17, 26, 49 to 72, 86 to 89, 105, 107, 114 to 115, 122
Skin	CUTANEOUS LESION ON NECK DORSAL AREA	28
B29366 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 17, 25 to 27, 32 to 37, 39 to 42, 50 to 51, 62 to 80, 82 to 84, 89 to 92, 101 to 105, 107 to 112, 115 to end
Mortality	FINAL SACRIFICE	125
Secretion/Excretion	PTYALISM immediately post-dosing	18 to 24, 28 to 31, 38, 43 to 49, 52 to 61, 85 to 88, 93 to 100, 106, 113 to 114

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29367	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
		1 to 17, 27 to 39, 62 to 69, 72 to 80, 89 to 101, 105, 107 to end
		125
		18 to 26, 40 to 61, 70 to 71, 82 to 88, 102 to 104, 106
B29368	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
		1 to 21, 25 to 51, 62 to 71, 77 to 80, 82 to 92, 105, 119 to 120, 125
		125
		22 to 24, 52 to 61, 73 to 76, 93 to 104, 117 to 118, 121 to 124
	Miscellaneous	PTYALISM 1 hour post-dosing
		72
		ABNORMAL GROWTH OF TEETH (cut regulary)
		106 to 118
B29369	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
		1 to 7, 9 to 47, 50 to 51, 62 to 71, 73 to 80, 89 to 92, 100 to 111, 119 to 121, 125
		125
		8, 48 to 49, 52 to 61, 82 to 88, 93 to 99, 112 to 118, 122 to 124
		72
		PTYALISM 1 hour post-dosing
		72
B29370	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
		1 to 18, 22, 24 to 28, 31 to 46, 49 to 72, 77 to 79, 81 to 83, 90 to end
		124
		19 to 21, 23, 29 to 30, 47 to 48, 73 to 76, 84 to 89
B29371	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
		1 to 3, 5, 8 to 17, 24 to 26, 31 to 36, 38, 51, 72, 77 to 79, 88 to 91, 106 to 111, 118 to 120, 124
		124

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29371 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing	4, 6 to 7, 18 to 23, 27 to 30, 37, 39 to 50, 52 to 70, 73 to 76, 81 to 87, 92 to 105, 112 to 117, 121 to 123
	PTYALISM 1 hour post-dosing	71
B29372	Normal	1 to 37, 65 to 67, 77 to 79, 81, 88, 90 to 93, 124
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	38 to 64, 68 to 70, 72 to 76, 82 to 87, 89, 94 to 105, 112 to 123
	PTYALISM 1 hour post-dosing	71
Miscellaneous	ABNORMAL GROWTH OF TEETH (cut regulary)	105 to 123
B29373	Normal	1 to 44, 50 to 51, 64 to 67, 70 to 75, 77 to 78, 81 to 90, 105 to 110, 117 to 121, 123
Mortality	FINAL SACRIFICE	123
Secretion/Excretion	PTYALISM immediately post-dosing	45 to 49, 52 to 63, 68 to 69, 76, 80, 91 to 104, 111 to 116, 122
B29374	Normal	1 to 4, 7 to 25, 30 to 45, 48 to 49, 58 to 78, 80 to 92, 105 to 110, 117 to 119
Mortality	FINAL SACRIFICE	123
Secretion/Excretion	PTYALISM immediately post-dosing	5 to 6, 26 to 29, 46 to 47, 50 to 57, 93 to 104, 111 to 116
Miscellaneous	ABNORMAL GROWTH OF TEETH (cut regulary)	120 to end
B29375	Normal	1 to 13, 15 to 25, 30 to 35, 37, 48 to 70, 77 to 78, 86 to 87
Mortality	FOUND DEAD (after treatment)	93
Secretion/Excretion	PTYALISM immediately post-dosing	14, 26 to 29, 36, 38 to 47, 71 to 76, 80 to 85, 88 to end

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29376	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
	Skin	CUTANEOUS LESION ON NECK DORSAL AREA
B29377	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
		PTYALISM 1 hour post-dosing
B29378	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
B29379	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
		PTYALISM 1 hour post-dosing
B29380	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
B29381	Normal	NO REMARKABLE CLINICAL OBSERVATIONS

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29381 (CONTINUED)		
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	23 to 25, 49 to 52, 54 to 64, 71 to 72, 86 to 97, 109 to 110, 114 to 119
B29382	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 16, 18, 26 to 40, 51 to 52, 65 to 70, 73 to 81, 106 to 113, 120 to end 17, 19 to 25, 41 to 50, 53 to 64, 71 to 72, 83 to 105, 114 to 119
B29383	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 35, 37 to 73, 80 to 81, 83 to 107, 110 to 113, 120 to end 36, 74 to 79, 108 to 109, 114 to 119
B29384	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 16, 18 to 36, 38 to 40, 51 to 56, 65 to 70, 73 to 81, 83 to 85, 92 to 93, 106 to 107, 111 to 112, 120 to end 17, 37, 41 to 50, 57 to 64, 71 to 72, 86 to 91, 94 to 105, 108 to 110, 113 to 119
B29385	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Mortality	FINAL SACRIFICE	123
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 25, 27 to 28, 32 to 35, 37 to 38, 52 to 55, 64 to 71, 79 to 80, 91 to 92, 105 to 112, 119 to end 26, 29 to 31, 36, 39 to 51, 56 to 63, 73 to 78, 82 to 90, 93 to 104, 113 to 118 PTYALISM 1 hour post-dosing 72
B29386	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 15, 17 to 18, 27, 32 to 39, 50 to 53, 63 to 69, 79 to 80, 82 to 92, 110 to end

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29386 (CONTINUED)		
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	16, 19 to 26, 28 to 31, 40 to 49, 54 to 62, 70 to 71, 73 to 78, 93 to 109
	PTYALISM 1 hour post-dosing	72
B29387 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 13, 15, 17 to 29, 32 to 35, 37 to 48, 52, 63 to 71, 73 to 80, 82 to 84, 110 to 112, 121 to end
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	14, 16, 30 to 31, 36, 49 to 51, 53 to 62, 85 to 109, 113 to 120
	PTYALISM 1 hour post-dosing	72
B29388 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 18, 23 to 27, 29 to 51, 68 to 79, 81 to 83, 101 to 104, 109 to end
Mortality	FINAL SACRIFICE	123
Secretion/Excretion	PTYALISM immediately post-dosing	19 to 22, 28, 52 to 67, 84 to 100, 105 to 108
B29389 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 12, 14, 17 to 21, 26, 29 to 35, 38 to 47, 49 to 67, 104 to 107, 109 to 110, 120, 123
Mortality	FINAL SACRIFICE	123
Secretion/Excretion	PTYALISM immediately post-dosing	13, 15 to 16, 22 to 25, 27 to 28, 36 to 37, 48, 68 to 79, 81 to 103, 108, 111 to 119, 121 to 122
B29390 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 19, 21 to 24, 26 to 28, 35 to 47, 49 to 79, 81, 95 to 111, 118 to end
Mortality	FINAL SACRIFICE	123
Secretion/Excretion	PTYALISM immediately post-dosing	20, 25, 29 to 34, 48, 82 to 94, 112 to 117

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29391	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
	Skin	CUTANEOUS LESION ON NECK DORSAL AREA
		1 to 22, 25, 27 to 79, 81 to 91, 95 to end
		124
		23 to 24, 92 to 94
		26
B29392	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
		1 to 10, 12 to 16, 19 to 23, 26, 29 to 33, 36 to 37, 63 to 67, 78 to 79, 103, 109 to 110, 118 to end
		124
		11, 17 to 18, 24 to 25, 27 to 28, 34 to 35, 38 to 62, 68 to 70, 72 to 77, 81 to 102, 104 to 108, 111 to 117
		71
		PTYALISM 1 hour post-dosing
		71
B29393	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
		1 to 14, 16, 29 to 34, 38 to 40, 46, 67 to 70, 81, 105 to 111, 118 to end
		124
		15, 17 to 25, 27 to 28, 35 to 37, 41 to 45, 47 to 66, 72 to 79, 82 to 104, 112 to 117
		71
		71
	Skin	CUTANEOUS LESION ON NECK DORSAL AREA
		26
B29394	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
		1 to 10, 12 to 20, 26 to 47, 59 to 62, 67 to 79, 81 to 103, 105 to 110, 120 to end
		124
		11, 21 to 25, 48 to 58, 63 to 66, 104, 111 to 119
B29395	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 19, 21 to 27, 29 to 47, 63 to 68, 95 to 104, 109 to 111, 118 to 120, 124

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29395 (CONTINUED)		
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	20, 28, 48 to 62, 69 to 79, 81 to 94, 105 to 108, 112 to 117, 121 to 123
B29396	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 6, 8 to 23, 26, 29 to 39, 59 to 68, 71, 78 to 79, 82 to 83, 109 to 111, 118 to 120, 124
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	7, 24 to 25, 27 to 28, 40 to 58, 69 to 70, 72 to 77, 81, 84 to 108, 112 to 117, 121 to 123
B29397	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 10, 13 to 26, 29 to 47, 63 to 79, 82 to end
Mortality	FINAL SACRIFICE	124
Secretion/Excretion	PTYALISM immediately post-dosing	11 to 12, 27 to 28, 48 to 62, 81
B29398	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 3, 5, 7 to 9, 12 to 22, 25 to 33, 37 to 45, 48 to 67, 70, 77, 80 to 103, 108 to 114, 117 to 119, 123
Mortality	FINAL SACRIFICE	123
Secretion/Excretion	PTYALISM immediately post-dosing	4, 6, 10 to 11, 23 to 24, 34 to 36, 46 to 47, 68 to 69, 71 to 76, 78, 104 to 107, 115 to 116, 120 to 122
B29399	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 15, 23, 62 to 67, 77 to 78, 108 to 109, 117 to 119, 123
Mortality	FINAL SACRIFICE	123
Secretion/Excretion	PTYALISM immediately post-dosing	16 to 22, 27, 34 to 61, 68 to 76, 80 to 107, 110 to 116, 120 to 122
	PTYALISM 1 hour post-dosing	70
Miscellaneous	ABNORMAL GROWTH OF TEETH (cut regulary)	24 to 35

F1 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29400	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
	Mortality	FINAL SACRIFICE
	Secretion/Excretion	PTYALISM immediately post-dosing
		PTYALISM 1 hour post-dosing

37. F1 generation - clinical history (individual findings/females/premating period)

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29701	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29702	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29703	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 76
B29704	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS CHROMODACRYORRHEA	1 to 66 67 to 69
B29705	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29706	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 70
B29707	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 68
B29708	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 70
B29709	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 67
B29710	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 68
B29711	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 68
B29712	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 68
B29713	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 69
B29714	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 75
B29715	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 18, 24 to 70 19 to 23
B29716	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 70
B29717	Normal Miscellaneous NO REMARKABLE CLINICAL OBSERVATIONS NECROSED TAIL	1 to 20 21 to 70
B29718	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 24, 26 to 66 25
B29719	Normal NO REMARKABLE CLINICAL OBSERVATIONS	1 to 68

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 0 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29720	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no mating)	1 to end 89
B29721	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 67
B29722	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 66
B29723	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 67
B29724	Normal Skin	NO REMARKABLE CLINICAL OBSERVATIONS CUTANEOUS LESION ON NECK DORSAL AREA	1 to 23, 33 to 67 24 to 32
B29725	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 67

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 250 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29726	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 72
B29727	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 73
B29728	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29729	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 7, 9, 12 to 69 8, 10 to 11
B29730	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 13, 16 to 20, 27 to 70 14 to 15, 21 to 26
B29731	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 70
B29732	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 42, 59 to 79 43 to 58
B29733	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 19, 24 to 30, 39 to 41, 43 to 69 20 to 23, 31 to 38, 42
B29734	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 80
B29735	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29736	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 26, 33 to 60, 67 to 68 27 to 32, 61 to 66
B29737	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 14, 22 to 68 15 to 21
B29738	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 72
B29739	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 69
B29740	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 4, 7 to 11, 15 to 19, 25 to 28, 32 to 40, 51 to 59, 62 to 69 5 to 6, 12 to 14, 20 to 24, 29 to 31, 41 to 50, 60 to 61

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29741	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing
		1 to 28, 36 to 37, 39 to 52, 56 to 59, 62 to 70 29 to 35, 38, 53 to 55, 60 to 61
B29742	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 67
B29743	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing
		1 to 10, 12 to 14, 17 to 67 11, 15 to 16
B29744	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 70
B29745	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 70
B29746	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no mating) PTYALISM immediately post-dosing REGURGITATION
		1 to 10, 12 to 37, 39 to end 89 11 38
B29747	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 69
B29748	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 66
B29749	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 66
B29750	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 67

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29751	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 71
B29752	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 20, 22 to 71 21
B29753	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 15, 19 to 70 16 to 18
B29754	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 15, 17 to 72 16
B29755	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 70
B29756	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 10, 12 to 72 11
B29757	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 22, 25 to 70 23 to 24
B29758	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 70
B29759	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 70
B29760	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 68
B29761	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 6, 8 to 14, 16 to 20, 26 to 71 7, 15, 21 to 25
B29762	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 14, 16 to 68 15
B29763	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 70
B29764	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 46, 52 to 70 47 to 51
B29765	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 14, 17 to 26, 28 to 68 15 to 16, 27
B29766	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 20, 25 to 37, 39 to 67

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29766 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing	21 to 24, 38
B29767		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 17, 23 to 24, 26 to 29, 32 to 72
Secretion/Excretion	PTYALISM immediately post-dosing	18 to 22, 25, 30 to 31
B29768		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 18, 26 to 40, 51 to 69
Secretion/Excretion	PTYALISM immediately post-dosing	19 to 25, 41 to 50
B29769		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 68
B29770		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 11, 13 to 18, 25 to 67
Secretion/Excretion	PTYALISM immediately post-dosing	12, 19 to 24, 68
B29771		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 19, 22 to 68
Secretion/Excretion	PTYALISM immediately post-dosing	20 to 21
B29772		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 28, 31 to 66
Secretion/Excretion	PTYALISM immediately post-dosing	29 to 30
B29773		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 13, 15, 17 to 35, 37 to 50, 54 to 65
Secretion/Excretion	PTYALISM immediately post-dosing	14, 16, 36, 51 to 53
B29774		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 23, 25 to 66
Secretion/Excretion	PTYALISM immediately post-dosing	24
B29775		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 66

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29776	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 72
B29777	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FOUND DEAD (after treatment) PTYALISM immediately post-dosing	1 to 23, 27, 29 to 30, 41 to 42 47 24 to 26, 28, 31 to 40, 43 to end
B29778	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 26, 28, 34 to 70 27, 29 to 33
B29779	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 5, 7 to 41, 48 to 54, 58 to 69 6, 42 to 47, 55 to 57
B29780	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 21, 27 to 70 22 to 26
B29781	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 9, 11 to 70 10
B29782	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 70
B29783	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 5, 7 to 26, 28 to 71 6, 27
B29784	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 16, 18 to 21, 24 to 28, 33 to 70 17, 22 to 23, 29 to 32
B29785	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 25, 32 to 53, 60 to 68 26 to 31, 54 to 59
B29786	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no mating) PTYALISM immediately post-dosing	1 to 24, 26 to end 90 25
B29787	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no mating) PTYALISM immediately post-dosing	1 to 8, 10 to 50, 52 to end 90 9, 51
B29788	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	1 to 17, 24, 26, 29 to 67 18 to 23, 25, 27 to 28
B29789	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 28, 31 to 49, 52 to 59, 62

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29789 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing	29 to 30, 50 to 51, 60 to 61, 63 to 68
Miscellaneous	NECROSED TAIL	64 to 68
B29790	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 68
B29791	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 16, 18 to 50, 64 to 66
Skin	AREA OF HAIR LOSS ON THORAX	17
	AREA OF HAIR LOSS ON NECK VENTRAL AREA	51 to 63
	AREA OF HAIR LOSS ON FORELIMB, B	51 to 63
		52 to 63
B29792	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 11, 13 to 63, 67 to 68
		12, 64 to 66
B29793	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 9, 15 to 16, 26, 29 to 37, 49, 51, 56 to 58
		10 to 14, 17 to 25, 27 to 28, 38 to 48, 50, 52 to 55, 59 to 66
B29794	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 9, 12 to 31, 34 to 37, 49, 51 to 59
	REGURGITATION	10 to 11, 38 to 48, 50, 60 to 66
		32 to 33
B29795	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 27, 29 to 37, 46 to 49, 51 to 67
		28, 38 to 45, 50
B29796	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 9, 13 to 14, 16 to 17, 26 to 39, 49, 51, 54 to 58, 63 to 66
		10 to 12, 15, 18 to 25, 40 to 48, 50, 52 to 53, 59 to 62
B29797	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
Secretion/Excretion	PTYALISM immediately post-dosing	1 to 49, 52 to 67
		50 to 51
B29798	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 9, 11 to 13, 23, 25, 28 to 36, 48, 53 to 54, 66 to 68, 76 to 81, 83 to end

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29798 (CONTINUED)		
Mortality	FINAL SACRIFICE (no mating)	88
Secretion/Excretion	PTYALISM immediately post-dosing	10, 14 to 22, 24, 26 to 27, 37 to 47, 49 to 52, 55 to 65, 69 to 75, 82
B29799	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 3, 7 to 8, 23 to 25, 28 to 36, 48, 53 to 58, 62 to 65
Secretion/Excretion	PTYALISM immediately post-dosing	4 to 6, 9 to 22, 26 to 27, 37 to 47, 49 to 52, 59 to 61
B29800	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		1 to 8, 12 to 36, 45 to 46, 48, 51, 53 to 58, 62 to 68
Secretion/Excretion	PTYALISM immediately post-dosing	9 to 11, 37 to 44, 47, 49 to 50, 52, 59 to 61

38. F1 generation - clinical history (individual findings/females/pregnancy period)

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 0 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29701	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29702	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29703	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery)	0 to end 27
B29704	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29705	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29706	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29707	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery)	0 to end 27
B29708	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29709	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29710	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29711	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29712	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery)	0 to end 26
B29713	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29714	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29715	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29716	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29717	Miscellaneous	NECROSED TAIL	0 to 20
B29718	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29719	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29721 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29722 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29723 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29724 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29725 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 250 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29726	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29727	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29728	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29729	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29730	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery)	0 to end 26
B29731	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29732	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 9, 11 to 20 10
B29733	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29734	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29735	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29736	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29737	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery)	0 to end 27
B29738	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery)	0 to end 26
B29739	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29740	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29741	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 15, 18 to 21 16 to 17
B29742	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29743	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29744 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29745 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29747 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29748 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29749 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29750 Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29751	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29752	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29753	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29754	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29755	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29756	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29757	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29758	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29759	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29760	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29761	Normal Mortality Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery) PTYALISM immediately post-dosing	0 to 12, 18 to end 27 13 to 17
B29762	Normal Mortality NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery)	0 to end 27
B29763	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29764	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29765	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29766	Normal Secretion/Excretion NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 7 8 to 20
B29767	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29768	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29769	Normal NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 500 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29770	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	15 to 20
	Secretion/Excretion	PTYALISM immediately post-dosing	0 to 14
B29771	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29772	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29773	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 19, 26 to end
	Mortality	FINAL SACRIFICE (no delivery)	27
	Secretion/Excretion	PTYALISM immediately post-dosing	20 to 25
B29774	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29775	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29776	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 13, 15 to 21 14
B29778	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE (no delivery)	0 to end 26
B29779	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29780	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29781	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29782	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 3, 5 to 7, 9 to 13, 16 to 20 4, 8, 14 to 15
B29783	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29784	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 20
B29785	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29788	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0 to 14, 20 to 21 15 to 19
B29789	Miscellaneous	NECROSED TAIL	0 to 21
B29790	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29791	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 21
B29792	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0, 8 to 21 1 to 7
B29793	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	0, 2, 10 to 21 1, 3 to 9
B29794	Normal Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS PTYALISM immediately post-dosing	2 to 21 0 to 1
B29795	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 8, 14 to 21

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Pregnancy period)

Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29795 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing	9 to 13
B29796	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		0 to 20
B29797	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		0 to 18
Secretion/Excretion	PTYALISM immediately post-dosing	19 to 20
B29799	Secretion/Excretion	PTYALISM immediately post-dosing
	Miscellaneous	NECROSED TAIL
		2 to 9, 20
		0 to 20
B29800	Normal	NO REMARKABLE CLINICAL OBSERVATIONS
		0 to 2, 7 to 12, 14 to 20
Secretion/Excretion	PTYALISM immediately post-dosing	3 to 6, 13

39. F1 generation - clinical history (individual findings/females/lactation period)

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 0 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29701	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29702	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29704	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29705	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29706	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29708	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29709	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29710	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29711	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29713	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29714	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29715	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29716	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29717	Mortality	FINAL SACRIFICE	24

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 0 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29717	(CONTINUED) Miscellaneous	NECROSED TAIL	0 to end
B29718	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29719	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29721	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29722	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29723	Normal Mortality Miscellaneous	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE ABNORMAL GROWTH OF TEETH (cut regularly)	0 to 12 22 13 to end
B29724	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29725	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 250 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29726	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29727	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 23
B29728	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29729	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29731	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29732	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29733	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29734	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29735	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29736	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29739	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS DECISION SACRIFICE (dead litter)	0 to end 5
B29740	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29741	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29742	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29742 (CONTINUED)		
Mortality	FINAL SACRIFICE	22
B29743		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 17, 22
Mortality	FINAL SACRIFICE	22
Secretion/Excretion	PTYALISM immediately post-dosing	18 to 21
B29744		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
Mortality	FINAL SACRIFICE	24
B29745		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
Mortality	FINAL SACRIFICE	24
B29747		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 17, 19 to end
Mortality	FINAL SACRIFICE	24
Secretion/Excretion	PTYALISM immediately post-dosing	18
B29748		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
Mortality	FINAL SACRIFICE	22
B29749		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
Mortality	FINAL SACRIFICE	22
B29750		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
Mortality	FINAL SACRIFICE	24

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 500 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29751	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 3, 8 to end
	Mortality	FINAL SACRIFICE	24
	Breathing	DYSPNEA	4
		LOUD BREATHING	4
		ABDOMINAL BREATHING	4 to 7
	Secretion/Excretion	PTYALISM immediately post-dosing	4
B29752	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	22
B29753	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 4, 14 to end
	Mortality	FINAL SACRIFICE	22
	Secretion/Excretion	PTYALISM immediately post-dosing	5 to 13
B29754	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	24
B29755	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	22
B29756	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	24
B29757	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	24
B29758	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	24
B29759	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	24
B29760	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	22
B29763	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	24
B29764	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
	Mortality	FINAL SACRIFICE	24

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 500 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29765	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29766	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	3 to end 22 0 to 2
B29767	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 23
B29768	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29769	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29770	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	0 to 15, 18 to end 22 16 to 17
B29771	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29772	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29774	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29775	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29776	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29779	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 22
B29780	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29781	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29782	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	0 to 17, 22 22 18 to 21
B29783	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29784	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	0 to 1, 3 to end 22 2
B29785	Normal Mortality Miscellaneous	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE MASS ON MAMMARY GLAND number 2 side right 2.0 x 2.0 cm	0 to 14 22 15 to end
B29788	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	0 to 17, 21 to end 22 18 to 20
B29789	Normal Mortality Secretion/Excretion Miscellaneous	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing NECROSED TAIL	21 to end 24 18 to 19 0 to 20
B29790	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	0 to end 24
B29791	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 9

F1 GENERATION

CLINICAL HISTORY (Individual findings/Females/Lactation period)

Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29791 (CONTINUED)		
Mortality	FINAL SACRIFICE	22
Skin	AREA OF HAIR LOSS ON NECK VENTRAL AREA	10 to end
B29792		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 16, 20 to end
Mortality	FINAL SACRIFICE	24
Secretion/Excretion	PTYALISM immediately post-dosing	17 to 19
B29793		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 11, 22
Mortality	FINAL SACRIFICE	22
Secretion/Excretion	PTYALISM immediately post-dosing	12 to 21
B29794		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
Mortality	FINAL SACRIFICE	22
B29795		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
Mortality	FINAL SACRIFICE	22
B29796		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to 14, 17 to end
Mortality	FINAL SACRIFICE	22
Secretion/Excretion	PTYALISM immediately post-dosing	15 to 16
B29797		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	22
Secretion/Excretion	PTYALISM immediately post-dosing	0
B29799		
Mortality	DECISION SACRIFICE (dead litter)	6
Secretion/Excretion	PTYALISM immediately post-dosing	0 to end
Miscellaneous	NECROSED TAIL	0 to end
B29800		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	0 to end
Mortality	FINAL SACRIFICE	24

40. F1 generation - body weights (individual values/grams/males)

F1 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 0 mg/kg/day

Animal No.	Day of STUDY	
	113	120
B29301	555	552
B29302	631	644
B29303	633	641
B29305	533	536
B29306	654	664
B29307	590	604
B29308	471	482
B29309	579	593
B29310	637	649
B29311	552	562
B29312	629	656
B29313	598	616
B29314	601	619
B29315	526	528
B29316	559	571
B29317	523	530
B29318	595	613
B29319	525	534
B29320	591	605
B29321	500	505
B29322	608	625
B29323	635	649
B29324	517	523
B29325	675	674
MEAN	580	591
S.D.	54	56
N	24	24

F1 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 250 mg/kg/day

Animal No.	Day of STUDY	
	113	120
B29326	616	623
B29327	529	527
B29328	567	580
B29329	521	529
B29330	504	511
B29331	624	643
B29332	585	599
B29333	542	553
B29334	613	619
B29335	578	581
B29336	579	607
B29337	628	632
B29338	667	672
B29339	533	535
B29340	577	583
B29341	570	579
B29342	626	637
B29343	601	609
B29344	513	517
B29345	535	544
B29346	646	654
B29347	560	569
B29348	644	657
B29349	620	629
B29350	560	562
MEAN	581	590
S.D.	46	47
N	25	25

F1 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 500 mg/kg/day

Animal No.	Day of STUDY	
	113	120
B29351	510	521
B29352	519	520
B29353	617	621
B29354	697	696
B29355	611	620
B29356	515	527
B29357	551	557
B29358	612	621
B29359	685	690
B29360	659	663
B29361	746	748
B29362	687	707
B29363	657	663
B29364	690	707
B29365	581	601
B29366	598	607
B29367	570	585
B29368	380	420
B29369	480	489
B29370	626	627
B29371	557	565
B29372	631	650
B29373	653	664
B29374	582	479
MEAN	600	606
S.D.	82	83
N	24	24

F1 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 1000 mg/kg/day

Animal No.	Day of STUDY	
	113	120
B29376	637	640
B29377	623	630
B29378	554	561
B29379	692	701
B29380	669	676
B29381	634	643
B29382	578	589
B29383	571	580
B29384	581	592
B29385	598	617
B29386	589	600
B29387	566	573
B29388	561	570
B29389	602	610
B29390	565	575
B29391	566	568
B29392	593	598
B29393	580	597
B29394	443	446
B29395	494	501
B29396	515	516
B29397	573	586
B29398	586	590
B29399	674	684
B29400	671	687
MEAN	588	597
S.D.	57	58
N	25	25

41. F1 generation - body weight change (individual values/grams/males)

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	Day OF STUDY															
	1-8	8-15	15-22	22-29	29-36	36-43	43-50	50-57	57-64	64-71	71-78	78-85	85-92	92-99	99-106	106-113
B29351	33	51	63	42	52	39	22	33	1	-9	47	21	17	12	20	13
B29352	33	48	57	47	55	36	24	31	27	15	16	24	22	15	10	12
B29353	33	60	70	64	60	47	35	37	27	26	14	20	28	9	25	6
B29354	41	64	80	63	71	58	46	28	26	17	30	27	23	17	25	26
B29355	39	58	74	58	63	50	40	41	18	18	21	20	19	12	12	13
B29356	29	45	49	35	42	37	38	29	25	21	21	23	25	24	8	11
B29357	33	52	55	49	52	46	34	27	25	10	32	18	20	10	20	16
B29358	42	61	64	59	57	41	35	29	17	23	24	22	24	17	17	20
B29359	43	68	70	72	67	54	47	41	30	19	24	22	26	14	15	13
B29360	43	71	79	68	74	51	48	27	30	28	20	19	8	17	18	0
B29361	37	65	75	71	65	57	48	56	40	29	37	23	27	12	20	19
B29362	32	55	69	68	56	50	44	43	42	31	28	18	30	16	28	16
B29363	40	69	84	73	65	57	37	40	40	23	28	-4	-18	21	19	15
B29364	44	60	75	66	61	62	48	44	39	17	34	9	25	17	15	12
B29365	39	55	63	52	59	53	28	26	28	17	30	14	20	23	10	11
B29366	41	59	79	66	59	50	46	32	21	16	25	17	3	12	-5	15
B29367	33	46	65	55	57	48	44	33	32	26	20	23	8	9	11	10
B29368	24	32	47	45	46	46	34	27	20	20	16	6	8	13	-30	-6
B29369	27	37	47	44	53	60	29	35	28	15	24	20	10	8	4	3
B29370	40	58	60	62	63	50	34	32	32	17	23	26	18	20	17	21
B29371	39	61	62	65	60	43	38	24	19	20	24	15	5	20	7	5
B29372	32	56	70	67	74	71	51	48	25	22	30	38	13	19	-61	24
B29373	41	67	70	62	69	53	48	40	27	28	37	2	28	13	10	7
B29374	38	56	68	55	68	59	34	29	34	15	24	14	11	20	12	-5
B29375	35	57	69	69	66	50	32	31	39	22	16	18	12			
MEAN	36	56	67	59	61	51	39	35	28	19	26	18	16	15	9	12
S.D.	5	9	10	11	8	8	8	8	9	8	8	8	11	5	19	8
N	25	25	25	25	25	25	25	25	25	25	25	25	25	24	24	24

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 0 mg/kg/day

ANIMAL#	Day OF STUDY
B29301	-3
B29302	13
B29303	8
B29305	4
B29306	9
B29307	13
B29308	11
B29309	14
B29310	12
B29311	11
B29312	28
B29313	19
B29314	18
B29315	3
B29316	12
B29317	7
B29318	18
B29319	9
B29320	13
B29321	5
B29322	17
B29323	13
B29324	6
B29325	-1
MEAN	11
S.D.	7
N	24

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#	Day OF STUDY 113-120
B29326	7
B29327	-2
B29328	13
B29329	8
B29330	7
B29331	19
B29332	14
B29333	11
B29334	6
B29335	3
B29336	28
B29337	5
B29338	6
B29339	2
B29340	6
B29341	9
B29342	11
B29343	9
B29344	4
B29345	9
B29346	8
B29347	9
B29348	13
B29349	9
B29350	3
MEAN	8
S.D.	6
N	25

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	Day OF STUDY 113-120
B29351	11
B29352	1
B29353	4
B29354	-1
B29355	8
B29356	13
B29357	6
B29358	9
B29359	5
B29360	4
B29361	2
B29362	20
B29363	6
B29364	17
B29365	20
B29366	9
B29367	16
B29368	39
B29369	9
B29370	1
B29371	8
B29372	19
B29373	11
B29374	-103
MEAN	6
S.D.	25
N	24

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	Day OF STUDY 113-120
B29376	3
B29377	7
B29378	8
B29379	9
B29380	7
B29381	8
B29382	11
B29383	8
B29384	10
B29385	19
B29386	11
B29387	8
B29388	10
B29389	8
B29390	10
B29391	2
B29392	6
B29393	18
B29394	4
B29395	7
B29396	1
B29397	13
B29398	4
B29399	10
B29400	16
MEAN	9
S.D.	4
N	25

42. F1 generation - body weights (individual values/grams/females/premating period)

F1 GENERATION

BODY WEIGHTS (Individual values/Grams/Females/Premating period)

FEMALES Dose: 0 mg/kg/day

Animal No.	Day of STUDY												
	1	8	15	22	29	36	43	50	57	64	71	78	85
B29701	42	63	93	129	154	176	197	217	237	250	261	-	
B29702	45	81	121	152	181	193	217	245	257	272	300	-	
B29703	43	74	117	149	173	190	208	240	275	302	311	-	
B29704	51	88	130	166	193	210	221	249	282	296	-		
B29705	48	80	121	162	180	200	216	242	273	266	280	-	
B29706	50	82	129	169	195	223	247	260	279	307	-		
B29707	55	90	139	181	212	248	261	284	315	316	-		
B29708	45	74	111	141	159	175	189	202	224	228	-		
B29709	57	94	139	175	198	222	249	278	313	324	-		
B29710	56	94	145	173	201	203	226	238	250	257	-		
B29711	50	78	116	151	166	187	203	214	219	241	-		
B29712	52	85	130	169	190	205	231	251	285	281	-		
B29713	52	83	125	159	184	203	225	237	280	281	-		
B29714	58	87	131	160	184	200	219	223	241	257	298	-	
B29715	49	78	126	162	186	208	225	241	252	264	-		
B29716	55	87	136	170	195	206	219	224	238	247	-		
B29717	48	76	116	156	180	204	224	236	254	278	-		
B29718	55	92	134	165	182	189	208	233	263	268	-		
B29719	64	106	160	202	225	248	266	282	291	305	-		
B29720	52	75	113	145	166	186	204	214	229	240	259	281	295
B29721	60	87	125	156	176	191	205	222	233	243	-		
B29722	52	86	127	164	182	205	223	250	278	288	-		
B29723	57	94	137	170	191	216	231	253	277	267	-		
B29724	58	93	134	163	183	201	226	252	285	276	-		
B29725	49	77	129	173	204	230	250	278	313	298	-		
MEAN	52	84	127	162	185	205	224	243	266	274	285	281	295
S.D.	5	9	13	14	16	19	19	22	28	26	22	0	0
N	25	25	25	25	25	25	25	25	25	25	6	1	1

F1 GENERATION

BODY WEIGHTS (Individual values/Grams/Females/Premating period)

FEMALES Dose: 250 mg/kg/day

Animal No.	Day of STUDY												
	1	8	15	22	29	36	43	50	57	64	71	78	85
B29726	59	93	137	175	200	223	243	265	269	285	301	-	
B29727	52	84	119	158	180	193	202	209	222	230	245	-	
B29728	56	89	138	172	197	209	225	240	249	255	273	-	
B29729	56	87	125	155	172	195	198	212	217	215	-		
B29730	51	86	122	161	182	197	206	217	226	234	-		
B29731	52	84	133	173	193	211	224	241	249	256	-		
B29732	48	69	107	142	158	179	195	218	240	246	267	296	-
B29733	48	76	119	167	190	218	244	259	277	287	-		
B29734	54	88	139	180	208	230	257	275	298	318	339	352	-
B29735	62	99	138	169	185	219	240	254	269	283	300	-	
B29736	54	86	131	175	199	225	241	254	265	281	-		
B29737	54	86	138	177	198	226	247	267	274	294	-		
B29738	58	91	131	167	193	215	246	263	293	312	341	-	
B29739	58	94	141	177	204	230	250	259	276	289	-		
B29740	45	71	106	140	162	177	184	197	206	213	-		
B29741	48	76	118	164	189	206	220	235	241	249	-		
B29742	45	76	114	143	160	173	198	214	220	234	-		
B29743	53	89	137	183	210	235	252	273	278	284	-		
B29744	53	85	131	167	198	224	249	275	304	301	-		
B29745	52	81	122	155	177	202	228	241	244	289	-		
B29746	59	87	129	168	185	202	212	226	237	251	284	306	288
B29747	53	83	126	158	184	206	217	239	265	268	-		
B29748	59	99	138	164	183	197	205	215	226	239	-		
B29749	54	96	145	167	192	199	206	232	253	271	-		
B29750	57	92	138	177	193	205	221	258	301	287	-		
MEAN	53	86	129	165	188	208	224	242	256	267	294	318	288
S.D.	4	8	11	12	14	17	21	23	28	29	34	30	0
N	25	25	25	25	25	25	25	25	25	25	8	3	1

F1 GENERATION

BODY WEIGHTS (Individual values/Grams/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

Animal No.	Day of STUDY												
	1	8	15	22	29	36	43	50	57	64	71	78	85
B29751	48	82	121	161	188	209	222	235	246	250	275	-	
B29752	51	78	114	152	176	188	212	236	250	260	284	-	
B29753	48	82	129	167	202	215	226	241	260	277	-		
B29754	46	77	120	164	191	215	238	256	259	275	285	-	
B29755	46	69	98	135	160	176	196	215	243	249	-		
B29756	44	72	107	136	160	167	173	186	197	215	241	-	
B29757	53	88	134	168	190	210	232	254	288	288	-		
B29758	60	93	139	178	206	231	252	269	274	297	-		
B29759	54	87	125	157	176	200	216	237	247	257	-		
B29760	51	85	128	165	191	215	231	260	286	285	-		
B29761	61	87	125	165	186	202	223	243	248	259	273	-	
B29762	64	93	141	176	197	227	240	256	292	286	-		
B29763	52	81	122	160	186	213	230	251	278	281	-		
B29764	61	97	140	180	205	224	231	251	266	274	-		
B29765	52	88	133	160	181	200	218	234	245	256	-		
B29766	54	84	128	175	195	216	225	250	269	264	-		
B29767	56	86	125	155	177	199	212	231	248	263	270	-	
B29768	40	71	111	144	156	179	196	202	209	221	-		
B29769	39	70	108	140	163	185	200	211	220	237	-		
B29770	49	85	132	159	184	194	220	252	299	296	-		
B29771	48	79	127	160	177	207	226	246	262	276	-		
B29772	40	67	103	145	174	193	207	230	255	271	-		
B29773	45	85	133	170	193	208	225	249	263	273	-		
B29774	42	75	116	146	168	191	207	213	227	237	-		
B29775	53	78	123	159	180	204	212	235	251	259	-		
MEAN	50	81	123	159	182	203	219	238	255	264	271		
S.D.	7	8	12	13	14	16	17	20	25	21	16		
N	25	25	25	25	25	25	25	25	25	25	6		

F1 GENERATION

BODY WEIGHTS (Individual values/Grams/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

Animal No.	Day of STUDY												
	1	8	15	22	29	36	43	50	57	64	71	78	85
B29776	50	78	123	163	184	203	221	235	244	254	273	-	
B29777	52	88	134	186	223	259	284	-					
B29778	52	78	115	147	169	183	196	212	240	236	-		
B29779	59	97	140	177	198	222	243	274	296	300	-		
B29780	53	88	136	173	201	224	238	251	265	276	-		
B29781	57	89	129	172	197	225	243	262	275	288	-		
B29782	62	100	142	172	189	210	238	264	309	301	-		
B29783	57	94	142	175	200	226	238	251	259	275	280	-	
B29784	52	92	142	186	215	236	254	266	281	290	-		
B29785	50	79	122	149	170	193	213	224	230	253	-		
B29786	51	94	145	180	216	241	262	278	311	308	321	340	332
B29787	50	80	125	174	205	233	254	270	290	305	318	336	372
B29788	59	92	138	178	197	211	232	241	250	256	-		
B29789	52	94	153	189	204	232	263	297	308	328	-		
B29790	56	82	118	145	163	183	198	211	220	229	-		
B29791	57	95	142	170	200	210	241	251	280	289	-		
B29792	52	85	129	163	183	205	224	231	236	248	-		
B29793	51	86	124	162	181	206	218	225	245	253	-		
B29794	51	84	124	152	169	184	197	210	218	227	-		
B29795	40	71	108	149	179	199	220	230	246	242	-		
B29796	55	87	128	164	186	200	215	227	246	247	-		
B29797	55	90	130	157	186	199	213	225	232	234	-		
B29798	55	85	129	165	186	199	220	254	283	274	300	330	388
B29799	61	102	152	187	203	242	250	269	281	292	-		
B29800	55	79	118	151	170	191	207	219	227	237	-		
MEAN	54	87	132	167	191	213	231	245	261	268	298	335	364
S.D.	5	8	12	14	16	20	22	24	29	29	22	5	29
N	25	25	25	25	25	25	25	24	24	24	5	3	3

43. F1 generation - body weight change (individual values/grams/females/premating period)

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Females/Premating period)

FEMALES Dose: 0 mg/kg/day

ANIMAL#	Day OF STUDY											
	1-8	8-15	15-22	22-29	29-36	36-43	43-50	50-57	57-64	64-71	71-78	78-85
B29701	20	30	36	26	22	21	20	19	14	11		
B29702	36	40	30	29	12	24	28	13	14	28		
B29703	31	43	32	24	16	18	33	34	28	9		
B29704	37	42	36	27	18	10	29	33	15			
B29705	32	41	41	18	20	16	26	31	-7	15		
B29706	33	47	40	26	28	24	14	19	29			
B29707	34	50	42	31	36	13	23	31	1			
B29708	29	37	31	18	16	14	13	22	4			
B29709	37	44	37	23	24	27	29	36	11			
B29710	38	50	28	28	1	23	12	13	7			
B29711	28	39	34	15	21	17	11	5	22			
B29712	32	46	39	21	15	26	21	34	-4			
B29713	31	42	34	24	20	22	12	43	0			
B29714	29	45	29	24	16	19	5	18	16	41		
B29715	29	48	36	24	23	17	15	11	13			
B29716	32	50	33	25	11	13	5	14	10			
B29717	28	40	40	24	25	20	12	18	24			
B29718	37	42	31	17	7	19	25	30	5			
B29719	43	54	42	23	23	18	16	9	14			
B29720	23	38	32	21	20	18	10	15	12	18	22	14
B29721	27	38	32	20	15	13	17	11	10			
B29722	35	41	37	17	24	18	27	27	11			
B29723	37	43	32	21	25	15	23	23	-9			
B29724	35	42	29	20	18	25	26	33	-9			
B29725	28	52	44	31	26	19	28	35	-15			
MEAN	32	43	35	23	19	19	19	23	9	20	22	14
S.D.	5	5	5	4	7	4	8	10	11	12	0	0
N	25	25	25	25	25	25	25	25	25	6	1	1

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Females/Premating period)

FEMALES Dose: 250 mg/kg/day

ANIMAL#	Day OF STUDY											
	1-8	8-15	15-22	22-29	29-36	36-43	43-50	50-57	57-64	64-71	71-78	78-85
B29726	33	44	38	26	23	20	22	3	16	16		
B29727	32	35	39	22	13	9	8	13	8	15		
B29728	33	49	34	26	11	16	15	9	6	18		
B29729	31	38	30	17	22	3	14	6	-3			
B29730	35	36	38	21	15	9	11	9	8			
B29731	32	49	41	20	18	13	18	8	7			
B29732	22	38	35	17	20	16	23	22	6	21	28	
B29733	28	44	47	24	28	26	16	17	10			
B29734	35	50	41	28	22	26	19	23	19	22	12	
B29735	37	38	32	16	34	21	15	15	14	17		
B29736	32	45	44	25	25	16	13	11	16			
B29737	32	52	39	21	28	21	19	7	20			
B29738	33	41	36	26	21	32	17	30	19	29		
B29739	37	47	37	26	26	20	9	17	14			
B29740	26	36	33	23	15	8	12	9	7			
B29741	27	43	46	25	17	15	15	6	9			
B29742	31	38	29	17	13	25	17	6	13			
B29743	36	48	46	27	25	17	21	5	7			
B29744	32	46	35	31	27	25	25	29	-3			
B29745	29	41	33	22	26	26	13	3	45			
B29746	29	42	39	17	18	10	15	10	14	34	22	-18
B29747	30	43	32	26	22	11	22	26	3			
B29748	40	39	26	19	13	8	10	12	13			
B29749	42	49	23	24	7	7	26	21	18			
B29750	36	46	39	16	12	17	37	43	-14			
MEAN	32	43	36	22	20	17	17	14	11	22	21	-18
S.D.	4	5	6	4	7	7	6	10	11	7	8	0
N	25	25	25	25	25	25	25	25	25	8	3	1

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

ANIMAL#	Day OF STUDY											
	1-8	8-15	15-22	22-29	29-36	36-43	43-50	50-57	57-64	64-71	71-78	78-85
B29751	34	39	39	27	21	13	13	11	4	25		
B29752	27	36	38	24	12	24	24	14	10	24		
B29753	34	48	38	35	13	10	15	19	17			
B29754	32	43	44	27	24	24	18	3	16	10		
B29755	23	29	37	26	16	20	19	28	6			
B29756	27	35	30	23	7	6	13	11	18	26		
B29757	35	46	34	22	21	22	22	34	0			
B29758	32	47	39	28	25	21	17	5	23			
B29759	33	38	32	19	24	16	21	10	11			
B29760	34	43	37	26	24	17	29	26	-1			
B29761	26	39	40	21	16	21	20	6	11	15		
B29762	29	48	35	21	30	13	17	36	-6			
B29763	30	41	38	26	28	17	22	27	3			
B29764	37	43	40	25	19	8	20	15	8			
B29765	36	45	27	22	19	18	16	11	11			
B29766	30	44	47	20	21	9	25	19	-5			
B29767	30	39	31	22	22	13	20	17	15	7		
B29768	30	40	33	12	23	17	7	7	11			
B29769	31	39	31	23	22	15	11	9	17			
B29770	35	47	27	25	10	27	32	46	-2			
B29771	31	48	33	17	29	20	20	16	14			
B29772	27	37	42	28	19	14	23	24	16			
B29773	40	49	36	23	15	16	25	13	10			
B29774	33	41	30	22	23	16	6	14	10			
B29775	26	45	36	21	24	8	23	16	8			
MEAN	31	42	36	23	20	16	19	17	9	18		
S.D.	4	5	5	4	6	5	6	11	8	8		
N	25	25	25	25	25	25	25	25	25	6		

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

ANIMAL#	Day OF STUDY											
	1-8	8-15	15-22	22-29	29-36	36-43	43-50	50-57	57-64	64-71	71-78	78-85
B29776	27	45	40	21	19	18	14	9	10	20		
B29777	36	46	52	37	36	25						
B29778	26	37	32	22	15	13	15	29	-4			
B29779	38	43	37	21	24	21	31	22	5			
B29780	35	48	37	28	23	14	13	14	11			
B29781	32	40	43	25	28	18	19	13	13			
B29782	37	42	30	17	21	29	25	46	-8			
B29783	37	47	33	25	26	12	13	9	16	5		
B29784	40	50	45	29	22	17	13	14	10			
B29785	29	42	27	21	23	21	11	6	23			
B29786	43	51	34	36	25	22	16	33	-3	13	19	-8
B29787	30	46	49	30	28	21	17	20	15	12	18	37
B29788	33	46	40	19	13	21	9	10	6			
B29789	41	59	36	15	28	32	34	10	21			
B29790	27	36	27	19	20	15	13	9	8			
B29791	37	48	28	30	9	31	11	28	9			
B29792	33	45	34	20	22	18	7	5	11			
B29793	35	38	38	19	25	12	7	20	8			
B29794	33	40	27	17	15	13	13	8	10			
B29795	31	37	41	30	20	21	10	16	-4			
B29796	32	41	36	22	14	15	12	19	1			
B29797	35	40	28	29	13	14	12	7	2			
B29798	31	43	37	21	13	21	34	29	-9	26	30	58
B29799	41	50	34	16	40	7	20	11	12			
B29800	24	40	32	19	21	17	12	7	11			
MEAN	34	44	36	23	22	19	16	16	7	15	22	29
S.D.	5	5	7	6	7	6	8	10	8	8	7	34
N	25	25	25	25	25	25	24	24	24	5	3	3

44. F1 generation - body weights (individual values/grams/females/pregnancy period)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F1 GENERATION

BODY WEIGHT (Individual values/grams/Females/Pregnancy period)

Dose: 0 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0	7	14	20
B29701	SP	261	290	323	413
B29702	SP	300	356	404	499
B29703	SNB	315	350	340	344
B29704	SP	304	326	359	443
B29705	SP	280	305	330	415
B29706	SP	320	348	396	486
B29707	SNB	323	325	324	346
B29708	SP	229	251	275	351
B29709	SP	325	359	391	474
B29710	SP	272	317	355	450
B29711	SP	253	285	320	399
B29712	SNB	298	324	317	323
B29713	SP	288	313	333	413
B29714	SP	303	328	368	409
B29715	SP	274	311	353	429
B29716	SP	258	291	329	403
B29717	SP	280	305	345	432
B29718	SP	267	293	329	412
B29719	SP	313	358	391	488
B29720	SPE				
B29721	SP	253	293	325	388
B29722	SP	296	316	357	440
B29723	SP	270	298	321	392
B29724	SP	282	309	340	419
B29725	SP	308	341	372	447
MEAN		283	314	348	429
S.D.		25	28	31	37
N		21	21	21	21

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate

F1 GENERATION

BODY WEIGHT (Individual values/grams/Females/Pregnancy period)

Dose: 250 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0	7	14	20
B29726	SP	305	349	383	464
B29727	SP	232	276	319	402
B29728	SP	270	309	328	412
B29729	SP	226	262	302	382
B29730	SNB	243	265	264	270
B29731	SP	270	296	334	414
B29732	SP	294	316	346	416
B29733	SP	292	309	346	425
B29734	SP	346	370	402	488
B29735	SP	295	338	371	450
B29736	SP	291	323	358	437
B29737	SNB	298	316	317	323
B29738	SPB	335	347	371	388
B29739	UPL	302	320	355	424
B29740	SP	229	245	276	354
B29741	SP	251	282	309	393
B29742	SP	255	289	326	396
B29743	SP	300	330	364	450
B29744	SP	305	343	382	479
B29745	SP	291	317	345	411
B29746	SNE				
B29747	SP	270	306	333	410
B29748	SP	248	277	319	405
B29749	SP	282	324	368	440
B29750	SP	292	325	362	448
MEAN		278	310	344	424
S.D.		30	30	30	32
N		21	21	21	21

SP=Fin sac/Pg SPB=Fin sac/Pg/No delivery SNB=Fin sac/NotPg/No delivery SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation

F1 GENERATION

BODY WEIGHT (Individual values/grams/Females/Pregnancy period)

Dose: 500 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0	7	14	20
B29751	SP	276	310	351	387
B29752	SP	279	309	341	422
B29753	SP	294	335	384	457
B29754	SP	285	317	343	416
B29755	SP	261	282	323	413
B29756	SP	234	249	273	341
B29757	SP	288	323	351	436
B29758	SP	304	325	354	437
B29759	SP	267	288	314	395
B29760	SP	298	320	352	451
B29761	SNB	272	317	337	322
B29762	SNB	294	322	332	355
B29763	SP	288	316	345	428
B29764	SP	280	318	361	447
B29765	SP	266	305	338	409
B29766	SP	276	300	328	409
B29767	SP	273	290	333	412
B29768	SP	231	249	275	345
B29769	SP	241	266	296	367
B29770	SP	301	341	373	465
B29771	SP	291	339	391	489
B29772	SP	267	306	337	410
B29773	SNB	274	295	299	301
B29774	SP	235	262	292	351
B29775	SP	266	295	318	403
MEAN		273	302	335	413
S.D.		22	27	31	39
N		22	22	22	22

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F1 GENERATION

BODY WEIGHT (Individual values/grams/Females/Pregnancy period)

Dose: 1000 mg/kg/day

FEMALE#		DAY OF PREGNANCY			
		0	7	14	20
B29776	SP	270	305	330	414
B29777	DV				
B29778	SNB	258	263	261	269
B29779	SP	310	336	367	436
B29780	SP	288	319	351	426
B29781	SP	300	328	353	428
B29782	SP	314	341	373	455
B29783	SP	287	319	348	419
B29784	SP	300	325	358	452
B29785	SP	267	298	337	408
B29786	SNE				
B29787	SPE				
B29788	SP	263	290	323	387
B29789	SP	332	373	408	472
B29790	SP	240	270	305	392
B29791	SP	302	335	366	438
B29792	SP	265	300	341	424
B29793	SP	257	287	319	379
B29794	SP	229	250	274	342
B29795	SP	258	299	339	397
B29796	SP	260	289	320	394
B29797	SP	250	274	299	370
B29798	SPE				
B29799	UPL	292	308	352	443
B29800	SP	249	276	313	388
MEAN		277	306	339	413
S.D.		28	29	30	32
N		20	20	20	20

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation DV=Dead/Before mating

45. F1 generation - body weight change (individual values/grams/females/pregnancy period)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Pregnancy period)

Dose: 0 mg/kg/day

FEMALE#	DAY OF PREGNANCY		
	0 - 7	7 - 14	14 - 20
B29701	SP 29	33	90
B29702	SP 56	48	95
B29703	SNB 35	-10	4
B29704	SP 22	34	83
B29705	SP 25	25	85
B29706	SP 28	47	90
B29707	SNB 2	-2	23
B29708	SP 22	24	76
B29709	SP 34	32	84
B29710	SP 45	38	95
B29711	SP 31	35	79
B29712	SNB 25	-7	6
B29713	SP 25	20	80
B29714	SP 26	40	41
B29715	SP 38	42	76
B29716	SP 33	38	74
B29717	SP 25	40	87
B29718	SP 26	36	83
B29719	SP 45	33	96
B29720	SPE		
B29721	SP 40	32	63
B29722	SP 20	41	83
B29723	SP 28	24	71
B29724	SP 27	31	79
B29725	SP 33	31	75
MEAN	31	34	80
S.D.	9	7	12
N	21	21	21

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Pregnancy period)

Dose: 250 mg/kg/day

FEMALE#	DAY OF PREGNANCY			
	0 - 7	7 - 14	14 - 20	
B29726	SP	44	34	81
B29727	SP	45	43	83
B29728	SP	39	20	83
B29729	SP	36	40	80
B29730	SNB	22	-1	6
B29731	SP	27	38	81
B29732	SP	22	30	70
B29733	SP	17	38	79
B29734	SP	24	32	86
B29735	SP	43	33	78
B29736	SP	32	35	79
B29737	SNB	18	0	7
B29738	SPB	12	25	17
B29739	UPL	18	35	69
B29740	SP	16	31	78
B29741	SP	31	27	84
B29742	SP	34	37	69
B29743	SP	30	34	86
B29744	SP	39	39	97
B29745	SP	26	28	66
B29746	SNE			
B29747	SP	35	27	77
B29748	SP	28	42	87
B29749	SP	42	44	72
B29750	SP	33	37	86
MEAN		31	34	80
S.D.		9	6	7
N		21	21	21

SP=Fin sac/Pg SPB=Fin sac/Pg/No delivery SNB=Fin sac/NotPg/No delivery SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Pregnancy period)

Dose: 500 mg/kg/day

FEMALE#		DAY OF PREGNANCY		
		0 - 7	7 - 14	14 - 20
B29751	SP	34	41	36
B29752	SP	30	32	81
B29753	SP	41	49	73
B29754	SP	32	26	74
B29755	SP	21	41	90
B29756	SP	16	23	68
B29757	SP	36	27	85
B29758	SP	22	29	83
B29759	SP	22	26	81
B29760	SP	23	32	99
B29761	SNB	45	21	-15
B29762	SNB	28	9	24
B29763	SP	29	29	84
B29764	SP	38	43	87
B29765	SP	40	32	71
B29766	SP	25	27	82
B29767	SP	18	43	79
B29768	SP	19	25	70
B29769	SP	25	30	71
B29770	SP	41	31	92
B29771	SP	47	52	99
B29772	SP	40	31	73
B29773	SNB	22	4	2
B29774	SP	27	30	59
B29775	SP	29	23	85
MEAN		30	33	78
S.D.		9	8	14
N		22	22	22

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Pregnancy period)

Dose: 1000 mg/kg/day

FEMALE#		DAY OF PREGNANCY		
		0 - 7	7 - 14	14 - 20
B29776	SP	35	25	84
B29777	DV			
B29778	SNB	5	-2	8
B29779	SP	26	31	69
B29780	SP	31	32	75
B29781	SP	27	25	75
B29782	SP	27	33	82
B29783	SP	32	29	71
B29784	SP	25	32	95
B29785	SP	31	39	71
B29786	SNE			
B29787	SPE			
B29788	SP	27	33	64
B29789	SP	40	36	63
B29790	SP	30	35	87
B29791	SP	33	31	72
B29792	SP	36	41	83
B29793	SP	30	32	60
B29794	SP	21	24	69
B29795	SP	41	40	58
B29796	SP	30	30	75
B29797	SP	24	26	71
B29798	SPE			
B29799	UPL	15	45	91
B29800	SP	28	36	75
MEAN		29	33	74
S.D.		6	6	10
N		20	20	20

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation DV=Dead/Before mating

46. F1 generation - body weights (individual values/grams/females/lactation period)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F1 GENERATION

BODY WEIGHT (Individual values/grams/Females/Lactation period)

Dose: 0 mg/kg/day

FEMALE#		DAY POSTPARTUM			
		1	7	14	21
B29701	SP	323	313	329	323
B29702	SP	410	383	369	352
B29703	SNB				
B29704	SP	368	360	369	346
B29705	SP	311	320	338	331
B29706	SP	381	377	379	349
B29707	SNB				
B29708	SP	259	275	281	279
B29709	SP	397	370	380	384
B29710	SP	346	353	369	364
B29711	SP	311	323	336	327
B29712	SNB				
B29713	SP	341	355	361	322
B29714	SP	374	368	368	344
B29715	SP	325	336	336	322
B29716	SP	277	302	336	327
B29717	SP	338	347	352	324
B29718	SP	334	346	332	342
B29719	SP	385	425	419	366
B29720	SPE				
B29721	SP	305	314	314	316
B29722	SP	354	369	379	362
B29723	SP	314	307	267	302
B29724	SP	330	333	340	323
B29725	SP	358	381	361	356
MEAN		340	346	348	336
S.D.		38	34	34	24
N		21	21	21	21

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate

F1 GENERATION

BODY WEIGHT (Individual values/grams/Females/Lactation period)

Dose: 250 mg/kg/day

FEMALE#		DAY POSTPARTUM			
		1	7	14	21
B29726	SP	363	377	384	368
B29727	SP	322	327	325	308
B29728	SP	317	320	332	327
B29729	SP	295	303	322	308
B29730	SNB				
B29731	SP	332	333	351	341
B29732	SP	337	352	343	344
B29733	SP	353	357	346	324
B29734	SP	343	349	381	357
B29735	SP	345	366	383	352
B29736	SP	345	355	368	373
B29737	SNB				
B29738	SPB				
B29739	UPL	356			
B29740	SP	280	288	293	297
B29741	SP	287	304	311	304
B29742	SP	290	301	327	325
B29743	SP	351	362	373	359
B29744	SP	389	369	376	342
B29745	SP	329	340	358	333
B29746	SNE				
B29747	SP	325	347	370	333
B29748	SP	317	303	313	315
B29749	SP	367	382	398	370
B29750	SP	345	356	380	347
MEAN		333	340	352	336
S.D.		28	28	30	23
N		21	20	20	20

SP=Fin sac/Pg SPB=Fin sac/Pg/No delivery SNB=Fin sac/NotPg/No delivery SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation

F1 GENERATION

BODY WEIGHT (Individual values/grams/Females/Lactation period)

Dose: 500 mg/kg/day

FEMALE#		DAY POSTPARTUM			
		1	7	14	21
B29751	SP	310	303	334	329
B29752	SP	334	330	317	347
B29753	SP	373	370	397	386
B29754	SP	321	331	348	313
B29755	SP	328	331	343	330
B29756	SP	254	267	287	269
B29757	SP	359	361	362	326
B29758	SP	359	382	390	367
B29759	SP	316	335	339	326
B29760	SP	338	336	354	352
B29761	SNB				
B29762	SNB				
B29763	SP	325	367	377	344
B29764	SP	343	353	367	339
B29765	SP	337	357	358	353
B29766	SP	317	326	348	337
B29767	SP	320	349	358	338
B29768	SP	278	291	305	301
B29769	SP	302	301	297	290
B29770	SP	361	350	346	341
B29771	SP	376	377	386	361
B29772	SP	325	325	329	307
B29773	SNB				
B29774	SP	272	287	297	289
B29775	SP	318	324	330	315
MEAN		326	334	344	330
S.D.		31	30	31	28
N		22	22	22	22

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F1 GENERATION

BODY WEIGHT (Individual values/grams/Females/Lactation period)

Dose: 1000 mg/kg/day

FEMALE#		DAY POSTPARTUM			
		1	7	14	21
B29776	SP	327	324	331	320
B29777	DV				
B29778	SNB				
B29779	SP	342	351	359	345
B29780	SP	327	346	372	352
B29781	SP	325	356	368	350
B29782	SP	379	383	382	375
B29783	SP	322	334	354	344
B29784	SP	335	352	362	345
B29785	SP	326	341	355	323
B29786	SNE				
B29787	SPE				
B29788	SP	314	315	337	327
B29789	SP	389	385	388	367
B29790	SP	298	317	326	311
B29791	SP	375	375	373	363
B29792	SP	323	345	367	345
B29793	SP	300	315	334	323
B29794	SP	259	278	290	295
B29795	SP	318	335	359	338
B29796	SP	306	328	346	336
B29797	SP	282	291	302	304
B29798	SPE				
B29799	UPL	349			
B29800	SP	315	322	340	328
MEAN		325	336	350	336
S.D.		32	28	26	21
N		20	19	19	19

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation DV=Dead/Before mating

47. F1 generation - body weight change - (individual values/grams/females/lactation period)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Lactation period)

Dose: 0 mg/kg/day

FEMALE#		DAY OF LACTATION		
		1 - 7	7 - 14	14 - 21
E29701	SP	-10	16	-6
E29702	SP	-27	-14	-17
E29703	SNB			
E29704	SP	-8	8	-23
E29705	SP	9	18	-7
E29706	SP	-5	2	-30
E29707	SNB			
E29708	SP	17	6	-2
E29709	SP	-27	10	4
E29710	SP	7	16	-5
E29711	SP	12	13	-9
E29712	SNB			
E29713	SP	15	5	-38
E29714	SP	-6	0	-24
E29715	SP	11	-1	-14
E29716	SP	25	34	-9
E29717	SP	9	5	-28
E29718	SP	12	-14	10
E29719	SP	40	-6	-53
E29720	SPE			
E29721	SP	10	0	2
E29722	SP	15	10	-17
E29723	SP	-8	-40	35
E29724	SP	3	8	-17
E29725	SP	23	-20	-5
MEAN		6	3	-12
S.D.		16	16	18
N		21	21	21

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Lactation period)

Dose: 250 mg/kg/day

FEMALE#		DAY OF LACTATION		
		1 - 7	7 - 14	14 - 21
B29726	SP	14	7	-16
B29727	SP	5	-2	-17
B29728	SP	2	13	-6
B29729	SP	8	19	-14
B29730	SNB			
B29731	SP	1	18	-11
B29732	SP	15	-10	1
B29733	SP	4	-11	-22
B29734	SP	5	33	-25
B29735	SP	21	17	-30
B29736	SP	10	13	5
B29737	SNB			
B29738	SPB			
B29739	UPL			
B29740	SP	8	5	4
B29741	SP	17	7	-6
B29742	SP	11	26	-2
B29743	SP	11	10	-13
B29744	SP	-20	6	-33
B29745	SP	12	18	-25
B29746	SNE			
B29747	SP	23	23	-37
B29748	SP	-13	10	2
B29749	SP	15	15	-27
B29750	SP	10	24	-33
MEAN		8	12	-15
S.D.		10	11	13
N		20	20	20

SP=Fin sac/Pg SPB=Fin sac/Pg/No delivery SNB=Fin sac/NotPg/No delivery SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Lactation period)

Dose: 500 mg/kg/day

FEMALE#		DAY OF LACTATION		
		1 - 7	7 - 14	14 - 21
B29751	SP	-6	30	-4
B29752	SP	-4	-13	31
B29753	SP	-3	27	-11
B29754	SP	11	16	-34
B29755	SP	4	12	-13
B29756	SP	13	20	-18
B29757	SP	2	1	-36
B29758	SP	23	8	-23
B29759	SP	19	4	-13
B29760	SP	-2	18	-2
B29761	SNB			
B29762	SNB			
B29763	SP	42	9	-33
B29764	SP	10	14	-27
B29765	SP	20	2	-5
B29766	SP	10	21	-11
B29767	SP	29	9	-19
B29768	SP	13	14	-4
B29769	SP	-2	-4	-7
B29770	SP	-12	-4	-5
B29771	SP	2	9	-26
B29772	SP	0	5	-22
B29773	SNB			
B29774	SP	14	10	-8
B29775	SP	5	6	-15
MEAN		8	10	-14
S.D.		13	10	14
N		22	22	22

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F1 GENERATION

BODY WEIGHT CHANGE (Individual values/grams/Females/Lactation period)

Dose: 1000 mg/kg/day

FEMALE#		DAY OF LACTATION		
		1 - 7	7 - 14	14 - 21
B29776	SP	-3	7	-11
B29777	DV			
B29778	SNB			
B29779	SP	8	8	-14
B29780	SP	19	26	-20
B29781	SP	32	12	-18
B29782	SP	4	-1	-8
B29783	SP	12	20	-10
B29784	SP	17	10	-17
B29785	SP	15	14	-31
B29786	SNE			
B29787	SPE			
B29788	SP	1	22	-9
B29789	SP	-4	3	-21
B29790	SP	19	10	-16
B29791	SP	-1	-2	-10
B29792	SP	22	21	-22
B29793	SP	16	19	-11
B29794	SP	19	12	5
B29795	SP	17	24	-21
B29796	SP	22	18	-10
B29797	SP	10	11	3
B29798	SPE			
B29799	UPL			
B29800	SP	7	19	-13
MEAN		12	13	-13
S.D.		10	8	8
N		19	19	19

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation DV=Dead/Before mating

48. F1 generation - food consumption (individual values/grams per day/males)

F1 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Males)

MALES Dose: 250 mg/kg/day

Animal No.	Day of Study													
	1-8	8-15	15-22	22-29	29-36	36-43	43-50	50-57	57-64	85-92	92-99	99-106	106-113	113-120
B29326	15	23	28	29	30	31	29	30	30	29	28	26	24	26
B29327	14	17	23	24	25	25	25	24	25	25	23	22	23	22
B29328	15	17	24	25	27	28	26	26	26	22	22	23	23	24
B29329	16	18	25	25	26	27	26	25	24	23	23	25	23	23
B29330	15	16	22	24	23	24	23	23	22	22	22	22	22	21
B29331	15	19	26	27	28	31	29	28	27	FALL	26	28	26	27
B29332	13	17	23	24	26	27	27	27	26	26	25	27	25	26
B29333	13	17	24	24	25	27	25	26	25	23	24	18	23	24
B29334	19	19	26	27	29	30	28	28	30	26	25	25	24	23
B29335	15	19	25	27	28	30	28	27	25	25	25	24	24	22
B29336	13	19	22	25	27	29	26	30	29	21	22	25	32	31
B29337	14	18	24	28	31	31	30	31	31	31	29	29	29	28
B29338	14	18	25	26	30	32	30	29	30	26	28	26	27	26
B29339	15	21	27	26	27	26	27	27	25	19	22	20	21	20
B29340	14	18	27	30	29	29	27	28	26	26	26	25	24	23
B29341	12	18	26	28	29	29	28	27	27	24	24	24	24	23
B29342	13	17	24	27	29	29	28	29	29	26	27	26	26	24
B29343	15	21	26	28	31	30	28	27	27	27	27	27	26	24
B29344	14	18	23	24	25	26	25	25	24	23	22	22	22	20
B29345	15	19	26	28	29	28	26	28	27	24	25	25	25	24
B29346	13	18	24	25	27	30	29	29	29	28	28	29	28	28
B29347	14	19	23	26	29	28	29	29	27	27	25	24	26	25
B29348	16	22	28	29	31	32	30	30	29	27	29	28	28	26
B29349	14	22	27	28	30	30	28	27	26	26	24	25	25	24
B29350	11	16	22	23	27	29	27	27	26	20	23	24	24	23
MEAN	14	19	25	26	28	29	27	28	27	25	25	25	25	24
S.D.	2	2	2	2	2	2	2	2	2	3	2	3	2	2
N	25	25	25	25	25	25	25	25	25	24	25	25	25	25

FALL=FALL OF THE FOOD-HOPPER

F1 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Males)

MALES Dose: 500 mg/kg/day

Animal No.	Day of Study													
	1-8	8-15	15-22	22-29	29-36	36-43	43-50	50-57	57-64	85-92	92-99	99-106	106-113	113-120
B29351	15	18	25	24	26	26	25	26	25	25	24	27	26	26
B29352	14	17	23	24	26	27	26	26	25	27	25	26	26	26
B29353	14	20	27	30	28	29	27	26	27	27	25	26	25	25
B29354	15	22	30	32	33	33	31	31	28	29	29	31	28	28
B29355	14	19	28	27	28	29	28	29	26	25	25	25	23	23
B29356	13	16	20	20	20	21	22	22	21	23	24	23	22	24
B29357	13	18	23	26	27	30	28	28	27	27	26	28	28	27
B29358	16	20	25	27	29	28	28	27	24	25	27	25	26	26
B29359	17	21	28	31	33	34	33	33	31	30	29	29	29	27
B29360	17	24	32	33	36	36	32	32	31	29	29	30	28	25
B29361	16	21	28	30	31	29	30	33	30	28	28	28	31	29
B29362	14	18	25	27	29	27	28	29	30	30	28	30	31	30
B29363	17	22	31	34	34	34	31	31	33	21	29	30	32	30
B29364	16	20	27	29	30	31	29	30	31	27	26	26	27	27
B29365	16	19	26	30	30	30	27	27	26	27	28	26	26	27
B29366	15	20	28	31	32	31	30	30	30	27	24	23	26	24
B29367	13	16	23	26	25	26	26	26	26	23	25	24	25	23
B29368	8	12	18	21	21	23	23	23	23	21	21	13	8	23
B29369	12	13	18	21	21	25	24	26	26	22	22	21	21	21
B29370	15	20	27	28	30	30	30	30	28	28	27	28	29	25
B29371	15	21	27	32	33	31	29	31	29	29	29	28	28	27
B29372	12	18	27	30	32	34	34	33	30	31	32	17	21	29
B29373	15	21	28	29	30	31	30	31	29	28	27	25	28	27
B29374	15	18	25	26	28	29	27	27	27	27	25	26	24	1
B29375	12	19	26	29	30	32	29	31	31	28				
MEAN	14	19	26	28	29	29	28	29	28	27	26	25	26	25
S.D.	2	3	3	4	4	4	3	3	3	3	3	4	5	6
N	25	25	25	25	25	25	25	25	25	25	24	24	24	24

49. F1 generation - food consumption
(individual values/grams per day/females/premating period)

F1 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

Animal No.	Day of Study								
	1-8	8-15	15-22	22-29	29-36	36-43	43-50	50-57	57-64
B29751	FALL	16	21	21	22	20	19	20	21
B29752	12	14	18	18	17	19	19	20	20
B29753	13	17	20	20	19	18	17	18	19
B29754	10	15	18	18	18	19	17	18	18
B29755	8	12	15	16	16	17	16	20	19
B29756	12	13	17	16	14	14	14	14	16
B29757	14	17	20	20	20	19	20	24	21
B29758	14	17	20	20	21	21	21	19	19
B29759	14	15	17	17	17	18	19	17	18
B29760	15	17	20	19	19	19	20	21	18
B29761	12	15	18	18	17	18	19	15	17
B29762	13	16	19	19	20	18	19	22	19
B29763	13	15	19	19	18	18	18	21	17
B29764	16	18	20	20	18	17	19	18	17
B29765	16	17	19	18	18	17	17	18	17
B29766	13	16	21	19	18	19	18	20	15
B29767	13	15	17	17	17	16	17	19	16
B29768	11	14	17	16	16	16	15	15	15
B29769	12	15	18	18	16	16	16	18	18
B29770	14	17	19	20	17	19	20	29	23
B29771	13	16	19	18	20	19	21	21	22
B29772	11	15	19	20	19	19	21	22	22
B29773	14	17	20	18	18	18	18	20	17
B29774	13	14	17	16	17	16	15	16	16
B29775	12	16	19	18	19	18	19	19	22
MEAN	13	16	19	18	18	18	18	19	19
S.D.	2	1	1	1	2	1	2	3	2
N	24	25	25	25	25	25	25	25	25

FALL=FALL OF THE FOOD-HOPPER

F1 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

Animal No.	Day of Study								
	1-8	8-15	15-22	22-29	29-36	36-43	43-50	50-57	57-64
B29776	12	16	19	20	18	19	18	16	19
B29777	14	17	21	25	24	24			
B29778	13	14	16	17	16	16	16	20	16
B29779	15	17	19	17	18	18	19	21	19
B29780	15	18	20	20	20	20	20	18	19
B29781	16	16	20	20	20	19	21	19	19
B29782	17	19	19	18	19	20	21	27	21
B29783	16	18	20	19	21	19	19	19	19
B29784	16	18	21	21	20	20	20	20	19
B29785	15	17	18	18	17	18	17	17	20
B29786	16	19	21	21	21	21	19	25	20
B29787	12	16	21	23	21	22	21	22	22
B29788	13	18	21	21	18	19	17	18	17
B29789	14	20	23	21	21	23	25	27	18
B29790	12	15	17	17	16	16	17	16	16
B29791	14	18	21	21	19	22	22	23	23
B29792	13	17	20	19	18	17	16	17	16
B29793	13	16	19	19	18	19	18	19	18
B29794	14	16	17	15	15	15	16	16	15
B29795	11	15	18	19	18	18	17	19	17
B29796	13	16	19	19	18	20	19	20	18
B29797	13	16	17	18	17	17	16	17	16
B29798	12	16	19	18	16	17	20	25	18
B29799	15	20	22	20	22	20	22	21	19
B29800	11	15	19	19	18	19	18	17	18
MEAN	14	17	20	19	19	19	19	20	18
S.D.	2	2	2	2	2	2	2	3	2
N	25	25	25	25	25	25	24	24	24

50. F1 generation - food consumption
(individual values/grams per day/females/pregnancy period)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F1 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Pregnancy period)

Dose: 0 mg/kg/day

FEMALE#	DAY OF PREGNANCY			
	0 - 7	7 - 14	14 - 20	
B29701	SP	20	22	32
B29702	SP	32	36	37
B29703	SNB	25	19	16
B29704	SP	23	25	33
B29705	SP	21	22	26
B29706	SP	23	26	29
B29707	SNB	18	16	20
B29708	SP	19	19	22
B29709	SP	24	25	32
B29710	SP	26	29	31
B29711	SP	23	23	29
B29712	SNB	23	19	17
B29713	SP	19	21	31
B29714	SP	23	28	29
B29715	SP	22	25	30
B29716	SP	22	23	24
B29717	SP	22	26	32
B29718	SP	20	22	29
B29719	SP	25	25	33
B29720	SPE			
B29721	SP	22	24	26
B29722	SP	21	24	30
B29723	SP	21	22	26
B29724	SP	22	24	30
B29725	SP	22	25	28
MEAN		22	25	29
S.D.		3	3	4
N		21	21	21

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate

F1 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Pregnancy period)

Dose: 250 mg/kg/day

FEMALE#	DAY OF PREGNANCY			
	0 - 7	7 - 14	14 - 20	
B29726	SP	28	29	33
B29727	SP	23	28	33
B29728	SP	23	23	28
B29729	SP	20	22	29
B29730	SNB	18	17	19
B29731	SP	21	24	29
B29732	SP	23	25	23
B29733	SP	19	22	32
B29734	SP	22	26	27
B29735	SP	27	27	28
B29736	SP	23	25	30
B29737	SNB	20	19	19
B29738	SPB	21	24	25
B29739	UPL	21	23	28
B29740	SP	15	18	25
B29741	SP	19	19	29
B29742	SP	23	23	28
B29743	SP	23	24	33
B29744	SP	23	25	32
B29745	SP	23	22	25
B29746	SNE			
B29747	SP	22	22	28
B29748	SP	19	23	29
B29749	SP	25	29	33
B29750	SP	23	26	28
MEAN		22	24	29
S.D.		3	3	3
N		21	21	21

SP=Fin sac/Pg SPB=Fin sac/Pg/No delivery SNB=Fin sac/NotPg/No delivery SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation

F1 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Pregnancy period)

Dose: 500 mg/kg/day

FEMALE#		DAY OF PREGNANCY		
		0 - 7	7 - 14	14 - 20
B29751	SP	28	29	27
B29752	SP	24	25	31
B29753	SP	26	30	34
B29754	SP	21	21	27
B29755	SP	21	24	32
B29756	SP	17	17	23
B29757	SP	24	26	31
B29758	SP	23	23	28
B29759	SP	20	21	26
B29760	SP	22	22	30
B29761	SNB	24	25	18
B29762	SNB	22	22	25
B29763	SP	22	23	29
B29764	SP	23	27	32
B29765	SP	22	24	29
B29766	SP	23	23	29
B29767	SP	20	25	32
B29768	SP	18	19	29
B29769	SP	19	22	36
B29770	SP	27	30	36
B29771	SP	28	32	37
B29772	SP	25	26	31
B29773	SNB	20	19	18
B29774	SP	18	22	32
B29775	SP	24	24	29
MEAN		23	24	30
S.D.		3	4	3
N		22	22	22

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F1 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Pregnancy period)

Dose: 1000 mg/kg/day

FEMALE#		DAY OF PREGNANCY		
		0 - 7	7 - 14	14 - 20
B29776	SP	22	22	31
B29777	DV			
B29778	SNB	19	18	20
B29779	SP	21	23	27
B29780	SP	22	24	28
B29781	SP	23	24	26
B29782	SP	26	30	32
B29783	SP	23	25	27
B29784	SP	22	22	30
B29785	SP	24	27	30
B29786	SNE			
B29787	SPE			
B29788	SP	20	23	27
B29789	SP	30	32	31
B29790	SP	20	24	29
B29791	SP	28	29	34
B29792	SP	24	28	32
B29793	SP	23	22	24
B29794	SP	18	19	22
B29795	SP	23	26	30
B29796	SP	24	26	27
B29797	SP	22	23	26
B29798	SPE			
B29799	UPL	16	27	35
B29800	SP	21	24	30
MEAN		23	25	29
S.D.		3	3	3
N		20	20	20

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation DV=Dead/Before mating

51. F1 generation - food consumption
(individual values/grams per day/females/lactation period)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F1 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Lactation period)

Dose: 0 mg/kg/day

FEMALE#		DAY OF LACTATION		
		1 - 7	7 - 14	14 - 21
E29701	SP	31	54	64
E29702	SP	36	49	61
E29703	SNB			
E29704	SP	36	56	63
E29705	SP	31	49	60
E29706	SP	34	56	63
E29707	SNB			
E29708	SP	29	43	52
E29709	SP	36	53	78
E29710	SP	40	58	70
E29711	SP	39	54	68
E29712	SNB			
E29713	SP	36	52	57
E29714	SP	24	41	46
E29715	SP	39	55	66
E29716	SP	36	50	62
E29717	SP	37	52	57
E29718	SP	33	47	52
E29719	SP	41	59	66
E29720	SPE			
E29721	SP	34	47	62
E29722	SP	43	59	70
E29723	SP	33	44	63
E29724	SP	38	59	70
E29725	SP	40	54	61
MEAN		35	52	62
S.D.		4	5	7
N		21	21	21

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate

F1 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Lactation period)

Dose: 250 mg/kg/day

FEMALE#	DAY OF LACTATION			
	1 - 7	7 - 14	14 - 21	
B29726	SP	37	58	67
B29727	SP	40	53	61
B29728	SP	35	54	69
B29729	SP	34	52	62
B29730	SNB			
B29731	SP	33	56	72
B29732	SP	33	48	59
B29733	SP	37	48	57
B29734	SP	27	55	63
B29735	SP	15	67	76
B29736	SP	40	61	81
B29737	SNB			
B29738	SPB			
B29739	UPL			
B29740	SP	30	50	64
B29741	SP	34	50	64
B29742	SP	41	59	69
B29743	SP	33	55	70
B29744	SP	39	54	62
B29745	SP	38	56	66
B29746	SNE			
B29747	SP	47	62	70
B29748	SP	32	52	64
B29749	SP	39	60	65
B29750	SP	43	59	68
MEAN		35	55	66
S.D.		7	5	6
N		20	20	20

SP=Fin sac/Pg SPB=Fin sac/Pg/No delivery SNB=Fin sac/NotPg/No delivery SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation

F1 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Lactation period)

Dose: 500 mg/kg/day

FEMALE#	DAY OF LACTATION			
	1 - 7	7 - 14	14 - 21	
B29751	SP	28	58	73
B29752	SP	36	52	72
B29753	SP	35	59	79
B29754	SP	34	53	62
B29755	SP	32	48	55
B29756	SP	32	49	57
B29757	SP	40	58	67
B29758	SP	45	61	72
B29759	SP	40	54	64
B29760	SP	35	55	71
B29761	SNB			
B29762	SNB			
B29763	SP	46	66	78
B29764	SP	42	64	80
B29765	SP	40	54	66
B29766	SP	32	52	66
B29767	SP	37	54	63
B29768	SP	32	49	62
B29769	SP	32	46	56
B29770	SP	26	48	62
B29771	SP	38	56	68
B29772	SP	37	57	69
B29773	SNB			
B29774	SP	34	50	60
B29775	SP	34	55	65
MEAN		36	54	67
S.D.		5	5	7
N		22	22	22

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F1 GENERATION

FOOD CONSUMPTION (Individual values/grams per day/Females/Lactation period)

Dose: 1000 mg/kg/day

FEMALE#		DAY OF LACTATION		
		1 - 7	7 - 14	14 - 21
B29776	SP	33	53	65
B29777	DV			
B29778	SNB			
B29779	SP	37	52	66
B29780	SP	42	63	69
B29781	SP	40	60	71
B29782	SP	31	49	65
B29783	SP	35	58	77
B29784	SP	33	50	61
B29785	SP	45	60	68
B29786	SNE			
B29787	SPE			
B29788	SP	37	56	72
B29789	SP	45	58	68
B29790	SP	39	56	66
B29791	SP	43	59	71
B29792	SP	39	59	62
B29793	SP	38	51	64
B29794	SP	36	51	61
B29795	SP	40	58	66
B29796	SP	42	63	76
B29797	SP	34	49	63
B29798	SPE			
B29799	UPL			
B29800	SP	36	60	68
MEAN		38	56	67
S.D.		4	5	5
N		19	19	19

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation DV=Dead/Before mating

52. F1 generation - sexual development

52.1. F1 generation - cleavage of the balanopreputial gland

F 1 GENERATION
CLEAVAGE OF THE BALANOPREPUTIAL GLAND
(observation between day 32 and day 47 old)

Sex: male

Dose-level: 0 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (grams)
B29301	40	141.0
B29302	36	139.4
B29303	34	128.6
B29304	40	177.4
B29305	33	110.8
B29306	35	153.4
B29307	33	144.1
B29308	35	114.7
B29309	34	139.8
B29310	32	119.3
B29311	32	126.4
B29312	33	121.5
B29313	33	126.4
B29314	38	157.8
B29315	34	125.6
B29316	34	129.6
B29317	35	132.2
B29318	37	165.5
B29319	32	123.3
B29320	35	129.4
B29321	33	124.0
B29322	36	145.8
B29323	33	132.8
B29324	32	124.0
B29325	35	142.2
n	25	25
Mean age of appearance	35	
Mean body weight		135.0
SD	2	15.9

F 1 GENERATION
CLEAVAGE OF THE BALANOPREPUTIAL GLAND
(observation between day 32 and day 47 old)

Sex: male

Dose-level: 250 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (grams)
B29326	34	136.4
B29327	34	125.3
B29328	34	124.6
B29329	32	114.8
B29330	33	112.4
B29331	34	129.0
B29332	35	128.3
B29333	35	130.0
B29334	34	135.7
B29335	33	126.6
B29336	34	130.8
B29337	33	123.6
B29338	33	134.2
B29339	33	131.8
B29340	34	124.0
B29341	37	151.6
B29342	38	149.1
B29343	32	131.0
B29344	37	149.8
B29345	33	120.9
B29346	39	169.4
B29347	37	153.5
B29348	32	130.6
B29349	33	134.9
B29350	35	117.7
n	25	25
Mean age of appearance	34	
Mean body weight		132.6
SD	2	13.2

F 1 GENERATION
CLEAVAGE OF THE BALANOPREPUTIAL GLAND
(observation between day 32 and day 47 old)

Sex: male

Dose-level: 500 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (grams)
B29351	35	128.4
B29352	35	121.9
B29353	35	140.1
B29354	35	152.3
B29355	33	124.8
B29356	34	114.6
B29357	36	135.7
B29358	35	152.3
B29359	35	161.2
B29360	33	142.9
B29361	34	147.1
B29362	37	162.5
B29363	33	144.6
B29364	32	133.2
B29365	33	124.5
B29366	33	135.9
B29367	32	101.6
B29368	40	111.5
B29369	41	140.2
B29370	36	155.4
B29371	35	143.9
B29372	36	138.2
B29373	35	145.0
B29374	34	126.6
B29375	35	136.4
n	25	25
Mean age of appearance	35	
Mean body weight		136.8
SD	2	15.1

F 1 GENERATION
CLEAVAGE OF THE BALANOPREPUTIAL GLAND
(observation between day 32 and day 47 old)

Sex: male

Dose-level: 1000 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (grams)
B29376	34	125.9
B29377	34	125.5
B29378	39	142.8
B29379	34	158.1
B29380	34	132.8
B29381	39	198.7
B29382	33	131.0
B29383	32	124.2
B29384	38	153.7
B29385	34	127.6
B29386	32	119.2
B29387	36	156.0
B29388	36	157.7
B29389	32	117.2
B29390	32	118.1
B29391	32	123.8
B29392	33	139.6
B29393	36	142.8
B29394	36	114.3
B29395	37	120.6
B29396	32	119.8
B29397	32	123.0
B29398	36	170.3
B29399	35	162.9
B29400	35	151.0
n	25	25
Mean age of appearance	35	
Mean body weight		138.3
SD	2	20.8

52.2. F1 generation - vaginal opening

**F 1 GENERATION
VAGINAL OPENING
(observation between day 28 and day 40 old)**

Sex: female

Dose-level: 0 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (grams)
B29701	37	98.3
B29702	32	99.7
B29703	34	105.8
B29704	32	104.6
B29705	32	100.5
B29706	37	138.8
B29707	34	129.2
B29708	35	105.5
B29709	32	112.2
B29710	33	121.8
B29711	37	124.0
B29712	37	140.6
B29713	37	137.3
B29714	34	116.0
B29715	31	90.5
B29716	32	106.6
B29717	36	115.5
B29718	31	109.7
B29719	36	160.5
B29720	36	114.2
B29721	31	98.8
B29722	36	128.6
B29723	28	87.6
B29724	29	92.6
B29725	34	114.8
n	25	25
Mean age of appearance	34	
Mean body weight		114.1
SD	3	17.7

**F 1 GENERATION
VAGINAL OPENING
(observation between day 28 and day 40 old)**

Sex: female

Dose-level: 250 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (grams)
B29726	33	119.5
B29727	33	104.8
B29728	33	118.2
B29729	34	116.0
B29730	33	110.8
B29731	36	133.0
B29732	32	85.3
B29733	36	119.6
B29734	33	117.3
B29735	30	106.3
B29736	35	124.8
B29737	33	114.8
B29738	31	104.3
B29739	38	156.5
B29740	37	112.5
B29741	38	133.5
B29742	31	87.4
B29743	38	148.1
B29744	31	101.0
B29745	33	103.7
B29746	35	126.6
B29747	35	119.6
B29748	29	97.6
B29749	31	109.4
B29750	36	140.3
n	25	25
Mean age of appearance	34	
Mean body weight		116.4
SD	3	17.1

F 1 GENERATION
VAGINAL OPENING
(observation between day 28 and day 40 old)

Sex: female

Dose-level: 500 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (grams)
B29751	35	116.0
B29752	35	109.8
B29753	34	115.0
B29754	35	114.2
B29755	40	120.4
B29756	33	91.5
B29757	34	118.8
B29758	34	125.7
B29759	34	114.7
B29760	34	115.2
B29761	33	109.0
B29762	33	119.0
B29763	40	146.1
B29764	31	110.5
B29765	36	132.3
B29766	37	137.0
B29767	34	114.1
B29768	37	117.2
B29769	37	112.4
B29770	37	134.0
B29771	34	112.3
B29772	39	119.4
B29773	34	117.4
B29774	34	102.2
B29775	35	115.9
n	25	25
Mean age of appearance	35	
Mean body weight		117.6
SD	2	11.1

**F 1 GENERATION
VAGINAL OPENING
(observation between day 28 and day 40 old)**

Sex: female

Dose-level: 1000 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (grams)
B29776	37	129.2
B29777	38	149.1
B29778	34	102.0
B29779	32	114.0
B29780	30	97.4
B29781	32	107.7
B29782	30	107.6
B29783	32	113.3
B29784	34	127.4
B29785	37	133.0
B29786	32	116.2
B29787	34	108.5
B29788	32	109.3
B29789	36	151.5
B29790	34	108.1
B29791	34	129.5
B29792	29	84.7
B29793	32	101.7
B29794	33	106.2
B29795	36	109.1
B29796	32	102.0
B29797	36	130.2
B29798	29	84.7
B29799	35	140.4
B29800	34	105.4
n	25	25
Mean age of appearance	33	
Mean body weight		114.7
SD	2	17.5

53. F1 generation - individual neurobehavioral tests

53.1. F1 generation - acoustic startle response

**F 1 GENERATION
ACOUSTIC STARTLE RESPONSE**

Sex: male

Dose-level: 0 mg/kg/day

Animal No.	Result
B29301	+
B29302	+
B29303	+
B29304	+
B29305	+
B29306	+
B29307	+
B29308	+
B29309	+
B29310	+
B29311	+
B29312	+
B29313	+
B29314	+
B29315	+
B29316	+
B29317	+
B29318	+
B29319	+
B29320	+
B29321	+
B29322	+
B29323	+
B29324	+
B29325	+
n	25
Total of positive responses	25
% of positive responses	100

+: positive response

**F 1 GENERATION
ACOUSTIC STARTLE RESPONSE**

Sex: male

Dose-level: 250 mg/kg/day

Animal No.	Result
B29326	+
B29327	+
B29328	+
B29329	+
B29330	+
B29331	+
B29332	+
B29333	+
B29334	+
B29335	+
B29336	+
B29337	+
B29338	+
B29339	+
B29340	+
B29341	+
B29342	+
B29343	+
B29344	+
B29345	+
B29346	+
B29347	+
B29348	+
B29349	+
B29350	+
n	25
Total of positive responses	25
% of positive responses	100

+: positive response

**F 1 GENERATION
ACOUSTIC STARTLE RESPONSE**

Sex: male

Dose-level: 500 mg/kg/day

Animal No.	Result
B29351	+
B29352	+
B29353	+
B29354	+
B29355	+
B29356	+
B29357	+
B29358	+
B29359	+
B29360	+
B29361	+
B29362	+
B29363	+
B29364	+
B29365	+
B29366	+
B29367	+
B29368	+
B29369	+
B29370	+
B29371	+
B29372	+
B29373	+
B29374	+
B29375	+
n	25
Total of positive responses	25
% of positive responses	100

+: positive response

**F 1 GENERATION
ACOUSTIC STARTLE RESPONSE**

Sex: male

Dose-level: 1000 mg/kg/day

Animal No.	Result
B29376	+
B29377	+
B29378	+
B29379	+
B29380	+
B29381	+
B29382	+
B29383	+
B29384	+
B29385	+
B29386	+
B29387	+
B29388	+
B29389	+
B29390	+
B29391	+
B29392	+
B29393	+
B29394	+
B29395	+
B29396	+
B29397	+
B29398	+
B29399	+
B29400	+
n	25
Total of positive responses	25
% of positive responses	100

+: positive response

**F 1 GENERATION
ACOUSTIC STARTLE RESPONSE**

Sex: female

Dose-level: 0 mg/kg/day

Animal No.	Result
B29701	+
B29702	+
B29703	+
B29704	+
B29705	+
B29706	+
B29707	+
B29708	+
B29709	+
B29710	+
B29711	+
B29712	+
B29713	+
B29714	+
B29715	+
B29716	+
B29717	+
B29718	+
B29719	+
B29720	+
B29721	+
B29722	+
B29723	+
B29724	+
B29725	+
n	25
Total of positive responses	25
% of positive responses	100

+: positive response

**F 1 GENERATION
ACOUSTIC STARTLE RESPONSE**

Sex: female

Dose-level: 250 mg/kg/day

Animal No.	Result
B29726	+
B29727	+
B29728	+
B29729	+
B29730	+
B29731	+
B29732	+
B29733	+
B29734	+
B29735	+
B29736	+
B29737	+
B29738	+
B29739	+
B29740	+
B29741	+
B29742	+
B29743	+
B29744	+
B29745	+
B29746	+
B29747	+
B29748	+
B29749	+
B29750	+
n	25
Total of positive responses	25
% of positive responses	100

+: positive response

**F 1 GENERATION
ACOUSTIC STARTLE RESPONSE**

Sex: female

Dose-level: 500 mg/kg/day

Animal No.	Result
B29751	+
B29752	+
B29753	+
B29754	+
B29755	+
B29756	+
B29757	+
B29758	+
B29759	+
B29760	+
B29761	+
B29762	+
B29763	+
B29764	+
B29765	+
B29766	+
B29767	+
B29768	+
B29769	+
B29770	+
B29771	+
B29772	+
B29773	+
B29774	+
B29775	+
n	25
Total of positive responses	25
% of positive responses	100

+: positive response

**F 1 GENERATION
ACOUSTIC STARTLE RESPONSE**

Sex: female

Dose-level: 1000 mg/kg/day

Animal No.	Result
B29776	+
B29777	+
B29778	+
B29779	+
B29780	+
B29781	+
B29782	+
B29783	+
B29784	+
B29785	+
B29786	+
B29787	+
B29788	+
B29789	+
B29790	+
B29791	+
B29792	+
B29793	+
B29794	+
B29795	+
B29796	+
B29797	+
B29798	+
B29799	+
B29800	+
n	25
Total of positive responses	25
% of positive responses	100

+: positive response

53.2. F1 generation - pupil constriction reflex

**F 1 GENERATION
PUPIL CONSTRICTION REFLEX**

Sex: male

Dose-level: 0 mg/kg/day

Animal No.	Result	
	Right eye	Left eye
B29301	+	+
B29302	+	+
B29303	+	+
B29304	+	+
B29305	+	+
B29306	+	+
B29307	+	+
B29308	+	+
B29309	+	+
B29310	+	+
B29311	+	+
B29312	+	+
B29313	+	+
B29314	+	+
B29315	+	+
B29316	+	+
B29317	+	+
B29318	+	+
B29319	+	+
B29320	+	+
B29321	+	+
B29322	+	+
B29323	+	+
B29324	+	+
B29325	+	+
n	25	25
Total of positive responses	25	25
% of positive responses	100	100

+: positive response

**F 1 GENERATION
PUPIL CONSTRICTION REFLEX**

Sex: male

Dose-level: 250 mg/kg/day

Animal No.	Result	
	Right eye	Left eye
B29326	+	+
B29327	+	+
B29328	+	+
B29329	+	+
B29330	+	+
B29331	+	+
B29332	+	+
B29333	+	+
B29334	+	+
B29335	+	+
B29336	+	+
B29337	+	+
B29338	+	+
B29339	+	+
B29340	+	+
B29341	+	+
B29342	+	+
B29343	+	+
B29344	+	+
B29345	+	+
B29346	+	+
B29347	+	+
B29348	+	+
B29349	+	+
B29350	+	+
n	25	25
Total of positive responses	25	25
% of positive responses	100	100

+: positive response

**F 1 GENERATION
PUPIL CONSTRICTION REFLEX**

Sex: male

Dose-level: 500 mg/kg/day

Animal No.	Result	
	Right eye	Left eye
B29351	+	+
B29352	+	+
B29353	+	+
B29354	+	+
B29355	+	+
B29356	+	+
B29357	+	+
B29358	+	+
B29359	+	+
B29360	+	+
B29361	+	+
B29362	+	+
B29363	+	+
B29364	+	+
B29365	+	+
B29366	+	+
B29367	+	+
B29368	+	+
B29369	+	+
B29370	+	+
B29371	+	+
B29372	+	+
B29373	+	+
B29374	+	+
B29375	+	+
n	25	25
Total of positive responses	25	25
% of positive responses	100	100

+: positive response

**F 1 GENERATION
PUPIL CONSTRICTION REFLEX**

Sex: male

Dose-level: 1000 mg/kg/day

Animal No.	Result	
	Right eye	Left eye
B29376	+	+
B29377	+	+
B29378	+	+
B29379	+	+
B29380	+	+
B29381	+	+
B29382	+	+
B29383	+	+
B29384	+	+
B29385	+	+
B29386	+	+
B29387	+	+
B29388	+	+
B29389	+	+
B29390	+	+
B29391	+	+
B29392	+	+
B29393	+	+
B29394	+	+
B29395	+	+
B29396	+	+
B29397	+	+
B29398	+	+
B29399	+	+
B29400	+	+
n	25	25
Total of positive responses	25	25
% of positive responses	100	100

+: positive response

**F 1 GENERATION
PUPIL CONSTRICTION REFLEX**

Sex: female

Dose-level: 0 mg/kg/day

Animal No.	Result	
	Right eye	Left eye
B29701	+	+
B29702	+	+
B29703	+	+
B29704	+	+
B29705	+	+
B29706	+	+
B29707	+	+
B29708	+	+
B29709	+	+
B29710	+	+
B29711	+	+
B29712	+	+
B29713	+	+
B29714	+	+
B29715	+	+
B29716	+	+
B29717	+	+
B29718	+	+
B29719	+	+
B29720	+	+
B29721	+	+
B29722	+	+
B29723	+	+
B29724	+	+
B29725	+	+
n	25	25
Total of positive responses	25	25
% of positive responses	100	100

+: positive response

**F 1 GENERATION
PUPIL CONSTRICTION REFLEX**

Sex: female

Dose-level: 250 mg/kg/day

Animal No.	Result	
	Right eye	Left eye
B29726	+	+
B29727	+	+
B29728	+	+
B29729	+	+
B29730	+	+
B29731	+	+
B29732	+	+
B29733	+	+
B29734	+	+
B29735	+	+
B29736	+	+
B29737	+	+
B29738	+	+
B29739	+	+
B29740	+	+
B29741	+	+
B29742	+	+
B29743	+	+
B29744	+	+
B29745	+	+
B29746	+	+
B29747	+	+
B29748	+	+
B29749	+	+
B29750	+	+
n	25	25
Total of positive responses	25	25
% of positive responses	100	100

+: positive response

**F 1 GENERATION
PUPIL CONSTRICTION REFLEX**

Sex: female

Dose-level: 500 mg/kg/day

Animal No.	Result	
	Right eye	Left eye
B29751	+	+
B29752	+	+
B29753	+	+
B29754	+	+
B29755	+	+
B29756	+	+
B29757	+	+
B29758	+	+
B29759	+	+
B29760	+	+
B29761	+	+
B29762	+	+
B29763	+	+
B29764	+	+
B29765	+	+
B29766	+	+
B29767	+	+
B29768	+	+
B29769	+	+
B29770	+	+
B29771	+	+
B29772	+	+
B29773	+	+
B29774	+	+
B29775	+	+
n	25	25
Total of positive responses	25	25
% of positive responses	100	100

+: positive response

**F 1 GENERATION
PUPIL CONSTRICTION REFLEX**

Sex: female

Dose-level: 1000 mg/kg/day

Animal No.	Result	
	Right eye	Left eye
B29776	+	+
B29777	+	+
B29778	+	+
B29779	+	+
B29780	+	+
B29781	+	+
B29782	+	+
B29783	+	+
B29784	+	+
B29785	+	+
B29786	+	+
B29787	+	+
B29788	+	+
B29789	+	+
B29790	+	+
B29791	+	+
B29792	+	+
B29793	+	+
B29794	+	+
B29795	+	+
B29796	+	+
B29797	+	+
B29798	+	+
B29799	+	+
B29800	+	+
n	25	25
Total of positive responses	25	25
% of positive responses	100	100

+: positive response

53.3. F1 generation - motor activity

**F1 GENERATION
MOTOR ACTIVITY
(First trial)**

Sex: male

Dose-level: 0 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29301	57	31	67	114
B29302	115	27	44	58
B29303	72	26	40	95
B29304	143	60	65	119
B29305	62	34	52	89
B29306	48	29	103	95
B29307	37	23	66	83
B29308	66	33	73	102
B29309	69	32	81	114
B29310	86	53	99	112
B29311	46	34	66	120
B29312	77	48	83	125
B29313	17	14	14	11
B29314	41	28	71	50
B29315	75	36	49	86
B29316	84	45	63	87
B29317	45	36	51	109
B29318	31	22	33	44
B29319	56	40	115	114
B29320	54	36	92	123
B29321	30	16	36	36
B29322	27	25	43	41
B29323	35	28	63	44
B29324	47	36	84	76
B29325	21	16	35	48
n	25	25	25	25
Mean	58	32	64	84
SD	29	11	24	33
Mean/1 min	6	3	6	8
SD/1min	3	1	2	3

**F1 GENERATION
MOTOR ACTIVITY
(First trial)**

Sex: male

Dose-level: 250 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29326	39	38	51	61
B29327	62	33	95	93
B29328	58	38	74	82
B29329	84	41	57	95
B29330	85	47	66	131
B29331	65	35	79	98
B29332	49	33	66	84
B29333	63	43	75	133
B29334	52	34	39	90
B29335	69	40	89	95
B29336	99	44	96	133
B29337	59	41	71	98
B29338	51	42	72	95
B29339	66	42	66	84
B29340	104	50	89	112
B29341	45	39	60	90
B29342	82	39	48	86
B29343	52	33	72	94
B29344	95	49	108	146
B29345	79	51	82	126
B29346	63	33	30	128
B29347	73	41	79	118
B29348	78	44	76	140
B29349	77	40	74	137
B29350	79	33	42	106
n	25	25	25	25
Mean	69	40	70	106
SD	17	5	19	22
Mean/1 min	7	4	7	11
SD/1min	2	1	2	2

**F1 GENERATION
MOTOR ACTIVITY
(First trial)**

Sex: male

Dose-level: 500 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29351	51	40	55	100
B29352	101	61	87	120
B29353	73	39	49	87
B29354	50	44	91	79
B29355	54	32	96	98
B29356	60	39	66	133
B29357	87	60	57	150
B29358	91	43	99	118
B29359	70	50	80	130
B29360	92	56	94	96
B29361	50	32	37	81
B29362	75	47	74	95
B29363	52	36	80	92
B29364	84	41	53	105
B29365	64	41	92	126
B29366	41	35	38	93
B29367	86	53	91	115
B29368	83	38	61	147
B29369	75	45	88	112
B29370	61	33	48	80
B29371	67	39	80	105
B29372	113	82	125	88
B29373	83	44	77	90
B29374	65	49	59	159
B29375	75	37	69	93
n	25	25	25	25
Mean	72	45	74	108
SD	18	11	21	23
Mean/1 min	7	4	7	11
SD/1min	2	1	2	2

**F1 GENERATION
MOTOR ACTIVITY
(First trial)**

Sex: male

Dose-level: 1000 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29376	62	48	75	95
B29377	60	32	65	76
B29378	93	57	95	108
B29379	78	50	58	103
B29380	79	51	76	136
B29381	87	48	83	96
B29382	97	45	75	113
B29383	36	39	53	126
B29384	62	45	77	120
B29385	105	61	74	116
B29386	95	39	84	131
B29387	73	53	77	101
B29388	100	52	75	101
B29389	60	50	59	118
B29390	80	40	79	115
B29391	77	55	96	111
B29392	85	69	131	93
B29393	98	51	70	104
B29394	71	35	76	95
B29395	112	69	115	140
B29396	91	37	62	101
B29397	61	45	39	98
B29398	73	43	63	111
B29399	52	27	106	81
B29400	81	43	84	39
n	25	25	25	25
Mean	79	47	78	105
SD	18	10	20	21
Mean/1 min	8	5	8	11
SD/1min	2	1	2	2

**F1 GENERATION
MOTOR ACTIVITY
(First trial)**

Sex: female

Dose-level: 0 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29701	154	76	117	187
B29702	105	58	116	140
B29703	89	34	76	125
B29704	94	53	88	115
B29705	112	55	112	101
B29706	127	52	134	143
B29707	76	39	74	119
B29708	134	72	137	141
B29709	51	30	87	75
B29710	90	42	82	109
B29711	77	41	84	115
B29712	68	41	43	69
B29713	90	43	103	109
B29714	84	42	71	97
B29715	61	37	81	121
B29716	69	52	90	138
B29717	121	60	113	111
B29718	96	37	89	101
B29719	112	46	78	128
B29720	96	30	27	94
B29721	105	47	106	107
B29722	82	33	92	78
B29723	136	48	116	125
B29724	95	53	103	161
B29725	81	34	81	144
n	25	25	25	25
Mean	96	46	92	118
SD	25	12	25	27
Mean/1 min	10	5	9	12
SD/1min	2	1	3	3

**F1 GENERATION
MOTOR ACTIVITY
(First trial)**

Sex: female

Dose-level: 250 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29726	185	77	152	135
B29727	104	64	103	165
B29728	134	73	115	126
B29729	90	64	114	192
B29730	95	49	155	141
B29731	106	50	96	134
B29732	90	60	65	158
B29733	145	64	137	161
B29734	132	69	109	147
B29735	112	59	112	138
B29736	96	50	69	119
B29737	137	59	101	132
B29738	121	55	117	101
B29739	116	73	104	144
B29740	96	42	106	101
B29741	85	50	92	110
B29742	111	50	79	136
B29743	76	70	63	128
B29744	101	53	103	158
B29745	90	46	87	115
B29746	111	68	109	149
B29747	114	61	66	134
B29748	131	51	132	123
B29749	111	54	111	132
B29750	99	58	125	150
n	25	25	25	25
Mean	112	59	105	137
SD	23	9	25	21
Mean/1 min	11	6	10	14
SD/1min	2	1	2	2

**F1 GENERATION
MOTOR ACTIVITY
(First trial)**

Sex: female

Dose-level: 500 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29751	76	71	86	248
B29752	124	74	105	170
B29753	111	61	143	155
B29754	129	60	103	148
B29755	68	35	61	105
B29756	115	52	95	150
B29757	80	57	117	115
B29758	104	48	101	97
B29759	129	56	88	131
B29760	70	44	88	113
B29761	97	47	115	140
B29762	77	52	101	130
B29763	93	59	95	115
B29764	98	40	84	119
B29765	100	51	135	104
B29766	83	44	90	147
B29767	97	56	113	159
B29768	103	49	75	103
B29769	105	31	105	119
B29770	84	54	120	98
B29771	129	48	98	121
B29772	96	58	82	159
B29773	135	76	129	116
B29774	89	54	93	146
B29775	98	61	116	133
n	25	25	25	25
Mean	100	54	102	134
SD	19	11	19	32
Mean/1 min	10	5	10	13
SD/1min	2	1	2	3

**F1 GENERATION
MOTOR ACTIVITY
(First trial)**

Sex: female

Dose-level: 1000 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29776	80	54	103	123
B29777	44	41	49	111
B29778	109	53	99	118
B29779	68	41	82	123
B29780	96	49	104	114
B29781	111	73	128	105
B29782	121	71	135	156
B29783	80	47	90	113
B29784	116	55	97	123
B29785	143	65	107	141
B29786	95	51	101	125
B29787	98	59	110	101
B29788	92	30	60	91
B29789	161	94	144	167
B29790	108	49	112	117
B29791	174	73	149	133
B29792	87	59	118	49
B29793	114	54	94	120
B29794	105	32	60	84
B29795	110	59	100	138
B29796	143	56	123	96
B29797	68	34	65	78
B29798	110	55	80	116
B29799	123	62	149	116
B29800	105	51	76	14
n	25	25	25	25
Mean	106	55	101	111
SD	29	14	28	32
Mean/1 min	11	5	10	11
SD/1min	3	1	3	3

**F1 GENERATION
MOTOR ACTIVITY
(Second trial)**

Sex: male

Dose-level: 0 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29301	40	20	41	49
B29302	51	27	76	53
B29303	52	30	90	58
B29304	7	2	5	0
B29305	39	33	50	66
B29306	81	40	61	70
B29307	48	37	89	95
B29308	68	45	87	96
B29309	85	36	87	117
B29310	44	28	62	75
B29311	49	32	63	65
B29312	66	37	36	89
B29313	54	44	54	120
B29314	56	30	54	104
B29315	62	43	83	98
B29316	74	46	57	96
B29317	79	46	88	125
B29318	57	31	53	76
B29319	90	39	72	97
B29320	82	44	81	123
B29321	92	46	80	106
B29322	86	49	68	77
B29323	103	53	79	137
B29324	89	52	93	114
B29325	83	43	66	102
n	25	25	25	25
Mean	65	37	67	88
SD	22	11	21	30
Mean/1 min	7	4	7	9
SD/1min	2	1	2	3

**F1 GENERATION
MOTOR ACTIVITY
(Second trial)**

Sex: male

Dose-level: 250 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29326	59	31	45	70
B29327	77	40	41	108
B29328	51	41	68	86
B29329	85	67	75	91
B29330	29	33	53	61
B29331	67	26	63	74
B29332	64	39	66	83
B29333	61	45	79	84
B29334	46	35	32	96
B29335	60	43	73	87
B29336	72	44	70	112
B29337	68	36	50	101
B29338	29	23	39	59
B29339	81	54	92	125
B29340	77	54	95	118
B29341	75	49	51	89
B29342	66	35	53	94
B29343	55	36	66	78
B29344	87	63	86	151
B29345	53	41	69	86
B29346	61	31	30	86
B29347	77	46	75	106
B29348	94	49	85	106
B29349	69	45	63	105
B29350	25	26	51	82
n	25	25	25	25
Mean	64	41	63	94
SD	18	11	18	20
Mean/1 min	6	4	6	9
SD/1min	2	1	2	2

**F1 GENERATION
MOTOR ACTIVITY
(Second trial)**

Sex: male

Dose-level: 500 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29351	47	39	43	59
B29352	90	43	88	126
B29353	91	38	47	129
B29354	57	35	71	96
B29355	71	29	45	87
B29356	72	40	69	103
B29357	92	52	68	93
B29358	73	48	105	109
B29359	56	41	73	82
B29360	85	63	109	100
B29361	65	39	51	80
B29362	57	41	43	77
B29363	55	24	23	67
B29364	73	35	66	82
B29365	56	31	70	68
B29366	67	38	49	87
B29367	59	33	50	83
B29368	88	58	89	84
B29369	72	39	67	111
B29370	49	50	76	95
B29371	78	51	81	92
B29372	77	50	109	131
B29373	65	31	54	70
B29374	69	42	63	111
B29375	69	34	55	98
n	25	25	25	25
Mean	69	41	67	93
SD	13	9	22	19
Mean/1 min	7	4	7	9
SD/1min	1	1	2	2

**F1 GENERATION
MOTOR ACTIVITY
(Second trial)**

Sex: male

Dose-level: 1000 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29376	73	51	69	77
B29377	68	48	64	76
B29378	81	56	65	94
B29379	93	59	83	114
B29380	86	66	106	109
B29381	72	51	89	95
B29382	56	35	44	85
B29383	67	42	63	89
B29384	77	45	87	108
B29385	102	68	111	112
B29386	38	36	57	91
B29387	67	42	77	97
B29388	87	50	89	103
B29389	43	55	66	108
B29390	58	35	69	86
B29391	45	38	84	70
B29392	41	23	63	70
B29393	60	31	45	80
B29394	77	40	53	124
B29395	91	59	103	109
B29396	56	32	47	100
B29397	44	42	48	116
B29398	47	33	69	97
B29399	71	26	63	93
B29400	50	31	48	80
n	25	25	25	25
Mean	66	44	70	95
SD	18	12	19	15
Mean/1 min	7	4	7	10
SD/1min	2	1	2	1

**F1 GENERATION
MOTOR ACTIVITY
(Second trial)**

Sex: female

Dose-level: 0 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29701	133	80	129	128
B29702	108	43	85	122
B29703	34	27	68	80
B29704	49	19	20	79
B29705	91	49	63	125
B29706	88	45	100	123
B29707	82	52	105	102
B29708	97	49	99	111
B29709	90	41	114	112
B29710	113	50	134	124
B29711	101	42	60	84
B29712	51	48	70	99
B29713	117	58	120	113
B29714	83	45	110	104
B29715	75	36	71	113
B29716	66	33	74	86
B29717	126	60	173	109
B29718	93	47	84	96
B29719	86	38	82	113
B29720	63	50	55	135
B29721	120	43	91	122
B29722	122	49	85	102
B29723	106	50	99	125
B29724	75	34	62	92
B29725	68	44	101	128
n	25	25	25	25
Mean	89	45	90	109
SD	26	12	31	16
Mean/1 min	9	5	9	11
SD/1min	3	1	3	2

**F1 GENERATION
MOTOR ACTIVITY
(Second trial)**

Sex: female

Dose-level: 250 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29726	80	61	94	129
B29727	73	49	82	105
B29728	131	53	71	100
B29729	83	50	89	118
B29730	103	55	123	117
B29731	85	45	90	111
B29732	92	45	60	94
B29733	85	52	103	103
B29734	114	61	105	138
B29735	95	59	99	136
B29736	131	48	65	96
B29737	112	53	101	106
B29738	89	47	95	100
B29739	130	65	77	113
B29740	76	41	92	102
B29741	80	41	62	111
B29742	91	48	71	133
B29743	85	61	61	104
B29744	95	33	77	122
B29745	89	42	76	91
B29746	137	61	80	105
B29747	83	45	82	149
B29748	142	71	149	183
B29749	112	54	106	143
B29750	108	68	99	137
n	25	25	25	25
Mean	100	52	88	118
SD	21	9	21	21
Mean/1 min	10	5	9	12
SD/1min	2	1	2	2

**F1 GENERATION
MOTOR ACTIVITY
(Second trial)**

Sex: female

Dose-level: 500 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29751	118	54	60	122
B29752	76	52	89	169
B29753	119	62	93	137
B29754	95	53	122	138
B29755	103	53	89	112
B29756	85	39	67	92
B29757	101	39	67	88
B29758	87	43	90	91
B29759	187	84	130	125
B29760	45	37	50	87
B29761	96	52	98	110
B29762	74	41	72	120
B29763	102	55	142	132
B29764	129	51	70	140
B29765	103	52	90	122
B29766	84	41	83	106
B29767	65	37	44	106
B29768	80	44	53	112
B29769	124	51	78	99
B29770	71	37	75	77
B29771	100	47	75	100
B29772	161	84	90	135
B29773	92	61	114	142
B29774	75	60	131	123
B29775	120	65	83	101
n	25	25	25	25
Mean	100	52	86	115
SD	30	13	26	22
Mean/1 min	10	5	9	12
SD/1min	3	1	3	2

**F1 GENERATION
MOTOR ACTIVITY
(Second trial)**

Sex: female

Dose-level: 1000 mg/kg/day

Animal No.	Movements within the front of the cage	Back and forth movements	Movements within the back of the cage	Vertical movements
B29776	74	58	101	123
B29777	71	44	52	85
B29778	127	63	110	139
B29779	102	44	76	98
B29780	113	69	87	121
B29781	111	63	95	92
B29782	127	62	121	130
B29783	72	39	95	108
B29784	121	61	99	169
B29785	121	56	109	143
B29786	99	49	106	123
B29787	126	63	111	99
B29788	76	35	55	92
B29789	106	87	138	182
B29790	89	43	80	103
B29791	157	80	149	169
B29792	161	70	117	141
B29793	89	45	62	118
B29794	102	46	93	127
B29795	105	59	119	165
B29796	127	55	84	89
B29797	73	33	42	143
B29798	104	54	94	136
B29799	115	60	115	115
B29800	117	66	120	150
n	25	25	25	25
Mean	107	56	97	126
SD	24	13	26	27
Mean/1 min	11	6	10	13
SD/1min	2	1	3	3

54. F1 generation - pairing and mating data (individual values)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F1 GENERATION

PAIRING AND MATING DATA (Individual values)

Dose: 0 mg/kg/day

Female No.	Period of pairing Male No.	Partner female status	Mating date	Number of days of pairing before mating
B29701	B29322	SP	2-OCT-03	3
B29702	B29323	SP	2-OCT-03	3
B29703	B29324	SNB	7-OCT-03	8
B29704	B29325	SP	30-SEP-03	1
B29705	B29325	SP	3-OCT-03	4
B29706	B29301	SP	2-OCT-03	3
B29707	B29302	SNB	30-SEP-03	1
B29708	B29303	SP	2-OCT-03	3
B29709	B29305	SP	30-SEP-03	1
B29710	B29306	SP	1-OCT-03	2
B29711	B29307	SP	1-OCT-03	2
B29712	B29308	SNB	1-OCT-03	2
B29713	B29309	SP	2-OCT-03	3
B29714	B29310	SP	8-OCT-03	9
B29715	B29311	SP	3-OCT-03	4
B29716	B29312	SP	3-OCT-03	4
B29717	B29313	SP	4-OCT-03	5
B29718	B29314	SP	30-SEP-03	1
B29719	B29315	SP	2-OCT-03	3
B29720		SPE		
B29721	B29317	SP	1-OCT-03	2
B29722	B29318	SP	1-OCT-03	2
B29723	B29319	SP	2-OCT-03	3
B29724	B29320	SP	2-OCT-03	3
B29725	B29321	SP	2-OCT-03	3

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate

B29705, number of days of pairing before mating: read 3 days instead of 4 days

F1 GENERATION

PAIRING AND MATING DATA (Individual values)

Dose: 250 mg/kg/day

Female No.	Period of pairing Male No.	Partner female status	Mating date	Number of days of pairing before mating
B29726	B29346	SP	3-OCT-03	4
B29727	B29347	SP	4-OCT-03	5
B29728	B29348	SP	2-OCT-03	3
B29729	B29349	SP	30-SEP-03	1
B29730	B29350	SNB	1-OCT-03	2
B29731	B29326	SP	1-OCT-03	2
B29732	B29327	SP	10-OCT-03	11
B29733	B29328	SP	1-OCT-03	2
B29734	B29329	SP	12-OCT-03	13
B29735	B29330	SP	3-OCT-03	4
B29736	B29331	SP	30-SEP-03	1
B29737	B29332	SNB	30-SEP-03	1
B29738	B29333	SEB	4-OCT-03	5
B29739	B29334	UPL	1-OCT-03	2
B29740	B29335	SP	2-OCT-03	3
B29741	B29336	SP	3-OCT-03	4
B29742	B29337	SP	30-SEP-03	1
B29743	B29338	SP	30-SEP-03	1
B29744	B29339	SP	3-OCT-03	4
B29745	B29340	SP	3-OCT-03	4
B29746		SNE		
B29747	B29342	SP	3-OCT-03	4
B29748	B29343	SP	1-OCT-03	2
B29749	B29344	SP	1-OCT-03	2
B29750	B29345	SP	2-OCT-03	3

SP=Fin sac/Pg SPB=Fin sac/Pg/No delivery SNB=Fin sac/NotPg/No delivery SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation

F1 GENERATION

PAIRING AND MATING DATA (Individual values)

Dose: 500 mg/kg/day

Female No.	Period of pairing Male No.	Partner female status	Mating date	Number of days of pairing before mating
B29751	B29371	SP	2-OCT-03	3
B29752	B29372	SP	2-OCT-03	3
B29753	B29373	SP	1-OCT-03	2
B29754	B29374	SP	3-OCT-03	4
B29755	B29375	SP	1-OCT-03	2
B29756	B29351	SP	3-OCT-03	4
B29757	B29352	SP	2-OCT-03	3
B29758	B29353	SP	2-OCT-03	3
B29759	B29354	SP	2-OCT-03	3
B29760	B29355	SP	30-SEP-03	1
B29761	B29356	SNB	3-OCT-03	4
B29762	B29357	SNB	30-SEP-03	1
B29763	B29358	SP	2-OCT-03	3
B29764	B29359	SP	2-OCT-03	3
B29765	B29360	SP	30-SEP-03	1
B29766	B29361	SP	30-SEP-03	1
B29767	B29362	SP	5-OCT-03	6
B29768	B29363	SP	2-OCT-03	3
B29769	B29364	SP	1-OCT-03	2
B29770	B29365	SP	2-OCT-03	3
B29771	B29366	SP	2-OCT-03	3
B29772	B29367	SP	30-SEP-03	1
B29773	B29368	SNB	30-SEP-03	1
B29774	B29369	SP	1-OCT-03	2
B29775	B29370	SP	1-OCT-03	2

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

F1 GENERATION

PAIRING AND MATING DATA (Individual values)

Dose: 1000 mg/kg/day

Female No.	Period of pairing Male No.	Partner female status	Mating date	Number of days of pairing before mating
B29776	B29396	SP	3-OCT-03	4
B29777		DV		
B29778	B29397	SNB	1-OCT-03	2
B29779	B29398	SP	1-OCT-03	2
B29780	B29399	SP	2-OCT-03	3
B29781	B29376	SP	2-OCT-03	3
B29782	B29377	SP	2-OCT-03	3
B29783	B29378	SP	3-OCT-03	4
B29784	B29379	SP	2-OCT-03	3
B29785	B29380	SP	1-OCT-03	2
B29786		SNE		
B29787		SPE		
B29788	B29383	SP	1-OCT-03	2
B29789	B29384	SP	2-OCT-03	3
B29790	B29385	SP	2-OCT-03	3
B29791	B29386	SP	30-SEP-03	1
B29792	B29387	SP	2-OCT-03	3
B29793	B29388	SP	30-SEP-03	1
B29794	B29389	SP	30-SEP-03	1
B29795	B29390	SP	1-OCT-03	2
B29796	B29391	SP	30-SEP-03	1
B29797	B29392	SP	1-OCT-03	2
B29798		SPE		
B29799	B29394	UPL	30-SEP-03	1
B29800	B29395	SP	3-OCT-03	4

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation DV=Dead/Before mating

55. F1 generation - estrous stages

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F1 GENERATION

ESTROUS STAGES

Dose: 0 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29701	EST	DI	DI	PRO	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	DI
B29702	EST	DI	DI	DI	EST	MET	MET	MET	EST	DI	DI	PRO	EST	MET	MET	DI	PRO	MET	MET
B29703	DI	DI	MET	EST	MET	DI	DI	MET	DI	DI	DI	DI	DI	DI	DI	DI	PRO	PRO	MET
B29704	MET	MET	PRO	EST	MET	MET	MET	MET	DI	DI	MET	DI	DI	DI	DI	PRO	PRO	DI	PRO
B29705	EST	PRO	DI	DI	DI	DI	DI	MET	DI	DI	DI	DI	DI	PRO	MET	DI	PRO	EST	MET
B29706	DI	MET	EST	EST	MET	DI	DI	MET	EST	DI	DI	PRO	EST	MET	PRO	MET	DI	DI	DI
B29707	EST	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO	PRO	MET
B29708	DI	DI	PRO	EST	MET	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO	MET	DI
B29709	DI	MET	PRO	EST	MET	MET	MET	MET	DI	DI	DI	DI	DI	DI	DI	DI	MET	DI	DI
B29710	EST	MET	DI	DI	PRO	EST	MET	MET	DI	EST	MET	MET	DI	DI	EST	MET	DI	PRO	EST
B29711	DI	MET	PRO	EST	MET	MET	PRO	EST	MET	MET	DI	EST	EST	DI	PRO	EST	MET	DI	PRO
B29712	DI	PRO	EST	MET	DI	DI	PRO	MET	MET	DI	DI	DI	DI	DI	PRO	EST	MET	DI	PRO
B29713	EST	DI	DI	PRO	EST	MET	DI	MET	MET	MET	DI	DI	DI	DI	DI	DI	PRO	PRO	DI
B29714	EST	MET	DI	PRO	EST	MET	DI	PRO	EST	MET	MET	PRO	EST	MET	DI	DI	EST	MET	DI
B29715	PRO	EST	DI	DI	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	EST	MET
B29716	EST	MET	DI	MET	EST	MET	DI	PRO	EST	MET	DI	PRO	EST	MET	DI	DI	EST	MET	DI
B29717	PRO	EST	MET	MET	MET	EST	MET	MET	EST	EST	MET	MET	DI	EST	MET	MET	DI	DI	DI
B29718	EST	EST	MET	MET	MET	DI	DI	MET	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO
B29719	EST	MET	DI	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	EST	MET	DI
B29720	PRO	EST	DI	DI	PRO	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET
B29721	DI	PRO	EST	DI	DI	DI	EST	MET	MET	PRO	EST	MET	MET	DI	EST	MET	MET	DI	EST
B29722	DI	DI	EST	DI	DI	DI	DI	MET	DI	DI	DI	DI	DI	DI	DI	DI	DI	MET	DI
B29723	PRO	EST	DI	DI	DI	DI	DI	MET	DI	DI	DI	DI	DI	DI	DI	DI	PRO	MET	DI
B29724	MET	EST	EST	MET	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO	MET	DI
B29725	MET	PRO	EST	DI	DI	DI	PRO	DI	DI	DI	DI	DI	DI	DI	DI	PRO	PRO	MET	DI

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F1 GENERATION

ESTROUS STAGES

Dose: 0 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
B29701	PRO	EST	MET	MET	PRO	EST+S											
B29702	PRO	EST	MET	DI	MET	EST+S											
B29703	PRO	PRO	EST	MET	DI	PRO	EST	MET	MET	PRO	EST+S						
B29704	MET	DI	PRO	EST+S													
B29705	DI	PRO	EST		DI	PRO	EST+S										
B29706	MET	DI	DI	DI	PRO	DI+S											
B29707	DI	DI	EST	MET+S													
B29708	PRO	EST	MET	DI	PRO	DI+S											
B29709	MET	DI	PRO	EST+S													
B29710	EST	MET	MET	DI	DI+S												
B29711	EST	MET	MET	MET	DI+S												
B29712	EST	MET	MET	PRO	EST+S												
B29713	PRO	EST	MET	DI	PRO	EST+S											
B29714	MET	PRO	MET	DI	DI	PRO	MET	DI	PRO	MET	DI	SPERM					
B29715	DI	PRO	EST	MET	MET	PRO	EST+S										
B29716	PRO	EST	MET	DI	PRO	EST	MET+S										
B29717	DI	DI	DI	DI	DI	DI	PRO	DI+S									
B29718	MET	MET	PRO	EST+S													
B29719	PRO	EST	MET	MET	PRO	EST+S											
B29720	DI	DI	EST	MET	DI	MET	DI	MET	PRO	DI	DI	DI	DI	DI	DI	DI	DI
B29721	MET	MET	MET	DI	EST+S												
B29722	PRO	MET	DI	DI	EST+S												
B29723	PRO	EST	MET	DI	PRO	EST+S											
B29724	PRO	EST	MET	DI	PRO	EST+S											
B29725	PRO	EST	MET	DI	PRO	EST+S											

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F1 GENERATION

ESTROUS STAGES

Dose: 250 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29726	MET	EST	MET	MET	MET	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET
B29727	MET	EST	EST	MET	MET	DI	EST	MET	MET	MET	EST	EST	MET	DI	DI	EST	PRO	MET	DI
B29728	EST	MET	DI	PRO	EST	MET	MET	PRO	EST	MET	MET	MET	EST	MET	DI	PRO	EST	MET	DI
B29729	DI	DI	DI	DI	DI	DI	DI	PRO	PRO	MET	MET	MET	EST	MET	DI	DI	PRO	EST	MET
B29730	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	MET	PRO	EST	DI	MET	PRO	EST	MET	DI	PRO
B29731	DI	DI	PRO	EST	MET	MET	PRO	EST	MET	MET	EST	DI	MET	MET	EST	MET	MET	DI	PRO
B29732	MET	EST	DI	DI	DI	DI	DI	MET	DI	DI	DI	DI	DI	DI	DI	PRO	MET	MET	PRO
B29733	MET	MET	PRO	EST	MET	MET	DI	EST	MET	MET	MET	EST	DI	DI	DI	EST	MET	MET	DI
B29734	DI	DI	DI	PRO	EST	MET	MET	DI	EST	EST	MET	MET	MET	EST	EST	MET	MET	DI	PRO
B29735	PRO	MET	DI	DI	PRO	EST	MET	MET	DI	EST	MET	MET	DI	EST	MET	DI	DI	EST	MET
B29736	DI	PRO	EST	MET	DI	EST	EST	MET	DI	PRO	EST	MET	DI	PRO	EST	MET	MET	DI	EST
B29737	MET	MET	EST	MET	DI	DI	EST	MET	MET	EST	MET	MET	DI	DI	EST	MET	MET	DI	EST
B29738	DI	EST	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO	MET	DI	PRO	MET
B29739	DI	DI	DI	EST	MET	DI	DI	EST	MET	MET	MET	EST	MET	DI	DI	EST	MET	DI	PRO
B29740	PRO	EST	DI	MET	MET	EST	MET	MET	DI	EST	EST	DI	DI	DI	EST	EST	MET	DI	DI
B29741	PRO	EST	MET	MET	MET	EST	MET	MET	DI	EST	MET	MET	PRO	EST	MET	MET	DI	EST	MET
B29742	DI	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	EST
B29743	DI	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	EST
B29744	PRO	MET	DI	MET	DI	DI	DI	DI	DI	EST	DI	DI	DI	DI	DI	EST	MET	PRO	MET
B29745	DI	DI	EST	EST	MET	DI	DI	EST	MET	MET	PRO	EST	MET	MET	DI	PRO	PRO	PRO	DI
B29746	MET	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	EST	MET	MET	PRO	EST
B29747	DI	PRO	EST	MET	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO	PRO	MET
B29748	DI	PRO	PRO	EST	DI	DI	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO
B29749	DI	MET	PRO	EST	MET	DI	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO
B29750	EST	MET	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO	MET	DI

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

F1 GENERATION

ESTROUS STAGES

Dose: 250 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																	
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
B29726	MET	PRO	EST	MET	DI	MET	EST+S											
B29727	PRO	EST	EST	MET	MET	PRO	EST	DI+S										
B29728	PRO	EST	MET	DI	PRO	EST+S												
B29729	DI	DI	EST	EST+S														
B29730	EST	MET	MET	MET	EST+S													
B29731	EST	MET	MET	DI	DI+S													
B29732	EST	MET	MET	DI	MET	DI	DI	MET	DI	DI	DI	DI	MET	DI+S				
B29733	EST	MET	DI	PRO	EST+S													
B29734	EST	MET	DI	DI	MET	MET	MET	DI	MET	MET	DI	DI	DI	DI	DI	DI	EST+S	
B29735	PRO	DI	EST	MET	MET	MET	EST+S											
B29736	DI	MET	DI	EST+S														
B29737	MET	DI	DI	EST+S														
B29738	DI	DI	DI	DI	DI	MET	DI	DI+S										
B29739	EST	MET	DI	PRO	EST+S													
B29740	EST	EST	MET	DI	PRO	EST+S												
B29741	MET	DI	EST	MET	MET	DI	SPERM											
B29742	MET	DI	PRO	EST+S														
B29743	MET	DI	PRO	EST+S														
B29744	DI	DI	EST	MET	MET	PRO	EST+S											
B29745	DI	DI	DI	DI	DI	DI	EST+S											
B29746	DI	PRO	DI	DI	DI	DI	DI	MET	DI	MET	DI	DI	DI	DI	DI	DI	DI	EST
B29747	DI	PRO	EST	MET	DI	PRO	EST+S											
B29748	EST	MET	DI	PRO	EST+S													
B29749	EST	MET	MET	PRO	EST+S													
B29750	PRO	EST	MET	DI	MET	EST+S												

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F1 GENERATION

ESTROUS STAGES

Dose: 500 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29751	EST	MET	DI	PRO	EST	MET	MET	PRO	EST	MET	MET	MET	EST	MET	MET	MET	EST	MET	DI
B29752	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	DI
B29753	DI	DI	DI	EST	DI	DI	DI	EST	MET	MET	DI	EST	MET	MET	DI	EST	MET	DI	DI
B29754	EST	MET	DI	DI	PRO	EST	MET	MET	DI	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET
B29755	DI	EST	PRO	MET	DI	DI	PRO	DI	MET	DI	DI	DI	DI	DI	DI	PRO	MET	DI	PRO
B29756	DI	DI	EST	EST	MET	DI	DI	PRO	EST	MET	MET	DI	PRO	EST	MET	DI	DI	PRO	PRO
B29757	EST	EST	MET	MET	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO	PRO	MET	DI
B29758	DI	PRO	EST	MET	DI	PRO	EST	DI	MET	MET	PRO	MET	MET	PRO	EST	MET	MET	DI	PRO
B29759	EST	MET	DI	MET	EST	MET	MET	PRO	EST	MET	DI	EST	EST	MET	DI	PRO	EST	MET	DI
B29760	EST	PRO	DI	MET	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO	MET	DI	PRO	EST
B29761	MET	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	MET	PRO	EST	MET
B29762	MET	PRO	EST	MET	DI	DI	PRO	MET	DI	DI	DI	DI	DI	DI	PRO	MET	DI	PRO	EST
B29763	PRO	MET	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO	EST	MET	DI	PRO	EST	MET
B29764	EST	MET	MET	MET	EST	MET	MET	PRO	EST	MET	MET	EST	EST	MET	DI	DI	EST	MET	DI
B29765	DI	DI	EST	MET	DI	DI	EST	DI	MET	DI	EST	MET	DI	DI	EST	MET	DI	DI	EST
B29766	PRO	EST	MET	MET	DI	PRO	MET	DI	DI	DI	DI	EST	DI	MET	PRO	MET	DI	PRO	EST
B29767	EST	MET	DI	DI	DI	PRO	MET	MET	MET	MET	MET	DI	PRO	MET	DI	EST	PRO	PRO	DI
B29768	DI	DI	DI	EST	MET	DI	DI	PRO	EST	MET	MET	DI	EST	MET	DI	EST	EST	MET	DI
B29769	DI	DI	DI	EST	MET	DI	DI	EST	MET	MET	PRO	EST	DI	DI	PRO	EST	MET	DI	MET
B29770	EST	PRO	MET	DI	DI	DI	PRO	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO	MET	MET
B29771	EST	DI	MET	MET	EST	MET	MET	MET	EST	MET	MET	PRO	EST	DI	DI	EST	EST	MET	MET
B29772	DI	PRO	EST	MET	DI	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	EST
B29773	DI	PRO	EST	MET	DI	DI	DI	MET	MET	DI	DI	DI	DI	DI	PRO	MET	DI	PRO	EST
B29774	MET	PRO	EST	DI	MET	DI	EST	MET	DI	MET	EST	MET	DI	PRO	EST	MET	DI	MET	PRO
B29775	MET	DI	PRO	EST	DI	DI	PRO	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

F1 GENERATION

ESTROUS STAGES

Dose: 500 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
B29751	PRO	EST	MET	MET	PRO	DI+S											
B29752	PRO	EST	MET	DI	PRO	EST+S											
B29753	EST	MET	MET	DI	DI+S												
B29754	MET	PRO	EST	MET	MET	EST	EST+S										
B29755	EST	MET	DI	PRO	DI+S												
B29756	DI	DI	DI	DI	DI	DI	MET+S										
B29757	PRO	EST	MET	MET	PRO	EST+S											
B29758	PRO	EST	MET	DI	MET	PLG+S											
B29759	PRO	EST	DI	DI	PRO	PLG+S											
B29760	MET	DI	PRO	EST+S													
B29761	MET	PRO	EST	MET	DI	PRO	EST+S										
B29762	DI	PRO	PRO	EST+S													
B29763	PRO	EST	MET	MET	PRO	EST+S											
B29764	PRO	EST	MET	MET	PRO	DI+S											
B29765	MET	DI	DI	EST+S													
B29766	MET	DI	PRO	EST+S													
B29767	DI	DI	DI	DI	PRO	MET	MET	PRO	EST+S								
B29768	PRO	EST	MET	DI	PRO	DI+S											
B29769	EST	MET	DI	PRO	EST+S												
B29770	PRO	EST	MET	DI	PRO	DI+S											
B29771	DI	EST	MET	DI	PRO	EST+S											
B29772	MET	MET	PRO	EST+S													
B29773	MET	DI	PRO	EST+S													
B29774	EST	MET	DI	PRO	EST+S												
B29775	EST	MET	MET	PRO	EST+S												

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

CIT/Study No. 24859 RSR/ETHYL TERTIARY BUTYL ETHER (ETBE)/
TOTAL France S.A.

F1 GENERATION

ESTROUS STAGES

Dose: 1000 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
B29776	EST	DI	MET	MET	EST	MET	DI	DI	PRO	EST	MET	MET	DI	EST	MET	MET	PRO	EST	MET	
B29778	EST	DI	MET	MET	DI	DI	DI	MET	DI	DI	DI	DI	DI	EST	MET	DI	PRO	EST	MET	
B29779	EST	MET	DI	DI	DI	DI	DI	MET	MET	DI	DI	DI	DI	DI	DI	DI	DI	PRO	EST	
B29780	EST	MET	DI	PRO	EST	MET	MET	MET	EST	MET	MET	MET	EST	MET	DI	DI	EST	MET	DI	
B29781	EST	DI	DI	PRO	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	MET	MET	EST	MET	DI	
B29782	MET	PRO	MET	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	DI	PRO	MET	DI
B29783	EST	PRO	MET	MET	DI	EST	EST	PRO	MET	PRO	EST	EST	MET	DI	PRO	EST	MET	DI	PRO	
B29784	EST	DI	MET	MET	EST	MET	MET	EST	EST	MET	MET	EST	EST	DI	DI	PRO	EST	MET	DI	
B29785	DI	DI	PRO	EST	MET	DI	PRO	EST	MET	MET	EST	EST	MET	MET	DI	EST	MET	DI	PRO	
B29786	EST	EST	MET	MET	MET	MET	MET	MET	DI	MET	DI	MET	DI	DI	EST	MET	DI	PRO	EST	
B29787	EST	PRO	MET	PRO	EST	MET	MET	PRO	EST	MET	MET	MET	EST	MET	DI	DI	EST	MET	DI	
B29788	DI	DI	PRO	EST	MET	MET	PRO	EST	MET	MET	EST	EST	MET	DI	PRO	EST	MET	DI	PRO	
B29789	EST	PRO	MET	MET	DI	DI	DI	MET	MET	MET	DI	PRO	EST	MET	DI	PRO	EST	MET	DI	
B29790	EST	DI	DI	MET	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	DI	
B29791	PRO	EST	MET	DI	DI	EST	EST	MET	MET	MET	EST	MET	MET	MET	EST	MET	MET	DI	EST	
B29792	EST	DI	DI	PRO	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	MET	DI	
B29793	DI	EST	MET	DI	DI	PRO	EST	MET	MET	DI	EST	MET	DI	DI	EST	MET	DI	DI	EST	
B29794	DI	PRO	EST	DI	DI	PRO	EST	DI	MET	MET	EST	MET	MET	PRO	EST	MET	DI	PRO	EST	
B29795	DI	DI	PRO	EST	MET	DI	PRO	EST	MET	MET	PRO	EST	DI	DI	PRO	EST	MET	DI	PRO	
B29796	DI	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	EST	
B29797	DI	MET	PRO	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	MET	PRO	EST	MET	DI	PRO	
B29798	DI	EST	MET	DI	DI	DI	DI	MET	DI	MET	DI	DI	DI	DI	DI	DI	PRO	MET	DI	
B29799	EST	DI	DI	MET	MET	PRO	PRO	MET	MET	PRO	MET	DI	PRO	MET	EST	MET	MET	DI	EST	
B29800	PRO	EST	MET	DI	DI	EST	MET	MET	PRO	EST	MET	MET	DI	EST	MET	DI	DI	EST	MET	

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

F1 GENERATION

ESTROUS STAGES

Dose: 1000 mg/kg/day

FEMALE#	DAY OF ESTROUS EVALUATION																
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
B29776	DI	DI	EST	MET	MET	MET	EST+S										
B29778	DI	PRO	EST	MET	DI+S												
B29779	MET	DI	DI	PRO	EST+S												
B29780	PRO	EST	MET	DI	PRO	EST+S											
B29781	PRO	EST	MET	DI	PRO	EST+S											
B29782	PRO	EST	MET	DI	PRO	EST+S											
B29783	EST	EST	MET	MET	DI	PRO	EST+S										
B29784	PRO	EST	MET	MET	PRO	EST+S											
B29785	EST	MET	DI	PRO	EST+S												
B29786	MET	DI	PRO	EST	MET	DI	MET	MET	MET	MET	DI	MET	DI	MET	DI	DI	EST
B29787	PRO	EST	MET	DI	PRO	EST	MET	DI	PRO	PRO	DI	MET	DI	DI	DI	DI	MET
B29788	EST	MET	MET	PRO	EST+S												
B29789	PRO	EST	MET	DI	PRO	DI+S											
B29790	PRO	EST	MET	MET	PRO	EST+S											
B29791	MET	DI	PRO	EST+S													
B29792	PRO	EST	MET	DI	PRO	EST+S											
B29793	DI	PRO	PRO	EST+S													
B29794	MET	MET	MET	EST+S													
B29795	EST	MET	DI	DI	EST+S												
B29796	MET	MET	PRO	EST+S													
B29797	EST	MET	MET	MET	EST+S												
B29798	PRO	EST	MET	DI	PRO	DI	MET	DI	DI	MET	DI	DI	DI	DI	DI	DI	DI
B29799	MET	MET	DI	EST+S													
B29800	DI	DI	EST	MET	DI	PRO	EST+S										

DI=DIESTRUS MET=METESTRUS PRO=PROESTRUS EST=ESTRUS +S=SPERM

56. F1 generation - pregnancy status of females (individual data)

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F1 GENERATION

PREGNANCY STATUS OF FEMALES (Individual data)

Dose: 0 mg/kg/day

ANIMAL#	DATE PREGNANT	DATE OF DEL	SCHED. SAC	ACTUAL DEATH	STATUS CODES
B29701	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29702	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29703	7-OCT-03			3-NOV-03	Fin sac/NotPg/No delivery
B29704	30-SEP-03	21-OCT-03		12-NOV-03	Fin sac/Pg
B29705	3-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29706	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29707	30-SEP-03			27-OCT-03	Fin sac/NotPg/No delivery
B29708	2-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29709	30-SEP-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29710	1-OCT-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29711	1-OCT-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29712	1-OCT-03			27-OCT-03	Fin sac/NotPg/No delivery
B29713	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29714	8-OCT-03	30-OCT-03		21-NOV-03	Fin sac/Pg
B29715	3-OCT-03	25-OCT-03		18-NOV-03	Fin sac/Pg
B29716	3-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29717	4-OCT-03	25-OCT-03		18-NOV-03	Fin sac/Pg
B29718	30-SEP-03	21-OCT-03		12-NOV-03	Fin sac/Pg
B29719	2-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29720				22-OCT-03	Fin sac/Pg/Didn't mate
B29721	1-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29722	1-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29723	2-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29724	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29725	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg

F1 GENERATION

PREGNANCY STATUS OF FEMALES (Individual data)

Dose: 250 mg/kg/day

ANIMAL#	DATE PREGNANT	DATE OF DEL	SCHED. SAC	ACTUAL DEATH	STATUS CODES
B29726	3-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29727	4-OCT-03	26-OCT-03		18-NOV-03	Fin sac/Pg
B29728	2-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29729	30-SEP-03	21-OCT-03		12-NOV-03	Fin sac/Pg
B29730	1-OCT-03			27-OCT-03	Fin sac/NotPg/No delivery
B29731	1-OCT-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29732	10-OCT-03	31-OCT-03		24-NOV-03	Fin sac/Pg
B29733	1-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29734	12-OCT-03	3-NOV-03		25-NOV-03	Fin sac/Pg
B29735	3-OCT-03	25-OCT-03		18-NOV-03	Fin sac/Pg
B29736	30-SEP-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29737	30-SEP-03			27-OCT-03	Fin sac/NotPg/No delivery
B29738	4-OCT-03			30-OCT-03	Fin sac/Pg/No delivery
B29739	1-OCT-03	22-OCT-03		27-OCT-03	Prem sac/Pg/Lactation
B29740	2-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29741	3-OCT-03	25-OCT-03		18-NOV-03	Fin sac/Pg
B29742	30-SEP-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29743	30-SEP-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29744	3-OCT-03	25-OCT-03		18-NOV-03	Fin sac/Pg
B29745	3-OCT-03	25-OCT-03		18-NOV-03	Fin sac/Pg
B29746				22-OCT-03	Fin sac/NotPg/Didn't mate
B29747	3-OCT-03	25-OCT-03		18-NOV-03	Fin sac/Pg
B29748	1-OCT-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29749	1-OCT-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29750	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg

F1 GENERATION

PREGNANCY STATUS OF FEMALES (Individual data)

Dose: 500 mg/kg/day

ANIMAL#	DATE PREGNANT	DATE OF DEL	SCHED. SAC	ACTUAL DEATH	STATUS CODES
B29751	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29752	2-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29753	1-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29754	3-OCT-03	25-OCT-03		18-NOV-03	Fin sac/Pg
B29755	1-OCT-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29756	3-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29757	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29758	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29759	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29760	30-SEP-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29761	3-OCT-03			30-OCT-03	Fin sac/NotPg/No delivery
B29762	30-SEP-03			27-OCT-03	Fin sac/NotPg/No delivery
B29763	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29764	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29765	30-SEP-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29766	30-SEP-03	21-OCT-03		12-NOV-03	Fin sac/Pg
B29767	5-OCT-03	26-OCT-03		18-NOV-03	Fin sac/Pg
B29768	2-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29769	1-OCT-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29770	2-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29771	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29772	30-SEP-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29773	30-SEP-03			27-OCT-03	Fin sac/NotPg/No delivery
B29774	1-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29775	1-OCT-03	22-OCT-03		13-NOV-03	Fin sac/Pg

F1 GENERATION

PREGNANCY STATUS OF FEMALES (Individual data)

Dose: 1000 mg/kg/day

ANIMAL#	DATE PREGNANT	DATE OF DEL	SCHED. SAC	ACTUAL DEATH	STATUS CODES
B29776	3-OCT-03	25-OCT-03		18-NOV-03	Fin sac/Pg
B29777				7-SEP-03	Dead/Before mating
B29778	1-OCT-03			27-OCT-03	Fin sac/NotPg/No delivery
B29779	1-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29780	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29781	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29782	2-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29783	3-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29784	2-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29785	1-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29786				22-OCT-03	Fin sac/NotPg/Didn't mate
B29787				22-OCT-03	Fin sac/Pg/Didn't mate
B29788	1-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29789	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29790	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29791	30-SEP-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29792	2-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg
B29793	30-SEP-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29794	30-SEP-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29795	1-OCT-03	23-OCT-03		14-NOV-03	Fin sac/Pg
B29796	30-SEP-03	21-OCT-03		12-NOV-03	Fin sac/Pg
B29797	1-OCT-03	22-OCT-03		13-NOV-03	Fin sac/Pg
B29798				22-OCT-03	Fin sac/Pg/Didn't mate
B29799	30-SEP-03	21-OCT-03		27-OCT-03	Prem sac/Pg/Lactation
B29800	3-OCT-03	24-OCT-03		17-NOV-03	Fin sac/Pg

57. F1 generation - delivery and litter data

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant
NotPg: not pregnant

F1 GENERATION
DELIVERY AND LITTER DATA

Dose: 0 mg/kg/day

FEMALE#	LITTER DELIVERED			NUMBER OF LIVE PUPS												TOTAL IMPLAN- TATIONS N	DURATION OF GESTATION (DAYS) N	
	LIVE N	DEAD N	TOTAL N	DAYS														
				1		4		4		7		14		21				
				M	F	M	F	M	F	M	F	M	F	M	F			
B29701	SP	13	0	13	7	6	7	6	4	4	4	4	4	4	4	4	14	22
B29702	SP	15	0	15	6	9	6	9	4	4	4	4	4	4	4	4	15	22
B29703	SNB																	
B29704	SP	11	0	11	5	6	5	6	4	4	4	4	4	4	4	4	14	21
B29705	SP	15	0	15	7	8	7	8	4	4	4	4	4	4	4	4	15	21
B29706	SP	14	0	14	8	4	8	4	4	4	4	4	4	4	4	4	15	22
B29707	SNB																	
B29708	SP	15	0	15	9	6	9	6	4	4	4	4	4	3	4	3	15	21
B29709	SP	15	0	15	6	9	6	9	4	4	4	4	4	4	4	4	15	22
B29710	SP	16	0	16	10	6	10	6	4	4	4	4	4	4	4	4	16	21
B29711	SP	16	0	16	10	6	10	6	4	4	4	4	4	4	4	4	16	21
B29712	SNB																	
B29713	SP	12	0	12	7	5	7	5	4	4	4	4	4	4	4	4	13	22
B29714	SP	4	0	4	2	2	2	2	2	2	2	2	2	2	2	2	4	22
B29715	SP	15	0	15	7	8	7	8	4	4	4	4	4	4	4	4	15	22
B29716	SP	17	0	17	7	10	7	10	4	4	4	4	4	4	4	4	17	21
B29717	SP	15	0	15	6	9	6	9	4	4	4	4	4	4	4	4	15	21
B29718	SP	14	0	14	7	7	7	4	4	4	4	3	4	2	4	2	14	21
B29719	SP	13	0	13	6	7	6	7	4	4	4	4	4	4	4	4	15	21
B29720	SPE																15	
B29721	SP	14	0	14	6	8	6	8	4	4	4	4	4	3	4	3	14	22
B29722	SP	14	0	14	11	3	11	3	5	3	5	3	5	3	5	3	14	22
B29723	SP	13	0	13	7	6	7	6	4	4	4	4	4	4	4	4	14	21
B29724	SP	13	0	13	5	8	5	8	4	4	4	4	4	4	4	4	13	22
B29725	SP	13	0	13	5	7	5	6	4	4	4	4	4	4	4	4	16	22
TOTAL		287	0	287	284		280		164		163		160		160		299	
MEAN		13.7	0.0	13.7	13.5		13.3		7.8		7.8		7.6		7.6		14.2	21.5
S.D.		2.6	0.0	2.6	2.7		2.8		0.9		0.9		1.0		1.0		2.5	0.5
N		21	21	21	21		21		21		21		21		21		21	21

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate

DAY 4 COLUMNS = PRE- AND POSTCULLING RESPECTIVELY

F1 GENERATION
DELIVERY AND LITTER DATA

Dose: 250 mg/kg/day

FEMALE#	LITTER DELIVERED			NUMBER OF LIVE PUPS										TOTAL IMPLAN- TATIONS N	DURATION OF GESTATION (DAYS) N		
	LIVE N	DEAD N	TOTAL N	DAYS													
				1		4		7		14		21					
				M	F	M	F	M	F	M	F	M	F	M	F		
B29726	SP	12	0	12	8	4	8	4	4	4	4	4	4	4	4	14	21
B29727	SP	12	0	12	6	6	6	6	4	4	4	4	4	4	4	14	22
B29728	SP	15	0	15	9	6	9	6	4	4	4	4	4	4	4	15	21
B29729	SP	13	0	13	7	6	7	6	4	4	4	4	4	4	4	13	21
B29730	SNB																
B29731	SP	14	0	14	7	7	7	6	4	4	4	4	4	4	4	15	21
B29732	SP	13	0	13	6	7	6	7	4	4	4	4	4	4	4	13	21
B29733	SP	13	0	13	5	8	5	8	4	4	4	4	4	4	4	13	22
B29734	SP	17	0	17	10	7	9	7	4	4	4	4	3	4	3	17	22
B29735	SP	16	0	16	6	10	6	10	4	4	4	4	4	4	4	16	22
B29736	SP	13	0	13	9	4	9	4	4	4	4	4	4	4	4	13	22
B29737	SNB																
B29738	SPB															1	
B29739	UPL	12	0	12	6	5	0	0	0	0	0	0	0	0	0	13	21
B29740	SP	12	0	12	5	7	5	7	4	4	4	4	4	4	4	13	21
B29741	SP	12	0	12	8	4	8	4	4	4	4	4	4	4	4	14	22
B29742	SP	15	0	15	4	11	4	11	4	4	4	4	4	4	4	16	22
B29743	SP	13	0	13	5	8	5	8	4	4	4	4	4	4	4	14	22
B29744	SP	15	0	15	7	8	7	8	4	4	4	4	4	4	4	15	22
B29745	SP	13	0	13	7	6	7	6	4	4	4	4	4	4	4	15	22
B29746	SNE																
B29747	SP	15	0	15	8	7	8	7	4	4	4	4	4	4	4	16	22
B29748	SP	14	0	14	7	7	7	7	4	4	4	4	4	4	4	14	21
B29749	SP	11	0	11	6	5	6	5	4	4	4	4	4	4	3	11	21
B29750	SP	18	0	18	10	8	9	8	4	4	4	4	4	4	4	18	22
TOTAL		288	0	288	287		273		160		160		159		158	302	
MEAN		13.7	0.0	13.7	13.7		13.6		8.0		8.0		7.9		7.9	14.4	21.6
S.D.		1.8	0.0	1.8	1.9		1.6		0.0		0.0		0.2		0.3	1.6	0.5
N		21	21	21	21		20		20		20		20		20	21	21

SP=Fin sac/Pg SPB=Fin sac/Pg/No delivery SNB=Fin sac/NotPg/No delivery SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation

DAY 4 COLUMNS = PRE- AND POSTCULLING RESPECTIVELY

F1 GENERATION
DELIVERY AND LITTER DATA

Dose: 500 mg/kg/day

FEMALE#		LITTER DELIVERED			NUMBER OF LIVE PUPS										TOTAL IMPLAN- TATIONS N	DURATION OF GESTATION (DAYS) N		
		LIVE N	DEAD N	TOTAL N	DAYS													
					1		4		7		14		21					
M	F	M	F	M	F	M	F	M	F	M	F	M	F					
B29751	SP	12	0	12	6	6	5	6	4	4	4	4	4	4	4	4	14	22
B29752	SP	14	0	14	5	9	5	9	4	4	4	4	4	4	4	4	14	21
B29753	SP	14	0	14	6	8	6	8	4	4	4	4	4	4	4	4	14	22
B29754	SP	14	0	14	8	6	8	6	4	4	4	4	4	4	4	4	14	22
B29755	SP	13	0	13	6	7	6	7	4	4	4	4	4	4	4	4	13	21
B29756	SP	12	0	12	8	4	8	4	4	4	4	4	4	4	4	4	12	21
B29757	SP	12	0	12	8	4	7	4	4	4	4	4	4	4	4	4	12	22
B29758	SP	13	0	13	8	5	8	5	4	4	4	4	4	4	4	4	13	22
B29759	SP	14	0	14	7	7	7	7	4	4	4	4	4	4	4	4	14	22
B29760	SP	17	0	17	12	5	11	5	4	4	4	4	4	4	4	4	17	22
B29761	SNB																	
B29762	SNB																	
B29763	SP	16	0	16	11	5	10	5	4	4	4	4	4	4	4	4	16	22
B29764	SP	16	0	16	8	8	8	8	4	4	4	4	4	4	4	4	16	22
B29765	SP	14	0	14	4	10	4	10	4	4	4	4	4	4	4	4	16	22
B29766	SP	16	0	16	9	7	8	6	4	4	4	4	4	4	4	4	16	21
B29767	SP	15	0	15	8	7	8	7	4	4	4	4	4	4	4	4	15	21
B29768	SP	9	0	9	5	4	5	4	4	4	4	4	4	4	4	4	10	21
B29769	SP	11	0	11	5	6	5	6	4	4	4	4	4	4	4	4	12	21
B29770	SP	15	0	15	9	6	7	6	4	4	4	4	4	4	4	4	17	21
B29771	SP	15	0	15	7	8	7	8	4	4	4	4	4	4	4	4	15	22
B29772	SP	14	0	14	7	7	6	7	4	4	4	4	4	4	4	4	14	22
B29773	SNB																	
B29774	SP	11	0	11	2	9	2	9	2	6	2	6	2	6	2	6	11	22
B29775	SP	14	0	14	6	8	6	8	4	4	4	4	4	4	4	4	14	21
TOTAL		301	0	301	301		292		176		176		176		176		309	
MEAN		13.7	0.0	13.7	13.7		13.3		8.0		8.0		8.0		8.0		14.0	21.6
S.D.		1.9	0.0	1.9	1.9		1.8		0.0		0.0		0.0		0.0		1.9	0.5
N		22	22	22	22		22		22		22		22		22		22	22

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery

DAY 4 COLUMNS = PRE- AND POSTCULLING RESPECTIVELY

F1 GENERATION
DELIVERY AND LITTER DATA

Dose: 1000 mg/kg/day

FEMALE#	LITTER DELIVERED			NUMBER OF LIVE PUPS												TOTAL IMPLAN- TATIONS N	DURATION OF GESTATION (DAYS) N
	LIVE N	DEAD N	TOTAL N	DAYS													
				1		4		7		14		21					
				M	F	M	F	M	F	M	F	M	F	M	F		
B29776 SP	13	0	13	4	9	4	9	4	4	4	4	4	4	4	4	13	22
B29777 DV																	
B29778 SNB																	
B29779 SP	14	0	14	8	6	7	6	4	4	4	4	4	4	4	4	15	22
B29780 SP	16	0	16	8	8	8	7	4	4	4	4	4	4	4	4	16	22
B29781 SP	16	0	16	8	8	8	8	4	4	4	4	4	4	4	4	16	22
B29782 SP	12	0	12	8	4	8	4	4	4	4	3	4	3	4	3	19	21
B29783 SP	15	0	15	6	9	6	8	4	4	4	4	4	4	4	4	15	21
B29784 SP	19	0	19	12	7	12	7	4	4	4	4	4	4	4	4	19	21
B29785 SP	14	0	14	9	5	9	5	4	4	4	4	4	4	4	4	15	22
B29786 SNE																	
B29787 SPE																16	
B29788 SP	12	0	12	8	4	8	4	4	4	4	4	4	4	4	4	15	22
B29789 SP	14	0	14	8	6	7	6	4	4	4	4	4	4	4	4	16	22
B29790 SP	14	0	14	7	7	7	7	4	4	4	4	4	4	4	4	14	22
B29791 SP	10	0	10	6	4	6	4	4	4	4	4	4	4	4	4	12	22
B29792 SP	15	0	15	8	7	8	7	4	4	4	4	4	4	4	4	15	22
B29793 SP	13	0	13	5	8	5	8	4	4	4	4	4	4	4	4	14	22
B29794 SP	15	0	15	8	7	8	7	4	4	4	4	4	4	4	4	15	22
B29795 SP	13	0	13	5	8	5	8	4	4	4	4	4	4	4	4	14	22
B29796 SP	13	0	13	8	5	8	5	4	4	4	4	4	4	4	4	15	21
B29797 SP	12	0	12	5	7	5	7	4	4	4	4	4	4	4	4	13	21
B29798 SPE																19	
B29799 UPL	16	0	16	9	7	0	0	0	0	0	0	0	0	0	0	16	21
B29800 SP	14	0	14	6	8	6	8	4	4	4	4	4	4	4	4	14	21
TOTAL	280	0	280	280		260		152		151		151		151		301	
MEAN	14.0	0.0	14.0	14.0		13.7		8.0		7.9		7.9		7.9		15.1	21.6
S.D.	1.9	0.0	1.9	1.9		1.9		0.0		0.2		0.2		0.2		1.7	0.5
N	20	20	20	20		19		19		19		19		19		20	20

SP=Fin sac/Pg SNB=Fin sac/NotPg/No delivery SPE=Fin sac/Pg/Didn't mate SNE=Fin sac/NotPg/Didn't mate
UPL=Prem sac/Pg/Lactation DV=Dead/Before mating

DAY 4 COLUMNS = PRE- AND POSTCULLING RESPECTIVELY

SPONSOR

TOTAL France S.A.
Tour Galilée
51 Esplanade du Général de Gaulle
La Défense 10
92907 Paris-la-Défense CEDEX
France

On behalf of:

CEPSA
ENI S.p.A.
Fortum Oil and Gas Oy
Lyondell Chemical Europe Inc.
Oxeno Olefinchemie GmbH
Repsol Petróleo, S.A.
TOTAL France S.A.

TEST ITEM

ETHYL TERTIARY BUTYL ETHER (ETBE)
CAS No. 637-92-3

STUDY TITLE

TWO-GENERATION STUDY
(REPRODUCTION AND FERTILITY EFFECTS)
BY ORAL ROUTE (GAVAGE) IN RATS

STUDY DIRECTOR

Wassila Gaoua

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TEST FACILITY

CIT
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LABORATORY STUDY NUMBER

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Volume 4

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34. F0 generation - number of primordial and growing follicles counted for each female, for both ovaries	886
35. Maternal origin of F1 pups/study number of F1 pups after weaning	889
36. F1 generation - clinical history (individual findings/males)	894
37. F1 generation - clinical history (individual findings/females/premating period)	913
38. F1 generation - clinical history (individual findings/females/pregnancy period)	923
39. F1 generation - clinical history (individual findings/females/lactation period)	932
40. F1 generation - body weights (individual values/grams/males)	941
41. F1 generation - body weight change (individual values/grams/males)	950
42. F1 generation - body weights (individual values/grams/females/premating period)	959
43. F1 generation - body weight change (individual values/grams/females/premating period)	964
44. F1 generation - body weights (individual values/grams/females/pregnancy period)	969
45. F1 generation - body weight change (individual values/grams/females/pregnancy period)	974
46. F1 generation - body weights (individual values/grams/females/lactation period)	979
47. F1 generation - body weight change (individual values/grams/females/lactation period)	984
48. F1 generation - food consumption (individual values/grams per day/males)	989
49. F1 generation - food consumption (individual values/grams per day/females/premating period)	994
50. F1 generation - food consumption (individual values/grams per day/females/pregnancy period)	999
51. F1 generation - food consumption (individual values/grams per day/females/lactation period)	1004
52. F1 generation - sexual development	1009
52.1. F1 generation - cleavage of the balanopreputial gland	1010
52.2. F1 generation - vaginal opening	1015
53. F1 generation - individual neurobehavioral tests	1020
53.1. F1 generation - acoustic startle response	1021
53.2. F1 generation - pupil constriction reflex	1030
53.3. F1 generation - motor activity	1039
54. F1 generation - pairing and mating data (individual values)	1056
55. F1 generation - estrous stages	1061
56. F1 generation - pregnancy status of females (individual data)	1070
57. F1 generation - delivery and litter data	1075

Volume 4	1080
APPENDICES (continued)	1092
58. F1 generation - daily litter survival	1093
59. F1 generation - pup survival (individual data/lactation period)	1102
60. F1 generation - individual clinical observations in pups	1107
61. F1 generation - litter/pup body weights (grams)	1112
62. F1 generation - anogenital distance (mm)	1133
63. F1 generation - assessment of reflex and physical development (individual data)	1158
64. F1 generation - individual pups observations	1171
65. F1 generation - seminology	1188
65.1. F1 generation - epididymal sperm motility	1189
65.2. F1 generation - epididymal sperm count	1194
65.3. F1 generation - epididymal sperm morphology	1199
65.4. F1 generation - testicular sperm head count	1204
66. F1 generation - individual organ weights	1209
Volume 5	1369
APPENDICES (continued)	1381
67. F1 generation - individual macroscopic and microscopic examinations	1382
68. F1 generation - number of primordial and growing follicles counted for each female, for both ovaries	1598
69. Maternal origin of F2 pups/study number of F2 pups after weaning	1601
70. F2 generation - clinical history (individual findings/males)	1606
71. F2 generation - clinical history (individual findings/females/premating period)	1617
72. F2 generation - body weights (individual values/grams/males)	1627
73. F2 generation - body weight change (individual values/grams/males)	1632
74. F2 generation - body weights (individual values/grams/females/premating period)	1637
75. F2 generation - body weight change (individual values/grams/females/premating period)	1642
76. F2 generation - food consumption (individual values/grams per day/males)	1647
77. F2 generation - food consumption (individual values/grams per day/females/premating period)	1652
78. F2 generation - sexual development	1657
78.1. F2 generation - cleavage of the balanopreputial gland	1658
78.2. F2 generation - vaginal opening	1663
79. F2 generation - individual necropsy observations	1668
80. Study plan and amendments	1685 to 1724

APPENDICES (continued)

58. F1 generation - daily litter survival

F1 GENERATION
DAILY LITTER SURVIVAL

Dose: 0 mg/kg/day

FEMALE#	NUMBER OF LIVE PUPS																							
	DAYS																							
	1		2		3		4		5		6		7		8		9		10		11		12	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
B29701	7	6	7	6	7	6	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29702	6	9	6	9	6	9	6	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29704	5	6	5	6	5	6	5	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29705	7	8	7	8	7	8	7	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29706	8	4	8	4	8	4	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29708	9	6	9	6	9	6	9	6	4	4	4	4	4	4	4	4	4	4	4	4	3	4	3	
B29709	6	9	6	9	6	9	6	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29710	10	6	10	6	10	6	10	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29711	10	6	10	6	10	6	10	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29713	7	5	7	5	7	5	7	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29714	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
B29715	7	8	7	8	7	8	7	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29716	7	10	7	10	7	10	7	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29717	6	9	6	9	6	9	6	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29718	7	7	7	6	7	5	7	4	4	4	3	4	3	4	2	4	2	4	2	4	2	4	2	
B29719	6	7	6	7	6	7	6	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29721	6	8	6	8	6	8	6	8	4	4	4	4	4	4	3	4	3	4	3	4	3	4	3	
B29722	11	3	11	3	11	3	11	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
B29723	7	6	7	6	7	6	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29724	5	8	5	8	5	8	5	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
B29725	5	7	5	6	5	6	5	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
TOTAL	144	140	144	138	144	137	144	136	83	81	83	80	83	80	83	78	83	78	83	78	83	77	83	77

F1 GENERATION
DAILY LITTER SURVIVAL

Dose: 250 mg/kg/day

FEMALE#	NUMBER OF LIVE PUPS																							
	DAYS																							
	1		2		3		4		5		6		7		8		9		10		11		12	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
B29726	8	4	8	4	8	4	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29727	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29728	9	6	9	6	9	6	9	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29729	7	6	7	6	7	6	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29731	7	7	7	7	7	6	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29732	6	7	6	7	6	7	6	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29733	5	8	5	8	5	8	5	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29734	10	7	10	7	10	7	9	7	4	4	4	4	4	4	4	4	3	4	3	4	3	4	3	4
B29735	6	10	6	10	6	10	6	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29736	9	4	9	4	9	4	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29739	6	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B29740	5	7	5	7	5	7	5	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29741	8	4	8	4	8	4	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29742	4	11	4	11	4	11	4	11	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29743	5	8	5	8	5	8	5	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29744	7	8	7	8	7	8	7	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29745	7	6	7	6	7	6	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29747	8	7	8	7	8	7	8	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29748	7	7	7	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29749	6	5	6	5	6	5	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B29750	10	8	10	8	10	8	9	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
TOTAL	146	141	141	137	141	135	138	135	80	80	80	80	80	80	80	80	79	80	79	80	79	80	79	80

59. F1 generation - pup survival (individual data/lactation period)

F1 GENERATION

PUP SURVIVAL (Individual data/Lactation period)

Dose: 0 mg/kg/day

FEMALE#	PUP #																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
B29701	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4										
B29702	MP22	MW24	MW24	MW24	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4	FC 4								
B29704	MP22	MP22	MW22	MW22	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4												
B29705	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4								
B29706	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	UZ 1	UZ 1									
B29708	MW22	MP22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW22	FW22	ED11	FC 4	FC 4								
B29709	MP22	MP22	MW22	MW22	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4	FC 4	FC 4								
B29710	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4							
B29711	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4							
B29713	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4											
B29714	MW22	MW22	FW22	FW22																			
B29715	MP22	MP22	MW24	MW24	MC 4	MC 4	MC 4	FP22	FP22	FW24	FW24	FC 4	FC 4	FC 4	FC 4								
B29716	MW24	MW24	MW24	MW24	MC 4	MC 4	MC 4	FW24	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4						
B29717	MP22	MP22	MW24	MW24	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4	FC 4								
B29718	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	FZ 6	FD 4	FP22	FZ 8	FP22	ED 3	ED 2									
B29719	MP22	MW22	MW22	MW22	MC 4	MC 4	FW22	FP22	FW22	FW22	FC 4	FC 4	FC 4										
B29721	MP22	MW22	MW22	MW22	MC 4	MC 4	FP22	FZ 8	FW22	FW22	FC 4	FC 4	FC 4	FC 4									
B29722	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW22	FW22										
B29723	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4										
B29724	MP22	MW24	MW24	MW24	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4										
B29725	MP22	MP22	MW24	MW24	MC 4	FD 2	FW24	FW24	FP22	FP22	FC 4	FC 4	ED 1										

SEX CODES: M-MALE F-FEMALE U-UNCERTAIN

PUP STATUS CODES: A-ALIVE D-DIED C-CULLED Z-CANNIBALIZED P-SELECTED PARENT W-SACRIFICED AFTER WEANING

F1 GENERATION

PUP SURVIVAL (Individual data/Lactation period)

Dose: 250 mg/kg/day

FEMALE#	PUP #																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
B29726	MP22	MP22	MW24	MW24	MC 4	MC 4	MC 4	FP22	FP22	FW24	FW24	MC 4											
B29727	MW23	MW23	MW23	MW23	MC 4	MC 4	FW23	FW23	FW23	FW23	FC 4	FC 4											
B29728	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	MC 4								
B29729	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4										
B29731	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FZ 3									
B29732	MW24	MW24	MW24	MW24	MC 4	MC 4	FW24	FW24	FW24	FW24	FC 4	FC 4	FC 4										
B29733	MP22	MP22	MW22	MW22	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4	FC 4										
B29734	MW22	MW22	MZ 9	MD 4	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	FW22	FW22	FW22	FW22	FC 4	FC 4	FC 4						
B29735	MP22	MP22	MW24	MW24	MC 4	MC 4	FP22	FP22	FW24	FW24	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4						
B29736	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22										
B29739	MD 2	MD 2	MD 4	MD 2	MD 2	MD 2	FD 2	FD 2	FZ 2	FD 3	FD 2	MD 1											
B29740	FC 4	MP22	MW22	MW22	MW22	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4											
B29741	MP22	MP22	MW24	MW24	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW24	FW24											
B29742	MP22	MW22	MW22	MW22	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4							
B29743	MP22	MW22	MW22	MW22	MC 4	FW22	FP22	FW22	FW22	FC 4	FC 4	FC 4	FC 4										
B29744	MP22	MP22	MW24	MW24	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4								
B29745	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4										
B29747	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4								
B29748	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4									
B29749	MP22	MW22	MW22	MW22	MC 4	FP22	FW22	FW22	FB15	MC 4	FC 4												
B29750	MP22	MP22	MW24	MZ 4	MW24	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW24	FW24	FC 4	FC 4	FC 4	FC 4					

SEX CODES: M-MALE F-FEMALE U-UNCERTAIN

PUP STATUS CODES: A-ALIVE D-DIED C-CULLED Z-CANNIBALIZED B-SACRIFICED MORIBUND P-SELECTED PARENT W-SACRIFICED AFTER WEANING

F1 GENERATION

PUP SURVIVAL (Individual data/Lactation period)

Dose: 500 mg/kg/day

FEMALE#	PUP #																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
B29751	MP22	MZ 3	MW24	MW24	MW24	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4											
B29752	MP22	MP22	MW22	MW22	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4	FC 4	FC 4									
B29753	MP22	MP22	MW22	MW22	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4	FC 4	FC 4	MC 4								
B29754	MP22	MP22	MW24	MW24	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW24	FW24	FC 4	FC 4									
B29755	MP22	MW22	MW22	MW22	MC 4	FP22	FW22	FW22	MC 4	FW22	FC 4	FC 4	FC 4										
B29756	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24											
B29757	MP22	MW24	MW24	MD 3	MW24	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24											
B29758	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4										
B29759	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4									
B29760	MP22	MW22	MZ 2	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4						
B29763	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	MC 4	MC 4	MZ 3	FP22	FW24	MC 4	FW24	FC 4	FW24							
B29764	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	MC 4	FC 4	FC 4	FC 4							
B29765	MP22	MW22	MW22	MW22	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4									
B29766	MP22	MP22	MW22	MW22	MC 4	MD 3	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FD 3							
B29767	MW23	MW23	MW23	MW23	MC 4	MC 4	FW23	FW23	FW23	MC 4	FW23	FC 4	FC 4	FC 4	MC 4								
B29768	MP22	MW22	MW22	MW22	FP22	FW22	FW22	FW22	MC 4														
B29769	MP22	MW22	MW22	MW22	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4												
B29770	MP22	MZ 2	MW22	MW22	MD 3	MW22	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4								
B29771	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4								
B29772	MP22	MW22	MW22	MD 4	MW22	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4									
B29774	MP22	MW22	FW22	FP22	FW22	FW22	FW22	FW22	FC 4	FC 4	FC 4												
B29775	MP22	MW22	MW22	MW22	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4	FC 4									

SEX CODES: M-MALE F-FEMALE U-UNCERTAIN

PUP STATUS CODES: A-ALIVE D-DIED C-CULLED Z-CANNIBALIZED P-SELECTED PARENT W-SACRIFICED AFTER WEANING

F1 GENERATION

PUP SURVIVAL (Individual data/Lactation period)

Dose: 1000 mg/kg/day

FEMALE#	PUP #																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
B29776	MP22	MP22	MW24	MW24	FP22	FP22	FW24	FW24	FC 4	FC 4	FC 4	FC 4	FC 4	FC 4									
B29779	MP22	MZ 3	MW22	MW22	MW22	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4									
B29780	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	MC 4	FP22	FW24	FW24	FD 4	FW24	FC 4	FC 4	FC 4							
B29781	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4							
B29782	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	FD 7	FP22	FW22	FW22											
B29783	MP22	MW24	MW24	MW24	MC 4	MC 4	FP22	FD 4	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4								
B29784	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4			
B29785	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22	FC 4									
B29788	MP22	MW22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	FP22	FW22	FW22	FW22											
B29789	MD 2	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4									
B29790	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4									
B29791	MP22	MP22	MW22	MW22	MC 4	MC 4	FP22	FP22	FW22	FW22													
B29792	MP22	MW24	MW24	MW24	MC 4	MC 4	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4								
B29793	MP22	MP22	MW22	MW22	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4	FC 4										
B29794	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4								
B29795	MP22	MW22	MW22	MW22	MC 4	FP22	FW22	FW22	FW22	FC 4	FC 4	FC 4	FC 4										
B29796	MP22	MP22	MW22	MW22	MC 4	MC 4	MC 4	MC 4	FP22	FP22	FW22	FW22	FC 4										
B29797	MP22	MP22	MW22	MW22	MC 4	FP22	FP22	FW22	FW22	FC 4	FC 4	FC 4											
B29799	MZ 3	MD 2	MZ 4	MZ 3	MZ 3	MD 2	MD 2	MD 2	MZ 3	FD 2	FZ 4	FD 2	FZ 4	FD 2	FZ 3	FD 3	FD 3						
B29800	MP22	MW24	MW24	MW24	MC 4	MC 4	FP22	FW24	FW24	FW24	FC 4	FC 4	FC 4	FC 4									

SEX CODES: M-MALE F-FEMALE U-UNCERTAIN

PUP STATUS CODES: A-ALIVE D-DIED C-CULLED Z-CANNIBALIZED P-SELECTED PARENT W-SACRIFICED AFTER WEANING

60. F1 generation - individual clinical observations in pups

F1 GENERATION
INDIVIDUAL CLINICAL OBSERVATIONS IN PUPS

Dose-level: 0 mg/kg/day

Female No.	Clinical observations	Pup No.	Sex	Day of lactation
B29701	Lesion on left hindlimb	13	F	From day 1 p.p.
B29702	No significant clinical observation			
B29704	No significant clinical observation			
B29705	Lesion on abdomen	15	F	From day 1 p.p.
B29706	No significant clinical observation			
B29708	Necrosis on left hindlimb	3	M	From day 12 p.p.
B29709	No significant clinical observation			
B29710	No significant clinical observation			
B29711	Necrosis on right hindlimb	14	F	From day 7 p.p.
B29713	No significant clinical observation			
B29714	No significant clinical observation			
B29715	No significant clinical observation			
B29716	Necrosis on right hindlimb	7	M	From day 4 p.p.
	Necrosis on left hindlimb	8	F	From day 4 to day 20 p.p.
	Necrosis on tail	11	F	From day 11 p.p.
	Necrosis on tail	8	F	From day 14 to day 20 p.p.
	Necrosis on tail	9	F	From day 14 p.p.
	Necrosis on tail	10	F	From day 14 to day 20 p.p.
	Dry tail	4	M	From day 14 p.p.
	Dry tail	10	F	From day 14 p.p.
	Dry tail	3	M	From day 14 p.p.
	Dry tail	2	M	From day 14 p.p.
	Dry tail	11	F	From day 14 p.p.
	Dry tail	1	M	From day 14 p.p.
	Dry tail	8	F	From day 14 p.p.
	Dry tail	9	F	From day 14 p.p.
B29717	No significant clinical observation			
B29718	Necrosis on right hindlimb	4	M	From day 7 to day 19 p.p.
B29719	Necrosis on right hindlimb	7	F	From day 7 to day 20 p.p.
B29721	Necrosis on left hindlimb	8	F	From day 7 p.p.
B29722	Cutaneous lesion on abdomen	13	F	From day 4 to day 5 p.p.
B29723	No significant clinical observation			
B29724	No significant clinical observation			
B29725	Necrosis on left hindlimb	3	M	From day 7 to day 16 p.p.
	Necrosis on left hindlimb	7	F	From day 7 to day 16 p.p.
	Necrosis on left hindlimb	8	F	From day 10 to day 23 p.p.

p.p.: *post-partum*

F1 GENERATION
INDIVIDUAL CLINICAL OBSERVATIONS IN PUPS

Dose-level: 250 mg/kg/day

Female No.	Clinical observations	Pup No.	Sex	Day of lactation
B29726	No significant clinical observation			
B29727	No significant clinical observation			
B29728	No significant clinical observation			
B29729	No significant clinical observation			
B29731	No significant clinical observation			
B29732	No significant clinical observation			
B29733	No significant clinical observation			
B29734	Emaciated appearance	3	M	From day 7 p.p.
B29735	No significant clinical observation			
B29736	No significant clinical observation			
B29739	Dead litter			
B29740	No significant clinical observation			
B29741	No significant clinical observation			
B29742	No significant clinical observation			
B29743	Necrosis on right hindlimb	2	M	From day 4 to day 13 p.p.
	Necrosis on right hindlimb	6	F	From day 7 p.p.
	Necrosis on right hindlimb	7	F	From day 7 to day 13 p.p.
	Absence of right hindlimb	2	M	From day 14 p.p.
B29744	No significant clinical observation			
B29745	No significant clinical observation			
B29747	No significant clinical observation			
B29748	No significant clinical observation			
B29749	Tremors	9	F	From day 15 p.p.
	Ataxia	9	F	From day 15 p.p.
	Body weight: 19.8 g	9	F	Day 15 p.p.
	Decision of sacrifice	9	F	Day 15 p.p.
B29750	Emaciated appearance	16	F	From day 4 p.p.
	Necrosis on right hindlimb	14	F	From day 14 p.p.

p.p.: *post-partum*

F1 GENERATION
INDIVIDUAL CLINICAL OBSERVATIONS IN PUPS

Dose-level: 500 mg/kg/day

Female No.	Clinical observations	Pup No.	Sex	Day of lactation
B29751	No significant clinical observation			
B29752	No significant clinical observation			
B29753	No significant clinical observation			
B29754	No significant clinical observation			
B29755	No significant clinical observation			
B29756	No significant clinical observation			
B29757	No significant clinical observation			
B29758	No significant clinical observation			
B29759	No significant clinical observation			
B29760	No significant clinical observation			
B29763	No significant clinical observation			
B29764	No significant clinical observation			
B29765	No significant clinical observation			
B26766	Cold to the touch	16	F	From day 1 p.p.
	Necrosis on left hindlimb	3	M	From day 7 p.p.
	Cold to the touch	13	F	On day 8 p.p.
B29767	Necrosis on right hindlimb	9	F	From day 11 p.p.
B29768	No significant clinical observation			
B29769	No significant clinical observation			
B29770	No significant clinical observation			
B29771	No significant clinical observation			
B29772	No significant clinical observation			
B29774	No significant clinical observation			
B29775	No significant clinical observation			

p.p.: *post-partum*

F1 GENERATION
INDIVIDUAL CLINICAL OBSERVATIONS IN PUPS

Dose-level: 1000 mg/kg/day

Female No.	Clinical observations	Pup No.	Sex	Day of lactation
B29776	Absence of tail (acaudia) and anal atresia	13	F	From day 1 p.p.
B29779	Necrosis on tail	10	F	From day 11 p.p.
B29780	Necrosis on tail	11	F	From day 17 to day 20 p.p.
	Necrosis on tail	2	M	From day 17 to day 20 p.p.
B29781	Necrosis on left hindlimb	3	M	From day 7 p.p.
B29782	Cold to the touch	9	F	From day 6 p.p.
B29783	No significant clinical observation			
B29784	No significant clinical observation			
B29785	No significant clinical observation			
B29788	No significant clinical observation			
B29789	No significant clinical observation			
B29790	No significant clinical observation			
B29791	No significant clinical observation			
B29792	No significant clinical observation			
B29793	No significant clinical observation			
B29794	No significant clinical observation			
B29795	No significant clinical observation			
B29796	Absence of tail (acaudia)	13	F	From day 1 p.p.
B29797	No significant clinical observation			
B29799	Dead litter			
B29800	No significant clinical observation			

p.p.: *post-partum*

61. F1 generation - litter/pup body weights (grams)

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 0 mg/kg/day

LACTATION DAY 1

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29701	7.0	6.8	6.8	7.2	7.0	7.3	7.8	6.8	6.9	7.4	6.3	7.3	6.6	7.2						
B29702	7.2	7.5	8.3	7.9	6.8	7.1	5.7	6.9	6.9	7.1	6.7	6.8	7.3	6.7	8.3	8.1				
B29703	Fin sac/NotPg/No delivery																			
B29704	7.2	7.1	7.9	7.7	6.9	7.3	6.8	7.1	7.2	7.4	7.2	6.5								
B29705	5.8	5.8	5.9	6.3	6.5	6.0	6.2	5.9	5.3	5.6	5.6	5.5	5.4	5.8	5.3	5.5				
B29706	7.5	6.8	8.0	7.6	8.4	7.9	8.0	7.4	7.7	6.3	7.3	7.2	7.2	Z	Z					
B29707	Fin sac/NotPg/No delivery																			
B29708	5.5	4.7	5.7	5.9	5.9	5.1	5.5	5.6	5.7	6.1	5.6	5.6	4.7	5.5	5.4	5.5				
B29709	7.0	7.1	6.9	7.2	7.3	6.7	7.6	6.8	6.8	6.8	7.2	7.1	6.9	7.2	6.9	7.1				
B29710	6.4	6.6	5.9	6.9	6.1	6.6	7.0	6.8	6.9	6.0	6.2	6.2	6.2	6.4	6.2	5.9	6.0			
B29711	5.7	5.8	6.4	6.2	5.6	6.7	6.9	4.9	5.1	5.6	6.0	5.9	5.4	4.9	4.9	4.6	5.5			
B29712	Fin sac/NotPg/No delivery																			
B29713	6.9	6.6	6.5	7.4	6.9	8.0	6.8	6.9	6.6	6.6	6.6	7.3	6.6							
B29714	7.6	7.8	8.4	6.8	7.3															
B29715	7.0	7.3	7.1	7.1	7.5	6.8	7.4	8.0	6.2	6.5	6.7	7.1	7.2	7.1	6.6	7.1				
B29716	6.2	6.5	5.9	6.1	6.5	6.6	5.5	6.1	6.3	6.1	5.6	6.3	6.3	6.3	6.4	6.5	5.6	6.2		
B29717	5.8	6.2	5.9	6.2	5.7	6.4	6.0	5.8	5.2	5.7	5.7	5.6	5.6	5.7	5.6	5.9				
B29718	6.4	6.7	6.6	6.9	6.2	6.5	6.7	6.9	6.3	6.1	5.9	6.5	6.0	5.9	6.9					
B29719	6.8	6.8	6.8	7.2	7.1	7.4	6.6	6.4	6.6	6.8	7.0	6.1	6.9	6.5						
B29720	Fin sac/Pg/Didn't mate																			
B29721	6.5	6.2	7.0	6.2	6.6	6.8	6.6	6.5	5.6	6.9	6.7	6.7	6.2	6.9	6.7					
B29722	7.1	7.8	7.2	7.0	7.8	7.0	7.3	7.1	6.8	7.3	7.6	6.8	6.8	6.7	6.6					
B29723	6.5	6.8	6.2	6.2	6.5	6.4	7.5	6.4	6.6	6.5	5.9	6.5	6.0	6.4						
B29724	7.3	7.3	8.0	7.6	7.3	7.5	7.3	7.1	6.7	6.9	7.5	6.6	7.1	7.9						
B29725	6.8	7.3	7.1	6.8	6.9	7.2	5.7	6.3	6.8	6.7	7.1	6.6	6.6	D						
MEAN	6.7																			
S.D.	0.6																			
N	21																			

PUP STATUS CODES: D-DIED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 250 mg/kg/day

LACTATION DAY 1

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29726	6.7	6.9	6.6	6.5	7.1	6.9	7.0	6.8	6.3	7.0	6.5	5.9	6.4							
B29727	7.4	7.4	7.5	7.3	7.8	7.7	7.4	7.4	7.1	7.3	7.1	6.8	7.6							
B29728	6.0	5.7	5.9	5.7	6.2	7.0	6.3	6.3	6.1	5.5	6.1	5.9	6.1	5.7	5.7	6.4				
B29729	5.9	6.3	6.3	6.3	4.8	6.2	6.4	5.9	6.3	5.0	6.0	6.0	5.2	5.6						
B29730	Fin sac/NotPg/No delivery																			
B29731	5.9	6.5	6.5	6.0	6.2	6.5	6.5	6.2	5.8	5.4	5.8	5.1	5.6	5.5	5.4					
B29732	5.9	6.1	6.6	6.1	5.4	5.8	5.8	5.6	5.9	5.4	5.8	6.3	6.0	6.2						
B29733	6.8	7.2	7.2	6.5	7.4	6.7	6.6	6.8	6.7	6.2	7.3	6.8	6.2	6.7						
B29734	6.4	6.4	6.6	5.8	6.5	7.2	7.0	6.7	6.1	7.0	6.9	6.4	6.1	6.1	5.7	6.7	6.4	5.3		
B29735	6.6	7.0	7.0	6.8	6.8	6.7	6.5	7.0	6.3	6.3	6.5	6.5	6.4	6.6	6.2	6.2	6.4			
B29736	7.7	8.3	7.6	7.8	7.8	7.8	7.5	8.4	7.3	7.7	7.7	7.3	7.3	7.7						
B29737	Fin sac/NotPg/No delivery																			
B29738	Fin sac/Pg/No delivery																			
B29739	5.3	5.9	5.3	5.9	6.2	4.3	5.2	5.4	5.2	4.9	5.0	5.2	D							
B29740	6.7	7.0	6.9	6.7	7.3	7.1	6.8	7.1	6.3	6.3	6.0	6.4	6.6							
B29741	7.1	7.6	7.5	7.5	7.3	7.5	7.5	6.9	6.9	7.1	6.6	6.2	6.6							
B29742	6.9	6.9	7.5	6.9	6.8	6.9	7.2	6.8	6.8	6.4	6.8	7.4	6.6	6.9	6.7	7.2				
B29743	6.5	7.6	6.3	7.0	6.9	6.2	6.0	6.8	6.4	6.7	5.7	5.9	6.7	6.7						
B29744	6.9	6.8	6.7	7.0	7.7	7.8	7.2	7.3	6.5	6.5	6.5	6.0	6.0	7.2	7.1	6.7				
B29745	7.1	7.2	7.8	7.6	7.5	7.7	6.8	6.7	6.5	7.0	7.3	7.5	7.2	6.0						
B29746	Fin sac/NotPg/Didn't mate																			
B29747	6.4	7.0	7.0	6.1	7.2	5.9	6.9	6.7	6.5	5.8	6.7	6.1	5.7	6.8	5.8	6.4				
B29748	6.4	6.3	6.6	6.6	6.7	7.2	6.2	6.2	6.1	6.0	6.2	6.2	6.1	6.6	6.6					
B29749	6.1	6.7	6.1	6.5	6.4	6.6	6.2	5.8	6.0	4.7	6.0	6.1								
B29750	6.4	6.8	6.7	7.2	5.6	7.1	7.0	6.8	7.1	5.8	5.6	6.2	6.1	6.1	6.6	6.1	5.7	5.6	6.4	
MEAN	6.5																			
S.D.	0.6																			
N	21																			

PUP STATUS CODES: D-DIED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 0 mg/kg/day

LACTATION DAY 4

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29701	9.4	10.0	9.8	9.9	9.9	10.3	10.2	9.4	9.5	10.1	6.9	10.0	8.6	7.8						
B29702	9.9	11.1	10.7	9.7	9.9	9.7	7.7	10.1	9.5	10.2	9.0	8.5	10.1	10.1	11.1	10.9				
B29703	Fin sac/NotPg/No delivery																			
B29704	9.7	9.4	10.1	10.1	9.2	9.9	9.7	9.7	9.5	9.9	9.8	9.0								
B29705	7.3	7.4	8.0	8.3	7.6	7.4	7.9	7.4	6.7	7.1	7.3	7.4	6.8	7.2	6.2	6.5				
B29706	10.9	10.5	11.3	11.3	12.3	11.4	11.0	10.4	11.0	9.5	11.2	10.2	10.9	Z	Z					
B29707	Fin sac/NotPg/No delivery																			
B29708	6.7	4.8	7.1	7.0	7.5	6.5	6.5	7.0	6.4	7.4	6.7	6.7	5.7	6.6	7.2	6.7				
B29709	9.1	8.9	9.2	9.6	8.8	8.5	10.1	8.4	8.8	8.2	9.2	9.5	9.3	9.5	9.6	9.3				
B29710	8.0	8.7	7.2	8.7	8.1	8.3	8.3	8.2	8.4	7.2	8.0	8.0	8.1	8.1	7.9	7.7	7.7			
B29711	7.8	7.0	7.8	9.3	7.7	9.8	9.9	6.7	6.8	7.7	8.5	8.5	7.2	7.4	6.9	7.1	7.0			
B29712	Fin sac/NotPg/No delivery																			
B29713	9.9	9.9	10.0	9.7	9.8	12.3	9.8	9.4	9.9	9.5	9.4	10.0	9.3							
B29714	12.6	12.9	14.1	11.4	12.0															
B29715	9.8	9.6	9.5	9.9	10.6	9.9	9.9	11.2	9.3	8.8	9.2	9.5	9.9	10.4	9.2	9.8				
B29716	7.8	8.2	7.3	8.6	8.4	8.1	7.4	8.0	7.7	7.5	6.8	7.8	7.7	8.0	8.7	8.2	6.6	7.9		
B29717	8.2	8.4	8.9	8.8	7.7	8.6	8.6	8.3	7.0	8.1	8.0	8.1	7.8	8.3	7.5	8.2				
B29718	8.9	9.6	9.9	9.9	9.0	9.1	9.0	9.6	6.7	D	9.0	7.8	8.7	D	D					
B29719	9.0	9.5	8.5	9.8	9.5	10.0	9.0	8.6	8.3	9.1	9.7	7.6	9.0	8.7						
B29720	Fin sac/Pg/Didn't mate																			
B29721	9.1	8.9	10.1	9.2	9.2	9.8	9.3	8.9	7.1	9.8	9.0	9.2	8.5	9.3	9.4					
B29722	10.4	11.2	10.9	9.8	11.1	10.3	11.5	10.8	10.4	10.6	11.0	9.2	9.7	9.5	10.3					
B29723	8.8	9.1	8.7	8.7	8.8	8.8	9.9	9.0	9.2	8.7	7.9	8.9	8.0	9.1						
B29724	10.6	10.0	11.5	11.3	11.1	10.8	10.5	10.4	10.3	10.5	10.8	9.7	10.5	11.0						
B29725	10.1	11.0	10.0	10.0	10.3	10.1	D	9.4	9.8	9.8	10.7	10.0	9.8	D						

MEAN 9.2
S.D. 1.4
N 21

PUP STATUS CODES: D-DIED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 250 mg/kg/day

LACTATION DAY 4

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29726	9.4	10.0	8.5	8.9	10.5	9.1	10.8	8.9	9.5	9.8	9.4	8.5	9.3							
B29727	10.6	10.0	10.6	10.3	10.6	11.3	10.2	11.4	10.2	10.2	10.7	9.9	11.6							
B29728	8.3	7.9	8.1	8.2	8.3	9.3	8.7	8.8	8.5	7.3	8.2	8.4	8.4	7.8	8.0	8.9				
B29729	8.1	8.7	8.9	8.7	6.5	8.2	9.0	8.2	9.0	6.6	8.5	8.0	7.3	7.1						
B29730	Fin sac/NotPg/No delivery																			
B29731	8.4	9.0	9.5	8.7	8.9	9.1	9.1	9.1	7.8	8.0	7.5	7.6	6.9	7.5	Z					
B29732	7.9	8.6	8.8	7.8	6.8	8.1	7.8	7.3	7.7	7.7	8.1	8.0	8.1	8.2						
B29733	8.9	9.4	9.2	8.7	10.2	8.8	8.5	8.7	8.8	8.3	9.3	8.7	7.9	9.0						
B29734	7.0	7.5	7.1	5.0	D	7.4	8.0	6.8	6.9	7.5	7.4	7.2	7.3	6.8	5.6	7.8	7.0	6.3		
B29735	9.1	9.8	9.9	9.0	9.8	9.5	9.0	10.1	7.9	9.0	9.0	9.5	8.8	8.7	9.4	7.5	9.0			
B29736	10.8	11.2	9.6	10.9	10.0	11.3	9.6	12.1	10.3	11.7	11.4	9.8	10.7	11.3						
B29737	Fin sac/NotPg/No delivery																			
B29738	Fin sac/Pg/No delivery																			
B29739	Prem sac/Pg/Lactation																			
B29740	8.6	9.1	8.7	8.7	9.3	8.6	8.9	8.8	8.3	7.9	7.5	8.7	8.3							
B29741	9.9	10.2	10.2	10.1	10.1	10.3	10.2	10.0	9.9	9.9	9.5	8.7	9.9							
B29742	9.7	9.4	10.6	8.5	9.8	9.9	10.2	9.6	9.2	9.6	9.4	10.7	9.8	9.4	9.0	9.7				
B29743	8.5	10.6	6.3	9.0	9.3	7.5	8.3	9.2	9.1	9.3	7.1	7.3	8.4	9.5						
B29744	10.1	10.6	10.2	10.8	11.3	11.2	10.9	10.7	10.1	10.4	9.4	9.2	7.5	10.2	9.7	9.6				
B29745	9.9	10.0	10.0	10.6	10.5	11.1	9.6	8.9	9.6	9.4	10.4	10.1	10.3	8.7						
B29746	Fin sac/NotPg/Didn't mate																			
B29747	9.7	10.2	10.7	9.8	10.9	9.1	9.7	10.5	9.5	8.6	9.7	9.2	9.0	10.2	8.8	9.4				
B29748	9.0	8.6	9.8	8.7	9.1	9.4	9.0	9.1	8.7	8.3	8.9	8.7	8.6	9.2	9.3					
B29749	9.0	10.6	8.6	9.3	9.8	9.6	9.5	8.3	8.7	6.2	9.1	9.7								
B29750	8.4	8.9	9.3	9.7	Z	9.1	9.9	9.5	9.0	7.7	7.3	8.2	8.8	8.4	8.1	8.0	6.4	6.4	8.7	
MEAN	9.1																			
S.D.	1.0																			
N	20																			

PUP STATUS CODES: D-DIED Z-CANNIBALIZED

F1 GENERATION
LITTER/PUP BODY WEIGHTS (grams)

Dose: 500 mg/kg/day

LACTATION DAY 4

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29751	10.0	10.8	Z	9.2	10.8	11.5	8.8	9.3	9.7	10.4	10.2	9.6	9.7							
B29752	8.7	9.3	9.0	9.2	8.7	9.2	7.6	8.5	8.9	8.7	8.8	9.0	6.7	9.1	8.5					
B29753	9.3	10.3	7.1	9.8	9.5	10.6	9.3	8.8	8.7	9.4	9.9	9.5	8.5	9.1	10.2					
B29754	9.5	9.5	9.5	10.2	9.5	9.7	9.2	8.8	9.7	9.4	9.4	9.5	9.0	9.6	10.1					
B29755	7.8	8.7	8.0	8.9	7.3	8.0	8.2	7.2	8.0	7.1	7.6	7.0	7.2	8.0						
B29756	8.9	9.7	9.1	9.5	9.0	8.6	9.4	8.2	9.1	8.4	7.9	8.9	8.6							
B29757	10.5	11.2	9.5	10.0	D	10.9	11.5	10.7	10.5	9.9	10.5	10.2	10.5							
B29758	10.8	11.3	10.6	11.0	11.1	10.3	10.7	11.2	10.5	11.0	11.1	10.6	10.7	9.9						
B29759	9.0	8.7	10.2	9.8	8.9	8.8	9.8	9.4	8.0	9.2	9.0	8.8	9.2	9.2	7.3					
B29760	8.6	9.7	9.4	Z	9.0	8.8	9.2	9.0	7.6	8.6	7.8	7.6	8.8	8.1	8.6	8.7	8.1	8.6		
B29761	Fin sac/NotPg/No delivery																			
B29762	Fin sac/NotPg/No delivery																			
B29763	9.9	9.2	10.7	10.7	11.2	10.2	9.4	11.2	9.5	10.5	Z	11.1	10.1	8.5	8.3	7.8	9.8			
B29764	9.0	9.4	9.6	9.6	8.9	7.8	9.4	9.3	9.5	8.7	9.3	9.7	8.8	9.2	7.3	9.8	7.9			
B29765	8.8	8.0	9.5	8.7	8.0	8.6	8.9	9.0	8.8	9.8	8.2	8.3	9.3	8.8	9.5					
B29766	7.4	7.2	8.5	6.8	6.4	6.5	D	8.1	8.2	7.5	7.6	7.1	7.8	6.4	7.8	7.1	D			
B29767	7.6	7.4	7.6	7.8	7.3	7.4	8.0	6.5	8.2	6.4	7.4	7.9	8.1	7.9	7.4	8.5				
B29768	9.8	9.7	10.0	9.9	10.6	9.9	9.3	10.0	9.0	10.0										
B29769	9.4	9.9	9.0	9.4	10.4	9.5	9.6	9.6	8.8	9.6	8.8	8.8								
B29770	7.5	7.8	Z	7.9	6.4	D	7.6	7.9	6.8	7.3	6.6	8.2	7.3	7.0	7.9	8.4				
B29771	9.1	9.2	9.8	8.6	8.9	10.1	7.8	9.0	10.0	9.4	9.5	9.3	7.8	8.5	9.3	8.9				
B29772	9.5	9.9	9.0	10.0	D	10.3	9.8	8.8	9.0	9.9	8.8	9.3	9.6	9.2	9.5					
B29773	Fin sac/NotPg/No delivery																			
B29774	9.8	9.7	10.8	9.2	9.7	10.2	8.6	10.2	9.1	10.7	9.7	9.8								
B29775	8.1	8.8	8.2	9.1	9.0	7.9	7.8	7.3	8.0	7.7	7.9	8.7	8.2	7.3	8.0					
MEAN	9.0																			
S.D.	0.9																			
N	22																			

PUP STATUS CODES: D-DIED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 1000 mg/kg/day

LACTATION DAY 4

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29776	9.7	10.7	9.3	10.3	9.5	9.5	9.5	10.1	10.5	9.3	9.9	9.4	10.2	7.5						
B29777	Dead/Before mating																			
B29778	Fin sac/NotPg/No delivery																			
B29779	10.0	9.4	Z	10.5	10.1	10.2	10.9	10.4	10.8	9.5	8.8	9.9	9.4	9.5	10.5					
B29780	9.3	9.1	9.6	9.6	8.7	9.8	9.9	9.4	10.1	9.0	9.5	10.1	D	7.5	8.6	9.1	9.4			
B29781	7.9	7.8	7.0	8.5	8.8	8.2	9.3	8.2	9.1	7.4	7.5	8.8	7.0	7.2	6.4	6.6	8.3			
B29782	6.0	7.3	5.8	6.5	6.6	5.2	6.8	3.9	6.5	5.0	5.8	6.0	6.0							
B29783	7.7	7.2	8.0	8.4	7.7	8.8	8.0	7.6	D	7.8	6.0	7.9	7.7	7.4	7.5	7.6				
B29784	6.5	8.0	7.0	7.5	7.5	6.3	6.6	6.4	6.9	6.7	5.4	5.9	6.2	6.9	6.1	6.4	6.9	4.2	7.2	6.3
B29785	10.1	11.0	9.5	10.5	10.0	10.2	11.0	10.7	10.0	9.9	10.1	10.3	10.1	8.7	9.8					
B29786	Fin sac/NotPg/Didn't mate																			
B29787	Fin sac/Pg/Didn't mate																			
B29788	9.5	9.6	11.2	9.7	8.4	10.5	8.7	9.9	8.9	8.6	9.7	9.7	9.7							
B29789	11.0	D	10.3	11.5	11.9	10.4	11.7	11.3	11.6	11.3	11.3	12.7	8.7	10.3	10.3					
B29790	9.2	9.5	9.3	9.8	9.3	10.3	9.7	9.4	8.3	9.5	7.7	8.3	9.0	9.0	10.3					
B29791	11.2	11.0	12.0	11.4	11.4	11.0	10.8	11.6	10.9	11.0	11.0									
B29792	8.0	6.7	8.8	8.5	9.1	9.3	8.9	8.0	8.0	8.2	8.0	7.7	6.8	7.3	7.7	7.0				
B29793	10.3	10.7	11.0	10.9	10.7	11.7	10.1	10.2	9.8	10.2	9.6	9.1	9.3	10.1						
B29794	8.0	7.8	7.7	7.9	8.1	8.4	8.8	8.9	8.5	7.6	7.7	7.8	7.1	8.0	8.0	7.3				
B29795	8.8	9.8	9.3	8.2	8.7	9.5	9.2	8.7	8.6	8.1	9.0	7.9	8.5	9.2						
B29796	9.9	10.8	10.8	9.6	9.8	10.6	10.4	9.6	10.0	9.5	9.2	9.2	10.1	8.5						
B29797	9.4	9.2	10.3	8.8	10.4	9.8	9.5	9.1	9.2	8.8	9.4	9.3	9.3							
B29798	Fin sac/Pg/Didn't mate																			
B29799	Prem sac/Pg/Lactation																			
B29800	7.7	8.5	8.1	8.0	7.7	7.5	8.4	7.5	7.3	8.2	7.6	8.0	5.6	7.9	7.7					
MEAN	9.0																			
S.D.	1.4																			
N	19																			

PUP STATUS CODES: D-DIED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 0 mg/kg/day

LACTATION DAY 7

FEMALE#	MEAN	PUP#																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
B29701	15.0	15.8	15.2	15.4	16.2	C	C	C	14.9	16.0	10.2	16.1	C	C								
B29702	16.4	17.9	17.2	15.4	16.1	C	C	17.0	15.8	16.8	14.6	C	C	C	C	C						
B29703	Fin sac/NotPg/No delivery																					
B29704	16.6	16.1	17.2	16.9	15.7	C	17.2	16.3	16.8	16.6	C	C										
B29705	12.1	11.6	13.3	13.9	12.6	C	C	C	10.5	11.2	12.4	11.5	C	C	C	C						
B29706	16.8	15.8	18.0	16.8	18.7	C	C	C	C	14.6	17.3	16.1	16.8	Z	Z							
B29707	Fin sac/NotPg/No delivery																					
B29708	10.8	7.7	12.0	12.1	12.6	C	C	C	C	C	11.8	12.0	9.1	8.7	C	C						
B29709	15.0	15.4	16.1	16.4	15.1	C	C	13.6	14.8	13.4	15.3	C	C	C	C	C						
B29710	15.4	16.0	14.1	16.7	15.3	C	C	C	C	C	C	15.2	15.7	15.3	14.9	C	C					
B29711	13.2	12.4	13.4	14.7	13.2	C	C	C	C	C	C	14.7	12.8	12.7	11.9	C	C					
B29712	Fin sac/NotPg/No delivery																					
B29713	15.1	15.6	13.7	14.4	15.0	C	C	C	15.8	14.9	15.1	16.1	C									
B29714	21.0	21.7	22.7	20.2	19.4																	
B29715	15.2	14.8	15.0	16.3	16.2	C	C	C	14.9	13.8	15.3	15.6	C	C	C	C						
B29716	13.0	14.4	12.0	14.9	13.3	C	C	C	12.6	12.0	11.5	13.0	C	C	C	C	C	C				
B29717	13.2	13.9	13.9	14.4	11.7	C	C	13.3	11.4	13.9	12.9	C	C	C	C	C						
B29718	13.8	15.2	15.0	16.1	15.2	C	C	C	Z	D	15.0	7.5	12.7	D	D							
B29719	15.6	16.4	15.4	16.5	16.3	C	C	14.5	14.4	15.8	15.2	C	C	C								
B29720	Fin sac/Pg/Didn't mate																					
B29721	14.1	14.5	16.6	14.2	14.8	C	C	14.8	6.8	15.5	15.3	C	C	C	C							
B29722	17.3	18.8	18.1	16.5	18.5	17.7	C	C	C	C	C	C	16.6	14.9	16.9							
B29723	14.9	14.8	14.7	15.1	15.1	C	C	C	14.8	15.3	13.9	15.1	C	C								
B29724	18.2	17.3	18.9	18.8	18.6	C	18.4	18.1	18.1	17.5	C	C	C	C								
B29725	15.9	17.3	15.0	16.3	15.7	C	D	14.5	15.5	15.6	17.6	C	C	D								

MEAN 15.2
S.D. 2.2
N 21

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 250 mg/kg/day

LACTATION DAY 7

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29726	13.8	14.9	13.5	13.2	16.0	C	C	C	13.6	12.7	13.7	13.0	C							
B29727	16.7	16.7	17.6	17.0	18.1	C	C	16.5	15.4	16.0	16.3	C	C							
B29728	14.3	14.3	14.1	14.5	14.7	C	C	C	C	13.4	14.5	14.4	14.2	C	C	C				
B29729	13.7	15.2	15.8	15.0	10.9	C	C	C	15.0	10.9	14.3	12.8	C	C						
B29730	Fin sac/NotPg/No delivery																			
B29731	14.9	15.6	16.5	15.3	17.0	C	C	C	13.2	13.9	13.8	14.0	C	C	Z					
B29732	13.7	15.5	15.4	13.9	11.4	C	C	12.5	13.5	13.7	13.8	C	C	C						
B29733	15.3	16.4	15.3	15.3	17.6	C	14.8	14.2	13.9	14.7	C	C	C	C						
B29734	11.1	12.5	11.3	6.9	D	12.8	C	C	C	C	C	12.3	12.3	11.3	9.2	C	C	C		
B29735	16.4	17.3	17.4	15.8	17.0	C	C	17.8	14.4	15.8	15.9	C	C	C	C	C	C			
B29736	17.7	18.8	16.7	18.0	17.8	C	C	C	C	C	18.1	16.0	17.5	18.6						
B29737	Fin sac/NotPg/No delivery																			
B29738	Fin sac/Pg/No delivery																			
B29739	Prem sac/Pg/Lactation																			
B29740	13.6	C	14.4	13.8	15.2	13.4	C	14.3	13.2	12.0	12.1	C	C							
B29741	15.0	15.8	15.5	14.6	16.1	C	C	C	C	14.8	15.1	13.1	15.1							
B29742	16.3	16.7	16.6	14.8	16.6	16.5	17.4	16.1	15.3	C	C	C	C	C	C					
B29743	14.1	17.2	9.1	13.3	16.1	C	13.0	15.5	13.9	14.8	C	C	C	C						
B29744	17.6	18.3	16.8	18.9	19.4	C	C	C	17.6	17.7	16.5	15.7	C	C	C	C	C			
B29745	15.6	15.7	15.5	15.5	16.3	C	C	C	15.4	14.5	15.5	16.0	C	C						
B29746	Fin sac/NotPg/Didn't mate																			
B29747	15.7	16.8	16.9	15.9	17.2	C	C	C	C	14.0	15.8	14.8	14.5	C	C	C				
B29748	15.4	15.2	16.7	14.8	16.8	C	C	C	15.1	14.3	15.0	15.0	C	C	C					
B29749	15.5	18.7	15.3	16.3	17.3	C	16.7	14.2	15.5	10.2	C	C								
B29750	15.9	15.6	16.7	17.6	Z	15.8	C	C	C	C	C	15.5	15.5	15.1	15.1	C	C	C	C	
MEAN	15.1																			
S.D.	1.6																			
N	20																			

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 500 mg/kg/day

LACTATION DAY 7

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29751	13.3	14.5	Z	11.6	14.2	14.2	C	11.9	13.3	13.4	13.5	C	C							
B29752	15.1	16.0	15.4	15.8	15.3	C	13.3	14.6	14.8	15.3	C	C	C	C	C					
B29753	14.9	16.7	11.2	16.1	16.3	C	15.8	14.5	13.8	15.0	C	C	C	C	C					
B29754	15.2	14.5	15.7	15.7	15.1	C	C	C	C	14.7	15.6	15.5	14.8	C	C					
B29755	13.3	14.4	14.0	15.0	11.8	C	13.3	11.7	13.7	C	12.5	C	C	C						
B29756	13.4	14.6	13.6	13.9	13.5	C	C	C	C	12.6	12.3	13.9	12.9							
B29757	17.2	18.2	15.9	16.9	D	17.7	C	C	C	16.2	17.7	16.9	18.0							
B29758	16.8	17.7	15.7	17.0	17.0	C	C	C	C	16.9	17.1	16.5	16.3	C						
B29759	14.8	13.8	17.5	16.1	14.2	C	C	C	13.0	14.1	15.2	14.3	C	C	C					
B29760	14.8	17.2	16.2	Z	15.7	14.4	C	C	C	C	C	C	C	12.5	14.2	14.8	13.7	C		
B29761	Fin sac/NotPg/No delivery																			
B29762	Fin sac/NotPg/No delivery																			
B29763	16.7	16.2	18.3	17.5	17.8	C	C	C	C	C	Z	18.1	16.3	C	13.4	C	15.8			
B29764	15.9	15.6	16.5	16.1	15.2	C	C	C	15.9	15.5	15.9	16.6	C	C	C	C	C			
B29765	15.3	13.3	17.0	15.3	14.3	15.9	15.7	14.9	15.7	C	C	C	C	C	C					
B29766	11.6	9.9	14.3	11.4	10.1	C	D	C	C	C	12.4	11.7	13.5	9.1	C	C	D			
B29767	12.5	11.3	12.3	13.7	13.5	C	C	11.3	13.8	10.7	C	13.4	C	C	C	C				
B29768	14.7	14.1	14.6	15.4	15.6	14.5	14.6	14.9	14.0	C										
B29769	15.1	15.9	14.0	15.2	16.4	C	15.2	15.0	13.7	15.3	C	C								
B29770	11.2	12.2	Z	11.5	9.4	D	11.9	C	C	C	10.1	13.1	11.2	10.2	C	C				
B29771	15.6	15.7	17.3	14.9	14.2	C	C	C	16.5	13.4	17.4	15.3	C	C	C	C				
B29772	15.9	16.8	14.5	17.3	D	17.0	C	C	15.2	16.5	14.2	15.7	C	C	C					
B29773	Fin sac/NotPg/No delivery																			
B29774	14.9	15.1	16.5	13.8	15.0	15.9	13.0	15.4	14.4	C	C	C								
B29775	14.2	15.1	12.9	15.8	16.1	C	C	13.0	14.0	13.6	13.1	C	C	C	C					
MEAN	14.6																			
S.D.	1.6																			
N	22																			

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 1000 mg/kg/day

LACTATION DAY 7

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29776	15.8	16.9	15.0	16.0	15.3	15.2	15.2	15.7	17.5	C	C	C	C	C						
B29777	Dead/Before mating																			
B29778	Fin sac/NotPg/No delivery																			
B29779	15.6	15.1	Z	17.1	15.9	15.8	C	C	C	15.3	14.5	15.9	15.0	C	C					
B29780	15.1	14.6	15.4	16.4	15.7	C	C	C	C	14.5	15.5	16.7	D	12.2	C	C	C			
B29781	13.0	13.3	12.1	12.9	14.5	C	C	C	C	11.9	12.8	14.1	12.0	C	C	C	C			
B29782	9.1	10.0	8.5	9.6	9.6	C	C	C	C	D	8.3	8.9	8.7							
B29783	13.1	11.8	14.7	14.3	14.3	C	C	13.2	D	13.1	10.0	13.2	C	C	C					
B29784	11.7	13.3	13.1	12.9	12.8	C	C	C	C	C	C	C	C	10.9	9.7	10.2	11.0	C	C	C
B29785	16.5	18.7	15.5	16.8	17.6	C	C	C	C	C	16.6	16.6	16.0	14.2	C					
B29786	Fin sac/NotPg/Didn't mate																			
B29787	Fin sac/Pg/Didn't mate																			
B29788	15.2	16.0	17.2	15.9	12.6	C	C	C	C	13.6	15.1	15.0	16.0							
B29789	17.8	D	17.2	18.2	17.3	17.2	C	C	C	18.6	18.7	20.8	14.5	C	C					
B29790	15.1	16.5	15.4	16.9	15.2	C	C	C	12.9	17.1	12.5	14.4	C	C	C					
B29791	17.3	16.3	18.2	18.1	17.5	C	C	17.7	17.4	16.2	17.3									
B29792	12.0	10.4	14.2	12.2	13.5	C	C	C	C	10.6	12.1	11.3	11.3	C	C	C				
B29793	16.3	16.3	16.8	16.6	16.5	C	15.8	16.5	15.7	15.8	C	C	C	C						
B29794	13.1	13.5	12.9	13.7	13.0	C	C	C	C	13.0	13.6	13.4	11.6	C	C	C				
B29795	14.7	15.5	15.9	14.2	14.6	C	15.5	14.7	14.0	13.2	C	C	C	C						
B29796	17.1	18.7	18.9	15.7	17.3	C	C	C	C	15.0	16.5	16.1	18.2	C						
B29797	15.7	15.4	16.6	14.4	17.3	C	16.0	15.5	15.5	15.0	C	C	C							
B29798	Fin sac/Pg/Didn't mate																			
B29799	Prem sac/Pg/Lactation																			
B29800	13.8	14.8	14.3	13.8	13.6	C	C	13.5	12.9	14.3	13.2	C	C	C	C					
MEAN	14.6																			
S.D.	2.2																			
N	19																			

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 0 mg/kg/day

LACTATION DAY 14

FEMALE#	MEAN	PUP#																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
B29701	30.2	32.9	31.6	31.0	31.0	C	C	C	29.8	31.6	22.7	31.2	C	C								
B29702	31.9	33.2	33.0	30.5	31.8	C	C	32.5	31.3	32.6	30.0	C	C	C	C	C						
B29703	Fin sac/NotPg/No delivery																					
B29704	34.1	33.9	35.3	32.3	33.2	C	34.9	33.8	34.2	34.9	C	C										
B29705	26.4	24.3	28.2	29.7	26.1	C	C	C	25.1	25.0	26.2	26.5	C	C	C	C						
B29706	34.7	33.1	37.2	34.7	37.8	C	C	C	C	30.7	34.7	34.6	34.7	Z	Z							
B29707	Fin sac/NotPg/No delivery																					
B29708	25.4	17.6	27.6	26.1	27.8	C	C	C	C	C	26.5	28.2	23.7	D	C	C						
B29709	29.4	30.9	30.8	32.1	29.4	C	C	27.5	29.0	26.3	28.9	C	C	C	C	C						
B29710	33.0	34.0	30.6	34.2	32.3	C	C	C	C	C	C	32.0	34.7	33.5	32.8	C	C					
B29711	28.4	25.8	29.5	32.2	29.2	C	C	C	C	C	C	29.1	27.5	28.3	25.9	C	C					
B29712	Fin sac/NotPg/No delivery																					
B29713	31.0	31.9	30.6	30.3	31.1	C	C	C	31.9	30.7	29.7	32.2	C									
B29714	44.8	45.6	47.8	43.7	42.0																	
B29715	33.1	32.6	33.5	34.3	34.5	C	C	C	32.3	31.6	32.2	33.6	C	C	C	C						
B29716	27.2	28.3	26.8	31.3	27.4	C	C	C	25.6	27.2	25.2	25.5	C	C	C	C	C	C				
B29717	28.9	29.9	29.1	30.5	27.3	C	C	29.8	26.3	29.0	29.4	C	C	C	C	C						
B29718	32.7	33.1	33.5	33.2	32.8	C	C	C	Z	D	33.8	Z	30.0	D	D							
B29719	33.6	35.2	31.9	35.0	34.6	C	C	31.8	31.6	35.2	33.5	C	C	C								
B29720	Fin sac/Pg/Didn't mate																					
B29721	32.1	30.0	34.6	29.7	29.7	C	C	33.7	Z	34.1	33.0	C	C	C	C	C						
B29722	35.7	37.8	36.8	36.5	36.8	36.0	C	C	C	C	C	C	34.7	31.9	34.9							
B29723	29.0	28.3	29.3	29.8	28.8	C	C	C	28.9	30.5	27.9	28.4	C	C								
B29724	36.5	36.2	37.3	38.7	38.1	C	35.3	34.8	36.7	35.3	C	C	C	C								
B29725	33.3	34.2	31.7	34.0	33.7	C	D	31.4	32.7	33.9	35.0	C	C	D								

MEAN 32.0
S.D. 4.2
N 21

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 250 mg/kg/day

LACTATION DAY 14

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29726	31.7	33.2	30.3	31.1	35.0	C	C	C	31.5	29.2	33.2	30.0	C							
B29727	32.8	33.3	33.3	33.8	34.4	C	C	33.1	30.6	32.2	32.0	C	C							
B29728	30.6	30.6	30.9	32.3	31.6	C	C	C	C	29.4	29.5	30.2	30.5	C	C	C				
B29729	29.6	31.0	31.6	32.3	25.4	C	C	C	31.6	25.2	31.0	28.5	C	C						
B29730	Fin sac/NotPg/No delivery																			
B29731	32.8	32.8	35.2	33.0	35.8	C	C	C	30.2	32.1	32.1	31.5	C	C	Z					
B29732	29.6	33.9	31.5	30.1	25.8	C	C	28.1	28.9	30.0	28.5	C	C	C						
B29733	31.5	33.7	31.3	30.4	34.2	C	30.9	30.9	28.6	31.6	C	C	C	C						
B29734	30.8	31.6	29.9	Z	D	33.2	C	C	C	C	C	31.7	31.6	30.8	26.9	C	C	C		
B29735	35.8	36.3	37.8	35.6	36.4	C	C	37.3	33.3	35.1	34.5	C	C	C	C	C	C			
B29736	36.9	39.5	36.3	38.3	38.3	C	C	C	C	C	37.1	32.0	36.9	36.8						
B29737	Fin sac/NotPg/No delivery																			
B29738	Fin sac/Pg/No delivery																			
B29739	Prem sac/Pg/Lactation																			
B29740	29.5	C	31.2	28.6	31.6	28.6	C	31.1	28.9	27.4	28.9	C	C							
B29741	30.4	30.9	31.3	30.1	30.7	C	C	C	C	30.2	29.8	29.0	31.1							
B29742	32.8	33.8	34.8	27.9	32.8	32.5	35.9	32.7	32.3	C	C	C	C	C	C					
B29743	31.9	35.3	22.5	29.2	36.6	C	31.3	37.2	31.4	32.1	C	C	C	C						
B29744	35.5	35.2	34.8	37.5	38.0	C	C	C	35.2	35.1	35.2	33.2	C	C	C	C	C			
B29745	31.9	32.0	32.3	32.0	32.5	C	C	C	32.4	32.0	30.6	31.4	C	C						
B29746	Fin sac/NotPg/Didn't mate																			
B29747	33.8	35.2	35.7	34.1	36.5	C	C	C	C	31.1	34.2	32.8	30.5	C	C	C				
B29748	31.2	30.8	33.1	30.3	33.4	C	C	C	31.6	29.8	30.4	30.3	C	C	C					
B29749	33.8	40.0	32.3	36.1	37.3	C	36.7	31.6	35.0	21.3	C	C								
B29750	33.2	33.7	34.5	35.7	Z	31.4	C	C	C	C	C	33.9	31.4	32.5	32.1	C	C	C	C	
MEAN	32.3																			
S.D.	2.1																			
N	20																			

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 500 mg/kg/day

LACTATION DAY 14

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29751	29.9	32.0	Z	27.6	32.2	29.8	C	27.8	30.3	29.3	30.5	C	C							
B29752	30.6	31.9	32.5	32.0	30.7	C	29.3	30.9	27.9	29.6	C	C	C	C	C					
B29753	31.7	35.5	24.0	34.0	33.6	C	34.1	29.7	31.0	31.6	C	C	C	C	C					
B29754	31.6	30.0	32.5	31.6	31.7	C	C	C	C	29.5	32.6	33.1	31.7	C	C					
B29755	28.0	28.5	28.6	29.9	26.0	C	29.2	26.1	29.2	C	26.6	C	C	C						
B29756	27.2	27.9	28.3	27.8	27.5	C	C	C	C	25.8	25.1	27.9	27.5							
B29757	35.1	37.2	33.1	33.8	D	35.7	C	C	C	33.9	36.0	34.8	36.4							
B29758	36.3	37.6	35.0	37.3	37.0	C	C	C	C	36.9	35.5	35.4	35.5	C						
B29759	31.2	30.8	35.4	32.5	30.6	C	C	C	29.3	30.6	31.3	29.4	C	C	C					
B29760	31.2	34.3	33.9	Z	32.1	31.2	C	C	C	C	C	C	C	29.0	29.7	31.0	28.6	C		
B29761	Fin sac/NotPg/No delivery																			
B29762	Fin sac/NotPg/No delivery																			
B29763	36.6	36.0	39.2	35.4	38.3	C	C	C	C	C	Z	38.9	36.6	C	32.8	C	35.7			
B29764	35.5	35.8	36.4	34.2	35.6	C	C	C	36.4	34.9	34.3	36.5	C	C	C	C	C			
B29765	31.9	27.8	35.2	30.6	31.3	32.4	33.2	31.3	33.3	C	C	C	C	C	C					
B29766	25.6	23.3	25.8	24.3	24.3	C	D	C	C	C	28.3	27.3	31.0	20.9	C	C	D			
B29767	28.4	26.0	27.7	29.3	30.4	C	C	27.4	30.8	25.3	C	30.2	C	C	C	C				
B29768	29.3	29.1	30.0	30.6	29.4	28.3	29.0	28.8	29.1	C										
B29769	30.9	33.3	28.9	30.4	32.5	C	31.0	30.1	29.3	31.4	C	C								
B29770	27.7	29.7	Z	28.2	24.8	D	28.3	C	C	C	26.4	30.8	27.9	25.2	C	C				
B29771	32.3	31.9	35.0	30.3	30.2	C	C	C	33.7	29.1	34.7	33.8	C	C	C	C				
B29772	31.5	31.9	29.8	32.0	D	32.8	C	C	31.8	32.3	29.8	31.4	C	C	C					
B29773	Fin sac/NotPg/No delivery																			
B29774	30.1	30.9	31.4	30.1	30.2	31.0	28.0	30.3	29.2	C	C	C								
B29775	31.3	31.8	30.1	32.4	33.2	C	C	29.8	31.5	30.9	30.3	C	C	C	C					

MEAN 31.1
S.D. 2.9
N 22

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 1000 mg/kg/day

LACTATION DAY 14

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29776	30.9	32.9	29.5	30.5	29.7	31.2	29.3	30.1	33.7	C	C	C	C	C						
B29777	Dead/Before mating																			
B29778	Fin sac/NotPg/No delivery																			
B29779	32.6	32.6	Z	35.9	32.0	32.8	C	C	C	31.6	30.5	33.1	32.1	C	C					
B29780	33.3	33.1	33.2	34.0	35.2	C	C	C	C	33.5	32.4	35.6	D	29.0	C	C	C			
B29781	30.6	29.0	30.8	28.3	32.8	C	C	C	C	29.4	30.9	32.1	31.1	C	C	C	C			
B29782	25.5	25.7	25.4	26.5	25.5	C	C	C	C	D	25.1	24.3	26.3							
B29783	30.8	30.1	31.8	34.3	31.9	C	C	31.3	D	30.7	24.9	31.0	C	C	C					
B29784	28.9	32.6	30.8	30.0	32.0	C	C	C	C	C	C	C	C	26.9	26.1	25.0	27.7	C	C	C
B29785	34.7	38.0	34.3	35.3	35.4	C	C	C	C	C	33.5	35.3	34.1	31.4	C					
B29786	Fin sac/NotPg/Didn't mate																			
B29787	Fin sac/Pg/Didn't mate																			
B29788	31.1	33.0	33.6	31.9	28.3	C	C	C	C	28.5	30.8	30.9	31.6							
B29789	34.6	D	34.0	35.9	34.8	32.9	C	C	C	34.2	36.1	38.1	31.1	C	C					
B29790	31.5	33.1	32.6	33.2	31.5	C	C	C	27.7	35.1	28.3	30.6	C	C	C					
B29791	34.4	33.4	37.0	35.1	35.9	C	C	34.4	34.2	31.1	34.3									
B29792	28.8	25.5	33.2	30.6	31.5	C	C	C	C	25.5	27.0	28.2	29.2	C	C	C				
B29793	31.8	31.8	31.9	33.4	32.2	C	30.9	32.7	29.4	31.9	C	C	C	C						
B29794	28.6	30.0	28.7	29.1	29.4	C	C	C	C	28.2	28.8	29.4	25.5	C	C	C				
B29795	29.7	32.0	31.8	30.1	29.4	C	30.2	29.3	27.9	26.8	C	C	C	C						
B29796	35.5	38.1	38.3	33.9	36.0	C	C	C	C	32.7	33.9	34.0	36.7	C						
B29797	30.9	31.7	31.5	28.3	32.3	C	31.5	32.0	29.6	30.1	C	C	C							
B29798	Fin sac/Pg/Didn't mate																			
B29799	Prem sac/Pg/Lactation																			
B29800	30.8	32.7	32.4	29.9	30.6	C	C	31.1	29.1	31.8	28.8	C	C	C	C					
MEAN	31.3																			
S.D.	2.5																			
N	19																			

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 0 mg/kg/day

LACTATION DAY 21

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29701	47.5	51.8	50.5	48.4	50.5	C	C	C	46.3	47.6	34.9	49.9	C	C						
B29702	50.1	54.9	53.9	46.3	47.8	C	C	49.6	49.9	51.3	47.2	C	C	C	C					
B29703	Fin sac/NotPg/No delivery																			
B29704	51.6	48.5	53.5	48.6	52.5	C	52.8	51.0	52.3	53.9	C	C								
B29705	41.4	39.6	44.0	45.7	41.2	C	C	C	38.7	39.1	42.0	40.5	C	C	C	C				
B29706	54.4	52.5	57.6	55.3	56.8	C	C	C	C	49.5	55.9	53.7	54.2	Z	Z					
B29707	Fin sac/NotPg/No delivery																			
B29708	39.0	29.1	42.0	40.5	42.4	C	C	C	C	C	40.9	40.4	38.0	D	C	C				
B29709	51.7	51.7	53.2	57.7	53.2	C	C	48.3	51.0	48.7	50.1	C	C	C	C	C				
B29710	51.2	49.6	47.7	55.5	51.9	C	C	C	C	C	C	49.9	53.4	50.9	50.8	C	C			
B29711	44.6	42.4	47.0	50.7	44.6	C	C	C	C	C	C	45.4	42.4	44.1	39.8	C	C			
B29712	Fin sac/NotPg/No delivery																			
B29713	48.6	51.4	48.0	47.4	50.0	C	C	C	48.8	47.9	46.1	49.4	C							
B29714	69.3	71.1	73.3	67.3	65.4															
B29715	54.0	53.9	53.8	56.9	59.3	C	C	C	53.1	49.1	50.9	54.7	C	C	C	C				
B29716	44.1	45.2	41.3	47.8	43.0	C	C	C	41.9	47.1	45.4	41.2	C	C	C	C	C	C	C	C
B29717	44.5	48.2	42.5	46.1	41.7	C	C	46.8	39.6	46.0	44.7	C	C	C	C	C				
B29718	48.9	49.9	47.8	51.9	48.4	C	C	C	Z	D	49.4	Z	46.0	D	D					
B29719	53.9	55.7	51.6	55.5	55.4	C	C	51.7	50.6	57.5	52.8	C	C	C						
B29720	Fin sac/Pg/Didn't mate																			
B29721	51.2	47.9	58.3	45.9	48.9	C	C	53.1	Z	54.1	50.5	C	C	C	C					
B29722	57.7	60.3	60.3	58.2	60.8	59.7	C	C	C	C	C	C	54.4	51.7	56.4					
B29723	47.3	48.2	46.6	49.4	46.6	C	C	C	47.6	48.9	44.3	46.5	C	C						
B29724	59.6	60.9	61.3	61.1	60.6	C	60.1	56.8	58.4	57.6	C	C	C	C						
B29725	52.0	52.3	49.8	55.3	52.7	C	D	48.3	50.1	53.2	54.1	C	C	D						

MEAN 50.6
S.D. 6.7
N 21

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 250 mg/kg/day

LACTATION DAY 21

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29726	47.8	52.2	46.3	46.1	53.7	C	C	C	47.1	43.4	50.4	42.9	C							
B29727	49.7	49.9	51.8	49.8	52.5	C	C	48.9	45.3	49.5	49.6	C	C							
B29728	49.6	49.1	49.8	52.7	50.5	C	C	C	C	47.0	50.2	48.2	49.5	C	C	C				
B29729	45.8	48.3	49.1	48.6	40.5	C	C	C	48.1	40.7	47.3	43.4	C	C						
B29730	Fin sac/NotPg/No delivery																			
B29731	52.8	52.9	56.7	53.8	57.4	C	C	C	48.2	50.5	52.4	50.5	C	C	Z					
B29732	44.5	50.0	47.4	44.5	38.7	C	C	41.0	44.8	44.9	44.9	C	C	C						
B29733	49.4	52.6	51.0	48.5	52.6	C	47.4	48.0	46.9	48.4	C	C	C	C						
B29734	51.0	53.1	49.6	Z	D	54.0	C	C	C	C	C	53.7	50.7	51.4	44.3	C	C	C		
B29735	58.0	58.3	62.5	60.1	58.9	C	C	60.9	52.0	55.8	55.7	C	C	C	C	C	C			
B29736	59.3	64.9	59.4	60.9	62.5	C	C	C	C	C	57.4	51.9	60.0	57.8						
B29737	Fin sac/NotPg/No delivery																			
B29738	Fin sac/Pg/No delivery																			
B29739	Prem sac/Pg/Lactation																			
B29740	45.3	C	47.9	43.3	48.1	43.9	C	48.2	45.0	42.3	44.0	C	C							
B29741	48.8	48.1	50.3	48.8	49.3	C	C	C	C	48.9	49.8	44.7	50.5							
B29742	52.9	55.7	55.9	46.4	51.5	51.1	56.8	54.0	52.0	C	C	C	C	C	C	C				
B29743	51.0	54.7	36.8	47.0	56.9	C	51.9	61.1	49.8	49.5	C	C	C	C						
B29744	54.8	56.0	52.6	57.6	59.8	C	C	C	55.8	55.3	53.2	48.1	C	C	C	C				
B29745	50.9	52.6	54.6	50.1	50.2	C	C	C	49.6	48.9	48.2	53.2	C	C						
B29746	Fin sac/NotPg/Didn't mate																			
B29747	53.6	55.0	56.5	55.4	57.4	C	C	C	C	48.8	55.3	50.6	49.5	C	C	C				
B29748	48.3	47.2	50.9	46.7	51.7	C	C	C	48.4	47.1	47.5	46.6	C	C	C					
B29749	54.4	60.5	47.6	55.1	58.6	C	55.1	49.2	54.7	B	C	C								
B29750	52.7	54.0	54.2	56.3	Z	50.9	C	C	C	C	C	53.2	51.2	52.8	49.1	C	C	C	C	
MEAN	51.0																			
S.D.	3.9																			
N	20																			

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED B-SACRIFICED MORIBUND

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 500 mg/kg/day

LACTATION DAY 21

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29751	49.2	51.5	Z	45.3	54.7	50.3	C	45.3	51.0	47.1	48.7	C	C							
B29752	48.3	52.0	50.5	49.0	47.7	C	45.8	48.7	44.7	48.1	C	C	C	C						
B29753	54.2	59.4	42.1	58.0	59.5	C	58.1	50.7	53.7	51.8	C	C	C	C	C					
B29754	52.5	51.0	54.5	51.5	52.3	C	C	C	C	49.7	54.5	55.1	51.8	C	C					
B29755	40.5	42.3	40.5	42.1	38.1	C	41.5	38.9	41.0	C	39.6	C	C	C						
B29756	41.6	43.3	42.8	44.7	41.7	C	C	C	C	38.7	40.1	40.7	40.7							
B29757	55.8	58.7	51.6	52.8	D	58.8	C	C	C	52.1	59.0	56.3	56.8							
B29758	60.6	64.2	59.5	61.1	60.2	C	C	C	C	60.2	59.8	61.1	59.0	C						
B29759	49.8	49.5	56.4	51.1	49.0	C	C	C	46.1	46.9	53.3	46.2	C	C	C					
B29760	51.6	57.8	55.9	Z	54.2	52.2	C	C	C	C	C	C	C	46.4	48.6	49.9	47.5	C		
B29761	Fin sac/NotPg/No delivery																			
B29762	Fin sac/NotPg/No delivery																			
B29763	59.5	59.2	63.5	60.7	64.4	C	C	C	C	C	Z	62.8	55.0	C	52.2	C	58.1			
B29764	57.2	57.5	60.4	55.2	57.0	C	C	C	57.3	55.5	55.1	59.7	C	C	C	C	C			
B29765	50.4	45.4	53.8	48.3	48.3	52.0	53.3	49.2	52.8	C	C	C	C	C	C					
B29766	43.7	38.1	51.3	41.3	41.4	C	D	C	C	C	47.4	44.9	49.9	35.1	C	C	D			
B29767	43.9	40.3	42.7	45.8	48.2	C	C	43.6	46.9	40.0	C	44.0	C	C	C	C				
B29768	48.3	47.1	48.8	48.6	49.7	48.0	48.5	47.7	48.1	C										
B29769	45.4	48.6	42.9	44.4	48.3	C	43.3	44.3	44.0	47.7	C	C								
B29770	42.5	44.1	Z	42.9	40.3	D	43.8	C	C	C	40.7	47.7	42.2	38.2	C	C				
B29771	51.6	52.2	54.2	49.2	49.2	C	C	C	53.2	49.4	53.1	52.6	C	C	C	C				
B29772	49.6	48.6	46.9	52.7	D	53.3	C	C	48.9	50.5	46.1	50.1	C	C	C					
B29773	Fin sac/NotPg/No delivery																			
B29774	48.1	48.1	51.1	47.5	48.6	50.9	43.0	48.0	47.7	C	C	C								
B29775	47.5	46.2	46.5	48.1	52.9	C	C	44.6	47.6	46.8	47.2	C	C	C	C					

MEAN 49.6
S.D. 5.5
N 22

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

F1 GENERATION

LITTER/PUP BODY WEIGHTS (grams)

Dose: 1000 mg/kg/day

LACTATION DAY 21

FEMALE#	MEAN	PUP#																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B29776	49.5	53.8	45.4	49.9	48.9	49.1	46.0	48.1	55.0	C	C	C	C	C						
B29777	Dead/Before mating																			
B29778	Fin sac/NotPg/No delivery																			
B29779	52.8	50.5	Z	55.6	53.7	54.5	C	C	C	50.5	49.8	54.5	53.0	C	C					
B29780	54.7	53.7	55.7	56.5	58.9	C	C	C	C	54.1	54.7	57.0	D	46.8	C	C	C			
B29781	48.9	49.8	46.4	46.5	52.5	C	C	C	C	47.7	47.5	49.8	51.3	C	C	C	C			
B29782	44.0	44.5	45.0	45.7	43.1	C	C	C	C	D	44.9	40.0	45.1							
B29783	50.3	48.1	52.3	54.4	52.2	C	C	51.6	D	50.3	43.2	50.2	C	C	C					
B29784	46.9	52.3	50.1	47.2	52.3	C	C	C	C	C	C	C	C	44.8	43.0	41.3	44.4	C	C	C
B29785	55.6	60.4	52.4	56.4	56.7	C	C	C	C	C	53.8	56.6	56.7	51.4	C					
B29786	Fin sac/NotPg/Didn't mate																			
B29787	Fin sac/Pg/Didn't mate																			
B29788	51.9	53.2	56.2	52.9	46.0	C	C	C	C	52.2	52.5	47.4	55.0							
B29789	54.6	D	54.4	56.3	51.3	51.9	C	C	C	53.4	57.9	61.0	50.7	C	C					
B29790	50.5	51.9	51.9	52.7	49.4	C	C	C	44.5	56.2	46.4	51.2	C	C	C					
B29791	53.9	52.2	58.5	55.1	56.9	C	C	53.1	53.2	51.3	51.1									
B29792	44.5	38.4	49.5	47.8	49.0	C	C	C	C	41.6	42.6	42.5	44.2	C	C	C				
B29793	52.7	52.3	52.5	56.5	53.9	C	51.8	54.2	47.5	53.2	C	C	C	C						
B29794	44.9	49.9	46.5	45.1	44.8	C	C	C	C	42.0	45.2	45.9	39.6	C	C	C				
B29795	47.1	51.5	50.1	46.9	46.7	C	46.7	46.5	44.2	43.9	C	C	C	C						
B29796	54.0	57.8	57.1	53.0	53.1	C	C	C	C	50.9	51.9	51.8	56.0	C						
B29797	47.6	49.0	50.4	43.7	49.5	C	47.0	49.8	45.6	46.0	C	C	C							
B29798	Fin sac/Pg/Didn't mate																			
B29799	Prem sac/Pg/Lactation																			
B29800	48.6	51.2	49.5	46.8	49.1	C	C	50.1	45.3	51.3	45.3	C	C	C	C					

MEAN 50.2
S.D. 3.7
N 19

PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED

62. F1 generation - anogenital distance (mm)

F1 GENERATION
Anogenital distance (mm)

Sex: male
Dose: 0 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29701	4.14	3.73	4.70	3.34	4.65	4.14	4.26	4.14											
B29702	4.28	3.94	3.71	4.36	4.05	4.73	4.90												
B29703	Fin sac/NotPg/No delivery																		
B29704	4.81	4.47	4.34	5.40	4.47	5.35													
B29705	4.15	4.70	4.00	3.76	4.16	3.53	4.10	4.77											
B29706	4.38	4.84	4.32	4.11	3.84	4.94	4.76	4.31	3.90										
B29707	Fin sac/NotPg/No delivery																		
B29708	4.29	3.75	3.91	4.12	4.62	4.24	4.30	4.53	4.23	4.90									
B29709	4.98	4.65	5.03	5.68	4.78	5.27	4.46												
B29710	4.56	4.32	4.20	4.19	4.29	4.88	5.34	4.63	4.20	4.82	4.76								
B29711	4.42	4.85	4.88	3.95	4.19	4.68	4.44	4.27	4.13	4.37	4.48								
B29712	Fin sac/NotPg/No delivery																		
B29713	4.38	4.34	4.43	3.85	4.77	4.60	4.54	4.11											
B29714	5.75	5.25	6.25																
B29715	4.51	4.07	4.66	4.31	4.82	4.76	4.00	4.92											
B29716	4.53	4.70	4.19	4.76	4.78	4.17	4.23	4.87											
B29717	4.14	3.81	3.87	3.83	4.72	4.58	4.00												
B29718	5.05	5.38	4.75	5.38	4.59	5.00	5.22	5.05											
B29719	4.73	4.65	4.83	4.85	4.70	4.42	4.93												
B29720	Fin sac/NotPg/No delivery																		
B29721	4.28	3.42	5.02	4.61	4.31	4.16	4.14												
B29722	5.01	5.22	4.64	4.80	4.90	5.03	4.27	4.46	6.22	4.79	5.30	5.48							
B29723	4.81	4.75	4.82	5.46	4.60	4.28	5.33	4.42											
B29724	4.40	4.27	4.19	4.59	4.03	4.91													
B29725	4.33	4.27	4.13	4.04	4.84	4.36													
Mean	4.57																		
SD	0.39																		

F1 GENERATION
Anogenital distance/Pup weight (mm/g)

Sex: male
 Dose: 0 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29701	0.58	0.55	0.69	0.46	0.66	0.57	0.55	0.61											
B29702	0.61	0.53	0.45	0.55	0.60	0.67	0.86												
B29703	Fin sac/NotPg/No delivery																		
B29704	0.65	0.63	0.55	0.70	0.65	0.73													
B29705	0.68	0.81	0.68	0.60	0.64	0.59	0.66	0.81											
B29706	0.57	0.71	0.54	0.54	0.46	0.63	0.60	0.58	0.51										
B29707	Fin sac/NotPg/No delivery																		
B29708	0.77	0.80	0.69	0.70	0.78	0.83	0.78	0.81	0.74	0.80									
B29709	0.70	0.65	0.73	0.79	0.65	0.79	0.59												
B29710	0.70	0.65	0.71	0.61	0.70	0.74	0.76	0.68	0.61	0.80	0.77								
B29711	0.75	0.84	0.76	0.64	0.75	0.70	0.64	0.87	0.81	0.78	0.75								
B29712	Fin sac/NotPg/No delivery																		
B29713	0.63	0.66	0.68	0.52	0.69	0.58	0.67	0.60											
B29714	0.71	0.67	0.74																
B29715	0.62	0.56	0.66	0.61	0.64	0.70	0.54	0.62											
B29716	0.74	0.72	0.71	0.78	0.74	0.63	0.77	0.80											
B29717	0.68	0.61	0.66	0.62	0.83	0.72	0.67												
B29718	0.76	0.80	0.72	0.78	0.74	0.77	0.78	0.73											
B29719	0.68	0.68	0.71	0.67	0.66	0.60	0.75												
B29720	Fin sac/NotPg/No delivery																		
B29721	0.65	0.55	0.72	0.74	0.65	0.61	0.63												
B29722	0.69	0.67	0.64	0.69	0.63	0.72	0.58	0.63	0.91	0.66	0.70	0.81							
B29723	0.73	0.70	0.78	0.88	0.71	0.67	0.71	0.69											
B29724	0.58	0.58	0.52	0.60	0.55	0.65													
B29725	0.61	0.58	0.58	0.59	0.70	0.61													
Mean	0.67																		
SD	0.06																		

F1 GENERATION
Anogenital distance to the cube root of body weight

Sex: male
 Dose: 0 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29701	2.15	1.97	2.48	1.73	2.43	2.13	2.15	2.19											
B29702	2.23	2.01	1.83	2.19	2.14	2.46	2.74												
B29703	Fin sac/NotPg/No delivery																		
B29704	2.47	2.33	2.18	2.73	2.35	2.76													
B29705	2.27	2.62	2.21	2.04	2.23	1.94	2.23	2.64											
B29706	2.22	2.55	2.16	2.09	1.89	2.48	2.38	2.21	1.98										
B29707	Fin sac/NotPg/No delivery																		
B29708	2.42	2.24	2.19	2.28	2.56	2.46	2.44	2.55	2.37	2.68									
B29709	2.59	2.42	2.64	2.94	2.46	2.80	2.27												
B29710	2.45	2.30	2.32	2.20	2.35	2.60	2.79	2.44	2.21	2.65	2.59								
B29711	2.45	2.70	2.63	2.15	2.36	2.48	2.33	2.51	2.40	2.46	2.47								
B29712	Fin sac/NotPg/No delivery																		
B29713	2.29	2.31	2.37	1.98	2.51	2.30	2.40	2.16											
B29714	2.86	2.65	3.07																
B29715	2.32	2.10	2.42	2.24	2.46	2.51	2.05	2.46											
B29716	2.47	2.52	2.32	2.61	2.56	2.22	2.40	2.67											
B29717	2.27	2.07	2.14	2.08	2.64	2.47	2.20												
B29718	2.69	2.85	2.53	2.83	2.50	2.68	2.77	2.65											
B29719	2.48	2.45	2.55	2.51	2.45	2.27	2.63												
B29720	Fin sac/NotPg/No delivery																		
B29721	2.28	1.86	2.62	2.51	2.30	2.20	2.21												
B29722	2.59	2.63	2.40	2.51	2.47	2.63	2.15	2.32	3.28	2.47	2.70	2.89							
B29723	2.57	2.51	2.62	2.97	2.46	2.31	2.72	2.38											
B29724	2.25	2.20	2.10	2.33	2.08	2.53													
B29725	2.26	2.20	2.15	2.13	2.54	2.26													
Mean	2.41																		
SD	0.18																		

F1 GENERATION
Anogenital distance/Pup weight (mm/g)

Sex: female
Dose: 0 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29701	0.38							0.37	0.40	0.42	0.37	0.39	0.30						
B29702	0.33						0.35	0.33	0.42	0.38	0.30	0.30	0.34	0.27	0.26				
B29703	Fin sac/NotPg/No delivery																		
B29704	0.53				0.54	0.53	0.55	0.53	0.49	0.55									
B29705	0.48							0.52	0.47	0.46	0.53	0.44	0.48	0.51	0.44				
B29706	0.41							0.42	0.42	0.39	0.41								
B29707	Fin sac/NotPg/No delivery																		
B29708	0.51									0.54	0.44	0.71	0.50	0.47	0.40				
B29709	0.44						0.36	0.43	0.51	0.45	0.36	0.46	0.45	0.46	0.46				
B29710	0.45										0.48	0.46	0.42	0.41	0.54	0.38			
B29711	0.54										0.43	0.56	0.63	0.59	0.58	0.46			
B29712	Fin sac/NotPg/No delivery																		
B29713	0.43							0.40	0.49	0.46	0.40	0.39							
B29714	0.44		0.46	0.43															
B29715	0.35							0.40	0.37	0.35	0.32	0.30	0.34	0.38	0.31				
B29716	0.41							0.41	0.36	0.38	0.34	0.40	0.40	0.50	0.46	0.43	0.48		
B29717	0.42						0.35	0.46	0.45	0.46	0.38	0.43	0.45	0.41	0.43				
B29718	0.55							0.57	0.61	0.56	0.51	0.54	0.61	0.46					
B29719	0.42						0.46	0.43	0.43	0.41	0.45	0.40	0.40						
B29720	Fin sac/NotPg/No delivery																		
B29721	0.40						0.42	0.42	0.32	0.42	0.43	0.37	0.43	0.40					
B29722	0.43											0.47	0.40	0.44					
B29723	0.49							0.53	0.46	0.55	0.43	0.46	0.53						
B29724	0.39				0.36	0.36	0.37	0.44	0.36	0.45	0.38	0.38							
B29725	0.36				0.44	0.40	0.33	0.30	0.32	0.44	0.34								
Mean	0.44																		
SD	0.06																		

F1 GENERATION
Anogenital distance to the cube root of body weight

Sex: female
Dose: 0 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29701	1.37							1.36	1.52	1.42	1.40	1.38	1.12						
B29702	1.21						1.27	1.20	1.57	1.36	1.08	1.12	1.19	1.10	1.04				
B29703	Fin sac/NotPg/No delivery																		
B29704	1.95				1.92	1.95	2.05	2.03	1.84	1.91									
B29705	1.50							1.58	1.47	1.45	1.66	1.34	1.56	1.54	1.37				
B29706	1.49							1.42	1.57	1.46	1.53								
B29707	Fin sac/NotPg/No delivery																		
B29708	1.55								1.70	1.40	1.99	1.55	1.45	1.24					
B29709	1.59						1.28	1.53	1.82	1.67	1.33	1.65	1.69	1.66	1.70				
B29710	1.51										1.63	1.56	1.46	1.37	1.77	1.25			
B29711	1.62										1.41	1.72	1.83	1.69	1.61	1.44			
B29712	Fin sac/NotPg/No delivery																		
B29713	1.53							1.41	1.72	1.62	1.52	1.38							
B29714	1.63		1.65	1.61															
B29715	1.24							1.37	1.28	1.23	1.18	1.11	1.25	1.35	1.13				
B29716	1.40							1.39	1.19	1.18	1.17	1.38	1.36	1.71	1.60	1.34	1.63		
B29717	1.35						1.12	1.39	1.44	1.46	1.20	1.34	1.45	1.30	1.40				
B29718	1.86							1.93	2.03	1.84	1.78	1.78	1.99	1.68					
B29719	1.49						1.59	1.50	1.55	1.48	1.49	1.44	1.40						
B29720	Fin sac/NotPg/No delivery																		
B29721	1.40						1.47	1.32	1.17	1.49	1.54	1.25	1.55	1.42					
B29722	1.54											1.67	1.41	1.55					
B29723	1.68							1.85	1.61	1.80	1.48	1.51	1.82						
B29724	1.43				1.35	1.35	1.32	1.59	1.38	1.57	1.40	1.49							
B29725	1.27				1.39	1.35	1.18	1.08	1.17	1.54	1.18								
Mean	1.51																		
SD	0.18																		

F1 GENERATION
Anogenital distance (mm)

Sex: male
 Dose: 250 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																			
B29726	4.00	4.26	3.71	4.22	3.76	4.25	4.03	3.93					3.81							
B29727	3.88	3.89	3.67	4.39	3.88	3.84	3.58													
B29728	4.61	4.69	4.70	4.89	4.59	4.27	4.67	4.53	5.17							4.02				
B29729	4.61	4.64	4.74	4.48	4.75	4.37	4.70	4.59												
B29730	Fin sac/NotPg/No delivery																			
B29731	4.90	5.75	5.05	4.37	5.28	4.35	4.85	4.62												
B29732	4.18	3.62	4.60	4.90	3.65	4.06	4.24													
B29733	4.78	5.83	4.95	4.57	4.01	4.54														
B29734	4.39	3.46	3.69	4.25	4.22	4.16	4.80	4.90	4.55	5.81	4.04									
B29735	4.52	4.83	4.72	3.69	4.73	4.46	4.70													
B29736	4.97	4.61	4.52	4.78	5.03	5.39	4.40	4.97	5.20	5.87										
B29737	Fin sac/NotPg/No delivery																			
B29738	Fin sac/NotPg/No delivery																			
B29739	5.50	6.35	4.87	5.69	5.57	5.21	5.32													
B29740	4.92		4.40	5.82	5.38	4.78	4.23													
B29741	4.41	4.71	3.94	4.96	4.86	4.36	4.32	4.17	3.95											
B29742	5.43	5.30	5.78	5.52	5.11															
B29743	4.68	4.68	4.89	4.74	4.78	4.31														
B29744	4.33	4.16	4.04	4.24	4.06	4.30	4.76	4.72												
B29745	4.51	4.57	4.80	4.68	4.57	3.76	4.44	4.74												
B29746	Fin sac/NotPg/No delivery																			
B29747	4.47	4.19	4.82	4.57	4.16	4.39	4.32	4.58	4.76											
B29748	4.40	4.87	4.41	4.40	4.11	4.41	4.86	3.71												
B29749	4.30	4.47	4.03	4.70	4.18	3.99					4.43									
B29750	4.06	4.23	3.95	3.98	3.98	4.40	3.98	4.08	4.51	3.62	3.91									
Mean	4.56																			
SD	0.42																			

F1 GENERATION
Anogenital distance/Pup weight (mm/g)

Sex: male
 Dose: 250 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																			
B29726	0.59	0.62	0.56	0.65	0.53	0.62	0.58	0.58					0.60							
B29727	0.52	0.53	0.49	0.60	0.50	0.50	0.48													
B29728	0.75	0.82	0.80	0.86	0.74	0.61	0.74	0.72	0.85							0.63				
B29729	0.77	0.74	0.75	0.71	0.99	0.70	0.73	0.78												
B29730	Fin sac/NotPg/No delivery																			
B29731	0.77	0.88	0.78	0.73	0.85	0.67	0.75	0.75												
B29732	0.70	0.59	0.70	0.80	0.68	0.70	0.73													
B29733	0.68	0.81	0.69	0.70	0.54	0.68														
B29734	0.66	0.54	0.56	0.73	0.65	0.58	0.69	0.73	0.75	0.83	0.59									
B29735	0.67	0.69	0.67	0.54	0.70	0.67	0.72													
B29736	0.64	0.56	0.59	0.61	0.64	0.69	0.59	0.59	0.71	0.76										
B29737	Fin sac/NotPg/No delivery																			
B29738	Fin sac/NotPg/No delivery																			
B29739	1.02	1.08	0.92	0.96	0.90	1.21	1.02													
B29740	0.71		0.64	0.87	0.74	0.67	0.62													
B29741	0.60	0.62	0.53	0.66	0.67	0.58	0.58	0.60	0.57											
B29742	0.77	0.77	0.77	0.80	0.75															
B29743	0.69	0.62	0.78	0.68	0.69	0.70														
B29744	0.60	0.61	0.60	0.61	0.53	0.55	0.66	0.65												
B29745	0.62	0.63	0.62	0.62	0.61	0.49	0.65	0.71												
B29746	Fin sac/NotPg/No delivery																			
B29747	0.68	0.60	0.69	0.75	0.58	0.74	0.63	0.68	0.73											
B29748	0.67	0.77	0.67	0.67	0.61	0.61	0.78	0.60												
B29749	0.67	0.67	0.66	0.72	0.65	0.60					0.74									
B29750	0.62	0.62	0.59	0.55	0.71	0.62	0.57	0.60	0.64	0.62	0.70									
Mean	0.69																			
SD	0.10																			

F1 GENERATION
Anogenital distance to the cube root of body weight

Sex: male
 Dose: 250 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29726	2.11	2.24	1.98	2.26	1.96	2.23	2.11	2.07				2.05							
B29727	1.98	2.00	1.87	2.26	1.96	1.94	1.84												
B29728	2.52	2.63	2.60	2.74	2.50	2.23	2.53	2.45	2.83						2.17				
B29729	2.54	2.51	2.57	2.43	2.82	2.38	2.53	2.54											
B29730	Fin sac/NotPg/No delivery																		
B29731	2.64	3.08	2.71	2.40	2.87	2.33	2.60	2.51											
B29732	2.30	1.98	2.45	2.68	2.08	2.26	2.36												
B29733	2.50	3.02	2.56	2.45	2.06	2.41													
B29734	2.34	1.86	1.97	2.37	2.26	2.15	2.51	2.60	2.49	3.04	2.12								
B29735	2.39	2.52	2.47	1.95	2.50	2.37	2.52												
B29736	2.51	2.28	2.30	2.41	2.54	2.72	2.25	2.44	2.68	2.97									
B29737	Fin sac/NotPg/No delivery																		
B29738	Fin sac/NotPg/No delivery																		
B29739	3.13	3.51	2.79	3.15	3.03	3.20	3.07												
B29740	2.58		2.31	3.09	2.77	2.49	2.23												
B29741	2.27	2.40	2.01	2.53	2.51	2.23	2.21	2.19	2.07										
B29742	2.83	2.78	2.95	2.90	2.70														
B29743	2.47	2.38	2.65	2.48	2.51	2.35													
B29744	2.24	2.20	2.14	2.22	2.06	2.17	2.47	2.43											
B29745	2.32	2.37	2.42	2.38	2.33	1.90	2.34	2.51											
B29746	Fin sac/NotPg/No delivery																		
B29747	2.38	2.19	2.52	2.50	2.15	2.43	2.27	2.43	2.55										
B29748	2.35	2.64	2.35	2.35	2.18	2.28	2.65	2.02											
B29749	2.32	2.37	2.21	2.52	2.25	2.13				2.44									
B29750	2.17	2.23	2.10	2.06	2.24	2.29	2.08	2.15	2.35	2.01	2.20								
Mean	2.42																		
SD	0.25																		

F1 GENERATION
Anogenital distance (mm)

Sex: female
 Dose: 250 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29726	2.20							2.00	2.14	2.53	2.13								
B29727	2.57						2.54	2.82	2.60	2.33	2.51	2.59							
B29728	2.68								2.82	2.62	2.35	2.05	3.01	3.20					
B29729	3.49							3.80	3.21	3.56	3.56	3.48	3.31						
B29730	Fin sac/NotPg/No delivery																		
B29731	2.90							2.63	2.75	2.91	3.10	3.25	2.98	2.65					
B29732	2.30						2.11	2.43	2.42	2.64	2.34	2.05	2.10						
B29733	2.81					3.07	2.71	3.55	2.56	2.19	2.81	3.00	2.57						
B29734	2.40										2.44	2.25	2.15	2.62	2.46	2.60	2.28		
B29735	2.55						3.12	2.49	2.39	2.64	2.45	2.31	2.38	2.40	2.59	2.76			
B29736	2.96									2.99	2.87	2.99	2.97						
B29737	Fin sac/NotPg/No delivery																		
B29738	Fin sac/NotPg/No delivery																		
B29739	3.10						3.00	3.12	3.22	3.00	3.18								
B29740	2.97	3.64					2.89	3.13	2.26	2.74	2.81	3.33							
B29741	2.66								3.05	2.55	2.49	2.56							
B29742	3.23				3.12	3.26	3.43	3.44	3.32	3.51	3.50	2.91	3.06	3.11	2.89				
B29743	2.80					2.67	2.25	3.08	3.03	2.86	2.57	3.13	2.83						
B29744	2.63							2.68	2.79	2.57	2.60	2.15	2.58	3.00	2.67				
B29745	2.57							2.64	2.46	2.35	2.68	2.58	2.71						
B29746	Fin sac/NotPg/No delivery																		
B29747	2.43								2.37	2.35	2.68	2.21	2.51	2.40	2.50				
B29748	2.46							2.75	3.01	2.12	2.25	2.29	2.23	2.55					
B29749	2.87					2.65	2.41	3.20	3.08		3.02								
B29750	2.46										2.08	2.39	2.00	2.85	2.79	2.19	2.54	2.80	
Mean	2.72																		
SD	0.32																		

F1 GENERATION
Anogenital distance/Pup weight (mm/g)

Sex: female
Dose: 250 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29726	0.34							0.32	0.31	0.39	0.36								
B29727	0.36						0.34	0.40	0.36	0.33	0.37	0.34							
B29728	0.46								0.51	0.43	0.40	0.34	0.53	0.56					
B29729	0.62							0.60	0.64	0.59	0.59	0.67	0.59						
B29730	Fin sac/NotPg/No delivery																		
B29731	0.53							0.45	0.51	0.50	0.61	0.58	0.54	0.49					
B29732	0.39						0.38	0.41	0.45	0.46	0.37	0.34	0.34						
B29733	0.42					0.47	0.40	0.53	0.41	0.30	0.41	0.48	0.38						
B29734	0.40										0.38	0.37	0.35	0.46	0.37	0.41	0.43		
B29735	0.40						0.45	0.40	0.38	0.41	0.38	0.36	0.36	0.39	0.42	0.43			
B29736	0.39									0.39	0.39	0.41	0.39						
B29737	Fin sac/NotPg/No delivery																		
B29738	Fin sac/NotPg/No delivery																		
B29739	0.60						0.56	0.60	0.66	0.60	0.61								
B29740	0.45	0.52					0.41	0.50	0.36	0.46	0.44	0.50							
B29741	0.40								0.43	0.39	0.40	0.39							
B29742	0.47				0.45	0.45	0.50	0.51	0.52	0.52	0.47	0.44	0.44	0.46	0.40				
B29743	0.44					0.45	0.33	0.48	0.45	0.50	0.44	0.47	0.42						
B29744	0.40							0.41	0.43	0.40	0.43	0.36	0.36	0.42	0.40				
B29745	0.37							0.41	0.35	0.32	0.36	0.36	0.45						
B29746	Fin sac/NotPg/No delivery																		
B29747	0.39								0.41	0.35	0.44	0.39	0.37	0.41	0.39				
B29748	0.39							0.45	0.50	0.34	0.36	0.38	0.34	0.39					
B29749	0.51					0.43	0.42	0.53	0.66		0.50								
B29750	0.40										0.34	0.39	0.33	0.43	0.46	0.38	0.45	0.44	
Mean	0.44																		
SD	0.07																		

F1 GENERATION
Anogenital distance to the cube root of body weight

Sex: female
 Dose: 250 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29726	1.18							1.08	1.12	1.36	1.18								
B29727	1.33						1.30	1.47	1.34	1.21	1.32	1.32							
B29728	1.49								1.60	1.43	1.30	1.12	1.69	1.79					
B29729	1.95							2.06	1.88	1.96	1.96	2.01	1.86						
B29730	Fin sac/NotPg/No delivery																		
B29731	1.64							1.46	1.57	1.62	1.80	1.83	1.69	1.51					
B29732	1.27						1.19	1.34	1.38	1.47	1.27	1.13	1.14						
B29733	1.49					1.64	1.43	1.88	1.39	1.13	1.48	1.63	1.36						
B29734	1.31										1.31	1.23	1.18	1.47	1.30	1.40	1.31		
B29735	1.37						1.63	1.35	1.29	1.41	1.31	1.24	1.27	1.31	1.41	1.49			
B29736	1.51									1.51	1.48	1.54	1.50						
B29737	Fin sac/NotPg/No delivery																		
B29738	Fin sac/NotPg/No delivery																		
B29739	1.80						1.71	1.80	1.90	1.75	1.84								
B29740	1.59	1.90					1.50	1.69	1.22	1.51	1.51	1.78							
B29741	1.42								1.59	1.36	1.36	1.36							
B29742	1.70				1.64	1.69	1.81	1.82	1.79	1.85	1.80	1.55	1.61	1.65	1.50				
B29743	1.51					1.47	1.19	1.66	1.61	1.60	1.42	1.66	1.50						
B29744	1.40							1.44	1.49	1.38	1.43	1.18	1.34	1.56	1.42				
B29745	1.35							1.41	1.29	1.21	1.37	1.34	1.49						
B29746	Fin sac/NotPg/No delivery																		
B29747	1.33								1.32	1.25	1.47	1.24	1.32	1.34	1.35				
B29748	1.33							1.51	1.66	1.15	1.22	1.25	1.19	1.36					
B29749	1.61					1.44	1.34	1.76	1.84		1.65								
B29750	1.34										1.13	1.31	1.09	1.52	1.53	1.23	1.43	1.51	
Mean	1.47																		
SD	0.19																		

F1 GENERATION
Anogenital distance (mm)

Sex: male
Dose: 500 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																			
B29751	4.33	4.78	3.88	4.25	3.89	4.55	4.60													
B29752	5.12	4.72	5.15	5.27	5.35	5.12														
B29753	4.39	4.37	4.40	4.46	4.66	3.76														4.71
B29754	4.44	5.00	4.57	4.94	4.47	3.86	4.02	4.43	4.25											
B29755	4.74	4.82	4.02	4.78	4.68	5.44													4.69	
B29756	4.04	3.45	3.59	3.65	3.81	4.39	4.60	4.18	4.62											
B29757	4.05	4.45	3.98	4.25	3.62	4.31	3.98	4.01	3.82											
B29758	4.12	4.03	4.29	3.86	4.02	4.44	4.16	3.93	4.22											
B29759	4.68	4.42	4.92	5.03	4.73	4.40	4.41	4.83												
B29760	4.97	5.21	5.74	5.22	5.30	5.80	4.95	4.21	4.60	4.07	5.07	4.07	5.35							
B29761	Fin sac/NotPg/No delivery																			
B29762	Fin sac/NotPg/No delivery																			
B29763	4.22	4.14	3.84	4.80	4.41	4.24	4.89	4.51	4.25	4.12	2.96									
B29764	4.32	4.09	4.11	4.16	3.96	5.03	4.67	4.25												
B29765	4.57	4.22	4.92	4.37	4.75															
B29766	4.81	4.91	4.92	4.88	4.56	4.80	4.95	4.77	5.06	4.42										
B29767	3.74	3.46	3.93	3.56	3.68	3.35	5.11												3.81	3.02
B29768	4.61	5.29	4.75	4.29	4.24													4.46		
B29769	5.07	5.94	5.28	4.53	4.39	5.19														
B29770	5.14	5.26	4.91	5.14	5.25	5.59	5.10	5.08	4.72	5.21										
B29771	4.10	4.41	4.20	3.85	3.83	3.92	4.00	4.49												
B29772	4.68	3.97	4.58	4.50	5.18	4.82	4.85	4.85												
B29773	Fin sac/NotPg/No delivery																			
B29774	5.40	5.36	5.43																	
B29775	4.27	4.26	4.16	4.68	3.81	4.30	4.41													
Mean	4.54																			
SD	0.43																			

F1 GENERATION
Anogenital distance/Pup weight (mm/g)

Sex: male
 Dose: 500 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Female No.	Mean																				
B29751	0.64	0.68	0.61	0.64	0.55	0.61	0.77														
B29752	0.76	0.70	0.76	0.76	0.84	0.74															
B29753	0.69	0.62	0.86	0.69	0.74	0.56															
B29754	0.62	0.74	0.67	0.68	0.65	0.54	0.60	0.58	0.55											0.67	
B29755	0.74	0.72	0.63	0.71	0.75	0.85													0.78		
B29756	0.62	0.51	0.55	0.54	0.56	0.70	0.68	0.69	0.71												
B29757	0.58	0.61	0.63	0.63	0.51	0.61	0.52	0.56	0.55												
B29758	0.57	0.52	0.60	0.51	0.55	0.64	0.59	0.52	0.59												
B29759	0.69	0.67	0.66	0.73	0.76	0.68	0.58	0.72													
B29760	0.72	0.69	0.82	0.90	0.72	0.81	0.67	0.59	0.71	0.61	0.72	0.62	0.75								
B29761	Fin sac/NotPg/No delivery																				
B29762	Fin sac/NotPg/No delivery																				
B29763	0.64	0.63	0.51	0.69	0.59	0.64	0.74	0.62	0.69	0.57	0.74										
B29764	0.59	0.58	0.56	0.55	0.54	0.73	0.61	0.59													
B29765	0.71	0.69	0.67	0.68	0.78																
B29766	0.85	0.88	0.82	0.89	0.91	0.94	0.85	0.78	0.84	0.75											
B29767	0.66	0.69	0.70	0.61	0.66	0.58	0.90													0.66	0.50
B29768	0.69	0.79	0.73	0.65	0.62																
B29769	0.72	0.85	0.77	0.67	0.58	0.75															
B29770	0.90	0.86	0.91	0.89	1.01	1.02	0.88	0.82	0.83	0.91											
B29771	0.62	0.62	0.60	0.60	0.61	0.54	0.67	0.70													
B29772	0.68	0.56	0.72	0.65	0.69	0.68	0.76	0.72													
B29773	Fin sac/NotPg/No delivery																				
B29774	0.75	0.77	0.74																		
B29775	0.70	0.66	0.72	0.73	0.62	0.72	0.76														
Mean	0.69																				
SD	0.08																				

F1 GENERATION
Anogenital distance to the cube root of body weight

Sex: male
 Dose: 500 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																			
B29751	2.29	2.50	2.09	2.27	2.02	2.32	2.53													
B29752	2.71	2.50	2.72	2.77	2.88	2.69														
B29753	2.37	2.27	2.56	2.39	2.52	1.99									2.46					
B29754	2.31	2.64	2.41	2.55	2.35	2.00	2.13	2.24	2.15											
B29755	2.55	2.56	2.17	2.54	2.55	2.93				2.58										
B29756	2.16	1.82	1.92	1.94	2.01	2.38	2.43	2.29	2.48											
B29757	2.11	2.29	2.15	2.24	1.88	2.24	2.02	2.08	2.01											
B29758	2.12	2.04	2.23	1.96	2.07	2.33	2.16	2.01	2.19											
B29759	2.47	2.36	2.52	2.64	2.57	2.36	2.24	2.56												
B29760	2.60	2.66	3.00	2.91	2.72	3.00	2.54	2.19	2.46	2.16	2.65	2.17	2.78							
B29761	Fin sac/NotPg/No delivery																			
B29762	Fin sac/NotPg/No delivery																			
B29763	2.24	2.21	1.95	2.51	2.25	2.26	2.61	2.32	2.31	2.13	1.86									
B29764	2.23	2.13	2.11	2.13	2.04	2.64	2.38	2.20												
B29765	2.45	2.31	2.54	2.35	2.60															
B29766	2.70	2.76	2.71	2.76	2.67	2.79	2.76	2.61	2.78	2.45										
B29767	2.10	2.02	2.21	1.98	2.07	1.86	2.86				2.12									1.66
B29768	2.45	2.81	2.55	2.29	2.24						2.38									
B29769	2.65	3.11	2.77	2.39	2.23	2.73														
B29770	2.88	2.88	2.80	2.86	3.03	3.17	2.84	2.77	2.64	2.92										
B29771	2.18	2.29	2.20	2.07	2.07	2.03	2.20	2.42												
B29772	2.46	2.07	2.47	2.36	2.65	2.51	2.61	2.57												
B29773	Fin sac/NotPg/No delivery																			
B29774	2.80	2.80	2.80																	
B29775	2.34	2.28	2.32	2.52	2.09	2.37	2.45													
Mean	2.42																			
SD	0.23																			

F1 GENERATION
Anogenital distance (mm)

Sex: female
Dose: 500 mg/kg/day

Fetus No		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Female No.	Mean																				
B29751	2.70							2.57	2.75	2.99	2.26	2.59	3.01								
B29752	3.12						3.06	3.37	3.40	3.49	3.26	2.60	3.01	3.28	2.59						
B29753	2.88						3.06	3.14	2.43	2.85	2.86	3.16	2.74	2.80							
B29754	2.58									2.86	2.61	2.45	2.57	2.44	2.57						
B29755	2.75						2.58	3.21	2.69			2.59	2.56	2.63	2.96						
B29756	2.77									2.93	2.85	2.78	2.53								
B29757	2.46									2.32	2.75	2.51	2.24								
B29758	2.81									2.97	2.80	2.71	2.54	3.04							
B29759	2.44									2.08	2.57	2.49	2.76	2.24	2.30	2.61					
B29760	2.98													2.96	3.02	3.24	2.74	2.95			
B29761	Fin sac/NotPg/No delivery																				
B29762	Fin sac/NotPg/No delivery																				
B29763	2.51											2.26	2.55	2.98	2.43	2.62	2.19				
B29764	2.66									2.05	2.43	2.50	2.92	2.68	3.98	2.41	2.93	2.07			
B29765	2.97					2.62	3.28	2.48	2.92	3.00	2.79	2.97	3.60	3.43	2.56						
B29766	3.20											3.17	3.24	3.01	3.35	3.10	3.46	3.07			
B29767	2.49							2.26	2.02	2.28			2.85	2.75	2.44	2.81					
B29768	2.93					2.82	2.89	2.56	3.43												
B29769	3.29						3.12	3.08	3.52	3.53	3.22	3.25									
B29770	3.11											3.21	2.83	3.40	3.37	2.61	3.25				
B29771	2.36											2.15	2.12	2.27	2.82	2.16	2.33	2.41	2.62		
B29772	3.37											3.38	3.56	3.32	3.96	3.59	2.98	2.82			
B29773	Fin sac/NotPg/No delivery																				
B29774	2.85			2.29	3.15	2.63	2.70	3.11	2.87	2.71	3.10	3.06									
B29775	2.60							2.70	2.68	2.79	2.78	2.50	2.53	2.45	2.39						
Mean	2.81																				
SD	0.29																				

F1 GENERATION
Anogenital distance/Pup weight (mm/g)

Sex: female
Dose: 500 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29751	0.42						0.44	0.41	0.44	0.35	0.42	0.45							
B29752	0.47					0.49	0.50	0.49	0.51	0.52	0.39	0.47	0.48	0.40					
B29753	0.46					0.47	0.51	0.40	0.46	0.41	0.51	0.46	0.47						
B29754	0.36								0.40	0.38	0.34	0.36	0.34	0.34					
B29755	0.47					0.43	0.55	0.43		0.43	0.47	0.44	0.51						
B29756	0.45								0.48	0.48	0.44	0.41							
B29757	0.38								0.36	0.40	0.39	0.35							
B29758	0.39								0.39	0.39	0.37	0.36	0.46						
B29759	0.39							0.34	0.42	0.37	0.42	0.37	0.35	0.47					
B29760	0.45												0.45	0.45	0.47	0.41	0.45		
B29761	Fin sac/NotPg/No delivery																		
B29762	Fin sac/NotPg/No delivery																		
B29763	0.39										0.32	0.38	0.51	0.39	0.43	0.33			
B29764	0.40							0.30	0.39	0.37	0.42	0.42	0.59	0.40	0.42	0.32			
B29765	0.46				0.40	0.52	0.38	0.48	0.43	0.45	0.48	0.56	0.54	0.39					
B29766	0.59									0.57	0.61	0.53	0.66	0.55	0.63	0.57			
B29767	0.46						0.44	0.36	0.45		0.53	0.50	0.45	0.50					
B29768	0.47				0.46	0.47	0.40	0.54											
B29769	0.49					0.45	0.44	0.55	0.50	0.50	0.48								
B29770	0.56									0.61	0.48	0.62	0.65	0.46	0.56				
B29771	0.35								0.32	0.32	0.33	0.42	0.35	0.36	0.33	0.39			
B29772	0.52								0.55	0.54	0.54	0.62	0.53	0.44	0.42				
B29773	Fin sac/NotPg/No delivery																		
B29774	0.42		0.35	0.45	0.38	0.44	0.43	0.44	0.36	0.45	0.44								
B29775	0.46						0.48	0.49	0.50	0.48	0.41	0.43	0.46	0.42					
Mean	0.45																		
SD	0.06																		

F1 GENERATION
Anogenital distance to the cube root of body weight

Sex: female
Dose: 500 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Female No. Mean																				
B29751	1.45						1.42	1.46	1.58	1.22	1.42	1.60								
B29752	1.66					1.67	1.79	1.79	1.84	1.77	1.39	1.62	1.73	1.40						
B29753	1.56					1.64	1.71	1.33	1.55	1.50	1.72	1.51	1.55							
B29754	1.34								1.48	1.37	1.26	1.34	1.26	1.31						
B29755	1.52					1.42	1.79	1.46		1.43	1.46	1.45	1.65							
B29756	1.52								1.60	1.58	1.51	1.38								
B29757	1.31								1.24	1.45	1.35	1.21								
B29758	1.46								1.51	1.45	1.40	1.33	1.62							
B29759	1.32							1.13	1.41	1.31	1.48	1.23	1.23	1.47						
B29760	1.58												1.58	1.60	1.70	1.45	1.58			
B29761	Fin sac/NotPg/No delivery																			
B29762	Fin sac/NotPg/No delivery																			
B29763	1.35										1.18	1.35	1.65	1.32	1.43	1.16				
B29764	1.42							1.08	1.32	1.33	1.53	1.44	2.10	1.32	1.53	1.11				
B29765	1.60				1.40	1.78	1.33	1.60	1.58	1.52	1.62	1.94	1.86	1.37						
B29766	1.82									1.79	1.86	1.69	1.95	1.75	1.96	1.75				
B29767	1.24						1.31	1.14	1.32		1.62	1.56	1.39	1.58	0.00					
B29768	1.59				1.54	1.58	1.38	1.86												
B29769	1.74					1.63	1.61	1.90	1.85	1.73	1.72									
B29770	1.76									1.84	1.57	1.93	1.95	1.46	1.81					
B29771	1.25								1.14	1.12	1.20	1.50	1.18	1.25	1.24	1.39				
B29772	1.81								1.84	1.90	1.82	2.13	1.89	1.58	1.50					
B29773	Fin sac/NotPg/No delivery																			
B29774	1.50		1.23	1.65	1.38	1.48	1.61	1.54	1.38	1.63	1.60									
B29775	1.46						1.52	1.52	1.57	1.55	1.37	1.40	1.41	1.34						
Mean	1.51																			
SD	0.17																			

F1 GENERATION
Anogenital distance (mm)

Sex: male
Dose: 1000 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29776	4.59	4.83	4.61	4.44	4.47														
B29777	Fin sac/NotPg/No delivery																		
B29778	Fin sac/NotPg/No delivery																		
B29779	5.00	5.79	5.04	5.27	4.78	4.53	4.98	5.10	4.48										
B29780	4.14	3.85	3.79	3.78	4.11	4.21	4.37	4.66	4.31										
B29781	4.04	3.55	4.20	4.20	4.41	4.00	4.42	3.53	4.03										
B29782	5.26	4.39	4.81	5.52	4.72	5.87	5.72	5.92	5.11										
B29783	3.91	3.53	3.99	4.21	4.37	3.68	3.66												
B29784	4.78	5.29	5.07	4.19	5.10	4.56	4.64	5.19	5.35	4.21	4.05	4.81	4.87						
B29785	4.96	4.18	4.48	4.90	5.13	5.18	6.16	4.60	5.27	4.71									
B29786	Fin sac/NotPg/No delivery																		
B29787	Fin sac/NotPg/No delivery																		
B29788	4.62	4.55	4.43	4.73	4.80	4.69	4.98	4.77	4.02										
B29789	5.03	5.52	5.23	5.24	5.08	4.94	4.95	4.78	4.48										
B29790	4.54	4.75	4.96	4.86	3.76	4.51	4.85	4.10											
B29791	4.64	4.32	4.33	5.61	4.37	4.24	4.98												
B29792	4.25	4.21	4.76	4.68	4.32	4.34	3.90	3.88	3.90										
B29793	4.90	4.68	4.40	4.80	5.28	5.35													
B29794	4.91	4.09	5.04	5.57	3.90	5.73	5.04	5.25	4.63										
B29795	4.35	4.59	4.25	3.97	4.99	3.95													
B29796	4.91	5.16	5.13	4.47	4.85	4.88	4.74	4.78	5.23										
B29797	4.87	4.97	4.72	4.99	4.68	4.99													
B29798	Fin sac/NotPg/No delivery																		
B29799	4.83	4.86	4.85	5.31	4.39	4.87	4.69	5.16	4.53	4.80									
B29800	4.07	3.99	3.65	4.87	3.97	3.70	4.22												
Mean	4.63																		
SD	0.38																		

F1 GENERATION
Anogenital distance/Pup weight (mm/g)

Sex: male
 Dose: 1000 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29776	0.67	0.65	0.78	0.62	0.65														
B29777	Fin sac/NotPg/No delivery																		
B29778	Fin sac/NotPg/No delivery																		
B29779	0.68	0.88	0.85	0.68	0.61	0.61	0.63	0.63	0.57										
B29780	0.60	0.60	0.53	0.54	0.60	0.65	0.58	0.70	0.57										
B29781	0.61	0.50	0.66	0.61	0.67	0.66	0.65	0.54	0.58										
B29782	0.87	0.69	0.83	0.95	0.76	0.96	0.92	1.02	0.87										
B29783	0.64	0.62	0.67	0.65	0.72	0.57	0.62												
B29784	0.81	0.80	0.82	0.64	0.80	0.77	0.83	0.93	0.92	0.71	0.75	0.91	0.83						
B29785	0.65	0.52	0.61	0.64	0.71	0.68	0.78	0.58	0.71	0.60									
B29786	Fin sac/NotPg/No delivery																		
B29787	Fin sac/NotPg/No delivery																		
B29788	0.68	0.67	0.60	0.72	0.74	0.64	0.69	0.78	0.61										
B29789	0.66	0.69	0.74	0.70	0.65	0.71	0.61	0.62	0.59										
B29790	0.61	0.60	0.69	0.65	0.54	0.60	0.64	0.56											
B29791	0.64	0.59	0.55	0.79	0.61	0.59	0.69												
B29792	0.63	0.74	0.67	0.71	0.63	0.60	0.55	0.58	0.60										
B29793	0.63	0.59	0.58	0.62	0.69	0.69													
B29794	0.79	0.64	0.81	1.01	0.65	0.91	0.76	0.81	0.76										
B29795	0.68	0.67	0.64	0.70	0.78	0.61													
B29796	0.75	0.73	0.74	0.71	0.77	0.75	0.72	0.76	0.79										
B29797	0.74	0.79	0.69	0.85	0.63	0.73													
B29798	Fin sac/NotPg/No delivery																		
B29799	0.90	0.87	0.93	0.93	0.77	0.90	0.85	1.10	0.85	0.87									
B29800	0.62	0.56	0.55	0.76	0.60	0.61	0.62												
Mean	0.69																		
SD	0.09																		

F1 GENERATION
Anogenital distance to the cube root of body weight

Sex: male

Dose: 1000 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29776	2.42	2.48	2.55	2.30	2.35														
B29777	Fin sac/NotPg/No delivery																		
B29778	Fin sac/NotPg/No delivery																		
B29779	2.57	3.09	2.79	2.66	2.41	2.32	2.50	2.54	2.25										
B29780	2.17	2.07	1.97	1.98	2.16	2.26	2.23	2.47	2.19										
B29781	2.15	1.85	2.26	2.21	2.35	2.19	2.33	1.89	2.12										
B29782	2.89	2.36	2.68	3.07	2.57	3.21	3.11	3.29	2.83										
B29783	2.14	1.98	2.20	2.26	2.39	1.97	2.03												
B29784	2.64	2.82	2.76	2.25	2.75	2.52	2.61	2.92	2.98	2.33	2.31	2.76	2.70						
B29785	2.52	2.08	2.30	2.49	2.66	2.63	3.09	2.31	2.70	2.37									
B29786	Fin sac/NotPg/No delivery																		
B29787	Fin sac/NotPg/No delivery																		
B29788	2.44	2.40	2.27	2.52	2.57	2.42	2.58	2.61	2.14										
B29789	2.56	2.76	2.72	2.68	2.56	2.58	2.46	2.42	2.28										
B29790	2.33	2.38	2.57	2.48	1.98	2.30	2.47	2.11											
B29791	2.39	2.23	2.17	2.92	2.26	2.20	2.58												
B29792	2.25	2.36	2.48	2.49	2.27	2.25	2.03	2.06	2.09										
B29793	2.48	2.35	2.24	2.42	2.67	2.71													
B29794	2.67	2.20	2.74	3.16	2.15	3.10	2.69	2.81	2.53										
B29795	2.34	2.41	2.27	2.22	2.69	2.12													
B29796	2.62	2.68	2.69	2.42	2.63	2.61	2.53	2.59	2.79										
B29797	2.60	2.69	2.49	2.76	2.40	2.63													
B29798	Fin sac/NotPg/No delivery																		
B29799	2.76	2.74	2.80	2.97	2.46	2.78	2.66	3.08	2.60	2.72									
B29800	2.17	2.08	1.95	2.62	2.12	2.03	2.23												
Mean	2.45																		
SD	0.21																		

F1 GENERATION
Anogenital distance (mm)

Sex: female
 Dose: 1000 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Female No. Mean																				
B29776	2.75				2.98	3.08	3.33	2.46	2.13	2.69	2.39	2.69	2.96							
B29777	Fin sac/NotPg/No delivery																			
B29778	Fin sac/NotPg/No delivery																			
B29779	3.09								3.20	3.08	2.97	2.93	3.05	3.28						
B29780	2.58								2.56	2.72	2.55	2.62	2.72	2.26	2.61	2.58				
B29781	2.45								2.60	2.29	2.99	2.70	2.23	2.24	2.20	2.34				
B29782	3.38								2.97	3.21	3.78	3.55								
B29783	2.64							2.96	2.66	2.74	2.56	2.60	2.62	2.11	2.00	3.47				
B29784	3.10													2.79	2.92	3.37	3.13	2.00	3.61	3.91
B29785	3.35										2.83	3.24	3.71	3.49	3.48					
B29786	Fin sac/NotPg/No delivery																			
B29787	Fin sac/NotPg/No delivery																			
B29788	2.51								3.00	2.08	2.36	2.60								
B29789	2.85								2.32	3.27	2.96	3.18	2.29	3.10						
B29790	2.77								2.86	2.26	2.75	3.00	2.58	3.27	2.64					
B29791	2.56								2.52	2.60	2.62	2.50								
B29792	2.46										2.41	2.16	2.60	2.15	3.00	2.38	2.54			
B29793	3.01								2.92	3.08	2.79	3.05	2.92	3.28	3.11	2.94				
B29794	3.26										3.48	2.93	3.23	3.63	3.39	3.07	3.12			
B29795	2.48								2.16	2.17	2.05	3.00	2.56	2.95	2.55	2.43				
B29796	3.30										3.45	3.28	3.27	3.48	3.02					
B29797	3.26								3.40	3.24	3.08	3.47	3.51	2.60	3.54					
B29798	Fin sac/NotPg/No delivery																			
B29799	3.46										3.13	3.18	3.63	3.48	3.40	3.74	3.65			
B29800	2.74								2.86	3.01	2.62	2.82	3.04	2.44	2.52	2.59				
Mean	2.90																			
SD	0.35																			

F1 GENERATION
Anogenital distance/Pup weight (mm/g)

Sex: female
 Dose: 1000 mg/kg/day

Fetus No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Female No.	Mean																		
B29776	0.42				0.44	0.48	0.48	0.36	0.34	0.42	0.38	0.41	0.46						
B29777	Fin sac/NotPg/No delivery																		
B29778	Fin sac/NotPg/No delivery																		
B29779	0.43								0.45	0.49	0.40	0.42	0.40	0.43					
B29780	0.40								0.42	0.41	0.37	0.46	0.45	0.34	0.40	0.39			
B29781	0.41								0.47	0.36	0.52	0.40	0.38	0.42	0.33	0.37			
B29782	0.62								0.56	0.57	0.68	0.66							
B29783	0.45						0.48	0.44	0.47	0.51	0.42	0.42	0.37	0.33	0.58				
B29784	0.57												0.54	0.50	0.56	0.58	0.44	0.61	0.75
B29785	0.48								0.42	0.44	0.52	0.50	0.50						
B29786	Fin sac/NotPg/No delivery																		
B29787	Fin sac/NotPg/No delivery																		
B29788	0.37								0.43	0.33	0.34	0.36							
B29789	0.41								0.35	0.44	0.36	0.49	0.32	0.47					
B29790	0.40						0.42	0.31	0.44	0.44	0.39	0.48	0.35						
B29791	0.36						0.34	0.37	0.37	0.37									
B29792	0.39								0.38	0.35	0.42	0.34	0.48	0.36	0.37				
B29793	0.44				0.42	0.42	0.40	0.46	0.45	0.50	0.46	0.40							
B29794	0.56								0.60	0.52	0.51	0.66	0.56	0.53	0.52				
B29795	0.40				0.33	0.36	0.33	0.50	0.39	0.48	0.43	0.38							
B29796	0.54								0.57	0.54	0.55	0.54	0.50						
B29797	0.53				0.57	0.53	0.51	0.60	0.56	0.39	0.55								
B29798	Fin sac/NotPg/No delivery																		
B29799	0.72								0.70	0.62	0.71	0.79	0.67	0.80	0.78				
B29800	0.44				0.48	0.49	0.40	0.46	0.49	0.39	0.38	0.40							
Mean	0.47																		
SD	0.09																		

63. F1 generation - assessment of reflex and physical development (individual data)

-: failed test

F1 GENERATION

ASSESSMENT OF REFLEX AND PHYSICAL DEVELOPMENT (Individual data)

Dose: 250 mg/kg/day

CLIFF AVOIDANCE

FEMALE#	FUP NO.																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
B29726	11	11	11	11				11	11	11	11												
B29727	11	11	11	11			11	11	11	11													
B29728	11	11	11	11					11	11	11	11											
B29729	11	11	11	11				11	11	11	11												
B29731	11	11	11	11				11	11	11	11												
B29732	11	11	11	11			11	11	11	11													
B29733	11	11	11	11		11	11	11	11														
B29734	11	11			11							11	11	11	11								
B29735	11	11	11	11			11	11	11	11													
B29736	11	11	11	11						11	11	11	11										
B29740		11	11	11	-11		11	11	11	11													
B29741	11	11	11	11					11	11	11	11											
B29742	11	11	11	11	11	11	11	11	11														
B29743	11	11	11	11		11	11	11	11														
B29744	11	11	11	11				11	11	11	11												
B29745	11	11	11	11				11	11	11	11												
B29747	11	11	11	11					11	11	11	11											
B29748	11	11	11	11				11	11	11	11												
B29749	11	11	11	11		11	11	11	11														
B29750	11	11	11		11							11	11	11	11								

F1 GENERATION

ASSESSMENT OF REFLEX AND PHYSICAL DEVELOPMENT (Individual data)

Dose: 250 mg/kg/day

AIR RIGHTING

FEMALE#	FUP NO.																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
B29726	17	17	17	17				17	17	17	17												
B29727	17	17	17	17			17	17	17	17													
B29728	17	17	17	17					17	17	17	-17											
B29729	17	17	17	17				17	17	17	17												
B29731	17	17	17	17				17	17	17	17												
B29732	17	17	17	17			17	17	17	17													
B29733	17	17	17	17	17	17	17	17															
B29734	17	17			17							17	17	17	17								
B29735	17	17	17	17			17	17	17	17													
B29736	17	17	17	17						17	17	17	17										
B29740		17	17	-17	-17		17	17	17	17													
B29741	17	17	17	17					17	17	17	17											
B29742	17	17	17	17	17	17	17	17															
B29743	17	17	17	17		17	17	17	17														
B29744	17	17	17	17				17	17	-17	17												
B29745	17	-17	17	-17				17	17	17	17												
B29747	17	17	17	17					17	17	17	17											
B29748	17	17	17	17				17	17	17	17												
B29749	17	17	17	17		17	17	17															
B29750	17	17	17		17							17	17	17	17								

64. F1 generation - individual pups observations

Fin sac: final sacrifice
Prem sac: prematurely sacrificed
Pg: pregnant

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 0 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29701	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
B29702	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		8	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
B29704	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
B29705	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
B29706	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
		12	W	24	NO GROSS NECROPSY FINDINGS
B29708	SP	1	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
		13	D	11	GENERAL O AUTOLYSIS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 0 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29709	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
B29710	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		13	W	22	NO GROSS NECROPSY FINDINGS
		14	W	22	NO GROSS NECROPSY FINDINGS
B29711	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		13	W	22	NO GROSS NECROPSY FINDINGS
		14	W	22	NO GROSS NECROPSY FINDINGS
B29713	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
B29714	SP	1	W	22	NO GROSS NECROPSY FINDINGS
		2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
B29715	SP	3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
B29716	SP	1	W	24	NO GROSS NECROPSY FINDINGS
		2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		8	W	24	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 0 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29716 (CONTINUED)					
	9	W	24		NO GROSS NECROPSY FINDINGS
	10	W	24		NO GROSS NECROPSY FINDINGS
B29717	SP	3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		8	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
B29718	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	D	4 GENERAL	O AUTOLYSIS
		13	D	3 GENERAL	O AUTOLYSIS
		14	D	2	NO GROSS NECROPSY FINDINGS
B29719	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
B29721	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
B29722	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		13	W	22	NO GROSS NECROPSY FINDINGS
		14	W	22	NO GROSS NECROPSY FINDINGS
B29723	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS

FUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 0 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29724	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		7	W	24	NO GROSS NECROPSY FINDINGS
		8	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
B29725	SP	3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		6	D	2	GENERAL O AUTOLYSIS
		7	W	24	NO GROSS NECROPSY FINDINGS
		8	W	24	NO GROSS NECROPSY FINDINGS
		13	D	1	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 250 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29726	SP	3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
B29727	SP	1	W	23	NO GROSS NECROPSY FINDINGS
		2	W	23	NO GROSS NECROPSY FINDINGS
		3	W	23	NO GROSS NECROPSY FINDINGS
		7	W	23	NO GROSS NECROPSY FINDINGS
		8	W	23	NO GROSS NECROPSY FINDINGS
		9	W	23	NO GROSS NECROPSY FINDINGS
B29728	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
B29729	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
B29731	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
B29732	SP	1	W	24	NO GROSS NECROPSY FINDINGS
		2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		7	W	24	NO GROSS NECROPSY FINDINGS
		8	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
B29733	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 250 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29733 (CONTINUED)					
	9	W	22		NO GROSS NECROPSY FINDINGS
B29734	SP	1	W	22	NO GROSS NECROPSY FINDINGS
		2	W	22	NO GROSS NECROPSY FINDINGS
		4	D	4	NO GROSS NECROPSY FINDINGS
		5	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
		13	W	22	NO GROSS NECROPSY FINDINGS
B29735	SP	3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
B29736	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
		13	W	22	NO GROSS NECROPSY FINDINGS
B29739	UPL	1	D	2 GENERAL	O AUTOLYSIS
		2	D	2 GENERAL	O AUTOLYSIS
		3	D	4 GENERAL	O AUTOLYSIS
		4	D	2 GENERAL	O AUTOLYSIS
		5	D	2 GENERAL	O AUTOLYSIS
		6	D	2 GENERAL	O AUTOLYSIS
		7	D	2 GENERAL	O AUTOLYSIS
		8	D	2 GENERAL	O AUTOLYSIS
		10	D	3 GENERAL	O AUTOLYSIS
		11	D	2 GENERAL	O AUTOLYSIS
		12	D	1	NO GROSS NECROPSY FINDINGS
	B29740	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		5	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg UPL=Prem sac/Pg/Lactation

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 250 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29741	3	W	24		NO GROSS NECROPSY FINDINGS
	4	W	24		NO GROSS NECROPSY FINDINGS
	11	W	24		NO GROSS NECROPSY FINDINGS
	12	W	24		NO GROSS NECROPSY FINDINGS
B29742	2	W	22		NO GROSS NECROPSY FINDINGS
	3	W	22		NO GROSS NECROPSY FINDINGS
	4	W	22		NO GROSS NECROPSY FINDINGS
	6	W	22		NO GROSS NECROPSY FINDINGS
	7	W	22		NO GROSS NECROPSY FINDINGS
B29743	2	W	22		NO GROSS NECROPSY FINDINGS
	3	W	22		NO GROSS NECROPSY FINDINGS
	4	W	22		NO GROSS NECROPSY FINDINGS
	6	W	22		NO GROSS NECROPSY FINDINGS
	8	W	22		NO GROSS NECROPSY FINDINGS
B29744	3	W	24		NO GROSS NECROPSY FINDINGS
	4	W	24		NO GROSS NECROPSY FINDINGS
	9	W	24		NO GROSS NECROPSY FINDINGS
	10	W	24		NO GROSS NECROPSY FINDINGS
	11	W	24		NO GROSS NECROPSY FINDINGS
B29745	2	W	24		NO GROSS NECROPSY FINDINGS
	3	W	24		NO GROSS NECROPSY FINDINGS
	4	W	24		NO GROSS NECROPSY FINDINGS
	9	W	24		NO GROSS NECROPSY FINDINGS
	11	W	24		NO GROSS NECROPSY FINDINGS
B29747	2	W	24		NO GROSS NECROPSY FINDINGS
	3	W	24		NO GROSS NECROPSY FINDINGS
	4	W	24		NO GROSS NECROPSY FINDINGS
	11	W	24		NO GROSS NECROPSY FINDINGS
	12	W	24		NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 250 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29748	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
B29749	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	B	15	NO GROSS NECROPSY FINDINGS
B29750	SP	3	W	24	NO GROSS NECROPSY FINDINGS
		5	W	24	NO GROSS NECROPSY FINDINGS
		13	W	24	NO GROSS NECROPSY FINDINGS
		14	W	24	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: B-SACRIFICED MORIBUND W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 500 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29751	SP	3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		5	W	24	NO GROSS NECROPSY FINDINGS
		8	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
B29752	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
B29753	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
B29754	SP	3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
		12	W	24	NO GROSS NECROPSY FINDINGS
B29755	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
B29756	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
		12	W	24	NO GROSS NECROPSY FINDINGS
B29757	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	D	3	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 500 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29757 (CONTINUED)					
	5	W	24		NO GROSS NECROPSY FINDINGS
	10	W	24		NO GROSS NECROPSY FINDINGS
	11	W	24		NO GROSS NECROPSY FINDINGS
	12	W	24		NO GROSS NECROPSY FINDINGS
B29758					
SP	2	W	24		NO GROSS NECROPSY FINDINGS
	3	W	24		NO GROSS NECROPSY FINDINGS
	4	W	24		NO GROSS NECROPSY FINDINGS
	10	W	24		NO GROSS NECROPSY FINDINGS
	11	W	24		NO GROSS NECROPSY FINDINGS
	12	W	24		NO GROSS NECROPSY FINDINGS
B29759					
SP	2	W	24		NO GROSS NECROPSY FINDINGS
	3	W	24		NO GROSS NECROPSY FINDINGS
	4	W	24		NO GROSS NECROPSY FINDINGS
	9	W	24		NO GROSS NECROPSY FINDINGS
	10	W	24		NO GROSS NECROPSY FINDINGS
	11	W	24		NO GROSS NECROPSY FINDINGS
B29760					
SP	2	W	22		NO GROSS NECROPSY FINDINGS
	4	W	22		NO GROSS NECROPSY FINDINGS
	5	W	22		NO GROSS NECROPSY FINDINGS
	14	W	22		NO GROSS NECROPSY FINDINGS
	15	W	22		NO GROSS NECROPSY FINDINGS
	16	W	22		NO GROSS NECROPSY FINDINGS
B29763					
SP	2	W	24		NO GROSS NECROPSY FINDINGS
	3	W	24		NO GROSS NECROPSY FINDINGS
	4	W	24		NO GROSS NECROPSY FINDINGS
	12	W	24		NO GROSS NECROPSY FINDINGS
	14	W	24		NO GROSS NECROPSY FINDINGS
	16	W	24		NO GROSS NECROPSY FINDINGS
B29764					
SP	2	W	24		NO GROSS NECROPSY FINDINGS
	3	W	24		NO GROSS NECROPSY FINDINGS
	4	W	24		NO GROSS NECROPSY FINDINGS
	9	W	24		NO GROSS NECROPSY FINDINGS
	10	W	24		NO GROSS NECROPSY FINDINGS
	11	W	24		NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 500 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29765	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		6	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
B29766	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		6	D	3	GENERAL O AUTOLYSIS
		12	W	22	NO GROSS NECROPSY FINDINGS
		13	W	22	NO GROSS NECROPSY FINDINGS
		16	D	3	GENERAL O AUTOLYSIS
B29767	SP	1	W	23	NO GROSS NECROPSY FINDINGS
		2	W	23	NO GROSS NECROPSY FINDINGS
		3	W	23	NO GROSS NECROPSY FINDINGS
		7	W	23	NO GROSS NECROPSY FINDINGS
		8	W	23	NO GROSS NECROPSY FINDINGS
		9	W	23	NO GROSS NECROPSY FINDINGS
B29768	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		6	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
B29769	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
B29770	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		5	D	3	NO GROSS NECROPSY FINDINGS
		6	W	22	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 500 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29770 (CONTINUED)					
	11	W	22		NO GROSS NECROPSY FINDINGS
	12	W	22		NO GROSS NECROPSY FINDINGS
	13	W	22		NO GROSS NECROPSY FINDINGS
B29771	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
B29772	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	D	4 GENERAL	O AUTOLYSIS
		5	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
B29774	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		5	W	22	NO GROSS NECROPSY FINDINGS
		6	W	22	NO GROSS NECROPSY FINDINGS
B29775	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 1000 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29776	SP	3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		7	W	24	NO GROSS NECROPSY FINDINGS
		8	W	24	NO GROSS NECROPSY FINDINGS
B29779	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		5	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
B29780	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
		12	D	4	GENERAL O AUTOLYSIS
		13	W	24	NO GROSS NECROPSY FINDINGS
B29781	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
		12	W	24	NO GROSS NECROPSY FINDINGS
B29782	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	D	7	GENERAL O AUTOLYSIS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
B29783	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		8	D	4	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 1000 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29783 (CONTINUED)					
	10	W	24		NO GROSS NECROPSY FINDINGS
	11	W	24		NO GROSS NECROPSY FINDINGS
B29784	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		14	W	22	NO GROSS NECROPSY FINDINGS
		15	W	22	NO GROSS NECROPSY FINDINGS
		16	W	22	NO GROSS NECROPSY FINDINGS
B29785	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
		13	W	22	NO GROSS NECROPSY FINDINGS
B29788	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
B29789	SP	1	D	2 GENERAL	O AUTOLYSIS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		5	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
		12	W	24	NO GROSS NECROPSY FINDINGS
B29790	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		9	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 1000 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
B29791	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
		10	W	22	NO GROSS NECROPSY FINDINGS
B29792	SP	2	W	24	NO GROSS NECROPSY FINDINGS
		3	W	24	NO GROSS NECROPSY FINDINGS
		4	W	24	NO GROSS NECROPSY FINDINGS
		10	W	24	NO GROSS NECROPSY FINDINGS
		11	W	24	NO GROSS NECROPSY FINDINGS
		12	W	24	NO GROSS NECROPSY FINDINGS
B29793	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
B29794	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
B29795	SP	2	W	22	NO GROSS NECROPSY FINDINGS
		3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		7	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS
B29796	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		11	W	22	NO GROSS NECROPSY FINDINGS
		12	W	22	NO GROSS NECROPSY FINDINGS
B29797	SP	3	W	22	NO GROSS NECROPSY FINDINGS
		4	W	22	NO GROSS NECROPSY FINDINGS
		8	W	22	NO GROSS NECROPSY FINDINGS
		9	W	22	NO GROSS NECROPSY FINDINGS

PUP STATUS CODES: W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg

F1 GENERATION
INDIVIDUAL PUP OBSERVATIONS

Dose: 1000 mg/kg/day

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION	
B29799	UPL	2	D	2	NO GROSS NECROPSY FINDINGS	
		6	D	2	NO GROSS NECROPSY FINDINGS	
		7	D	2	NO GROSS NECROPSY FINDINGS	
		8	D	2	NO GROSS NECROPSY FINDINGS	
		10	D	2	NO GROSS NECROPSY FINDINGS	
		12	D	2	NO GROSS NECROPSY FINDINGS	
		15	D	3	GENERAL	O AUTOLYSIS
		16	D	3	GENERAL	O AUTOLYSIS
B29800	SP	2	W	24	NO GROSS NECROPSY FINDINGS	
		3	W	24	NO GROSS NECROPSY FINDINGS	
		4	W	24	NO GROSS NECROPSY FINDINGS	
		8	W	24	NO GROSS NECROPSY FINDINGS	
		9	W	24	NO GROSS NECROPSY FINDINGS	
		10	W	24	NO GROSS NECROPSY FINDINGS	

PUP STATUS CODES: D-DIED W-SACRIFICED AFTER WEANING

SP=Fin sac/Pg UPL=Prem sac/Pg/Lactation

65. F1 generation - seminology

65.1. F1 generation - epididymal sperm motility

F1 GENERATION
EPIDIDYMAL SPERM MOTILITY

Dose-level: 0 mg/kg/day

Animal No.	Proportion of spermatozoa (%)	
	Motile	Non-motile
B29301	100.0	0.0
B29302	0.0	100.0
B29303 (A)	0.0	0.0
B29304	-	-
B29305	100.0	0.0
B29306	100.0	0.0
B29307	0.0	100.0
B29308	100.0	0.0
B29309	100.0	0.0
B29310	100.0	0.0
B29311	100.0	0.0
B29312	100.0	0.0
B29313	100.0	0.0
B29314	97.0	3.0
B29315	100.0	0.0
B29316	52.0	48.0
B29317	90.5	9.5
B29318	99.5	0.5
B29319	97.5	2.5
B29320	100.0	0.0
B29321	93.0	7.0
B29322	100.0	0.0
B29323	100.0	0.0
B29324	100.0	0.0
B29325	100.0	0.0
Mean	84.6	11.3
Sd	34.1	29.1
n	24	24

(-) : dead animal

(A) : small epididymis, little seminal liquid

**F1 GENERATION
EPIDIDYMAL SPERM MOTILITY**

Dose-level: 250 mg/kg/day

Animal No.	Proportion of spermatozoa (%)	
	Motile	Non-motile
B29326	100	0
B29327	100	0
B29328	100	0
B29329	98.5	1.5
B29330	80.5	19.5
B29331	100	0
B29332	100	0
B29333 (A)	0	2.5
B29334	100	0
B29335	100	0
B29336	100	0
B29337	99	1
B29338	100	0
B29339	100	0
B29340	94	6
B29341	12.5	87.5
B29342	99	1
B29343	100	0
B29344	100	0
B29345	97.5	2.5
B29346	99	1
B29347	100	0
B29348	98.5	1.5
B29349	100	0
B29350 (D)	0	0
Mean	87.1	5.0
Sd	31.6	17.7
n	25	25

(A) : small epididymis, little seminal liquid

(D) : small epididymis, little seminal liquid (translucent)

**F1 GENERATION
EPIDIDYMAL SPERM MOTILITY**

Dose-level: 500 mg/kg/day

Animal No.	Proportion of spermatozoa (%)	
	Motile	Non-motile
B29351	100	0
B29352	100	0
B29353	100	0
B29354	100	0
B29355	100	0
B29356	99	1
B29357 (A)	0	0
B29358	100	0
B29359	100	0
B29360	100	0
B29361	98	2
B29362	100	0
B29363	100	0
B29364	100	0
B29365	91	9
B29366	99.5	0.5
B29367	100	0
B29368	54.5	45.5
B29369	100	0
B29370	100	0
B29371	100	0
B29372	100	0
B29373	98	2
B29374	99	1
B29375	-	-
Mean	93.3	2.5
Sd	22.0	9.3
n	24	24

(-) : dead animal

(A) : small epididymis, little seminal liquid

**F1 GENERATION
EPIDIDYMAL SPERM MOTILITY**

Dose-level: 1000 mg/kg/day

Animal No.	Proportion of spermatozoa (%)	
	Motile	Non-motile
B29376	100	0
B29377	100	0
B29378	100	0
B29379	93.5	6.5
B29380	100	0
B29381 (A)	0	0
B29382	100	0
B29383	100	0
B29384	100	0
B29385	100	0
B29386	91	9
B29387	100	0
B29388	36.5	63.5
B29389	92.5	7.5
B29390	100	0
B29391	98.5	1.5
B29392	98	2
B29393	100	0
B29394	99	1
B29395	99	1
B29396	100	0
B29397	100	0
B29398 (D)	0	28
B29399	100	0
B29400	99	1
Mean	88.3	4.8
Sd	29.4	13.6
n	25	25

(A) : small epididymis, little seminal liquid

(D) : small epididymis, little seminal liquid (translucent)

65.2. F1 generation - epididymal sperm count

**F1 GENERATION
EPIDIDYMAL SPERM COUNT**

Dose-level: 0 mg/kg/day

Animal No.	Number of spermatozoa (10 ³ /mm ³ of sperm)
B29301	496
B29302 (B)	
B29303 (B)	
B29304	-
B29305	980
B29306	756
B29307	348
B29308	608
B29309	880
B29310	696
B29311	824
B29312	804
B29313	740
B29314	796
B29315	744
B29316	576
B29317	592
B29318	796
B29319	584
B29320	640
B29321	804
B29322	764
B29323	832
B29324	972
B29325	708
Mean	725
Sd	150
n	22

(-) : dead animal

(B) : small epididymis, not sampled

**F1 GENERATION
EPIDIDYMAL SPERM COUNT**

Dose-level: 250 mg/kg/day

Animal No.	Number of spermatozoa (10 ³ /mm ³ of sperm)
B29326	596
B29327	676
B29328	664
B29329	536
B29330	660
B29331	936
B29332	680
B29333 (B)	
B29334	996
B29335	456
B29336	752
B29337	784
B29338	804
B29339	768
B29340	688
B29341 (C)	384
B29342	624
B29343	712
B29344	756
B29345	836
B29346	692
B29347	628
B29348	828
B29349	684
B29350 (C)	0
Mean	673
Sd	197
n	24

(B) : small epididymis, not sampled

(C) : little seminal liquid

**F1 GENERATION
EPIDIDYMAL SPERM COUNT**

Dose-level: 500 mg/kg/day

Animal No.	Number of spermatozoa (10 ³ /mm ³ of sperm)
B29351	684
B29352	776
B29353	740
B29354	764
B29355	760
B29356	692
B29357	(B)
B29358	576
B29359	616
B29360	720
B29361	648
B29362	800
B29363	792
B29364	716
B29365	460
B29366	668
B29367	816
B29368	(C)
B29369	848
B29370	732
B29371	684
B29372	556
B29373	656
B29374	824
B29375	-
Mean	701
Sd	97
n	23

(-) : dead animal

(B) : small epididymis, not sampled

(C) : little seminal liquid

**F1 GENERATION
EPIDIDYMAL SPERM COUNT**

Dose-level: 1000 mg/kg/day

Animal No.	Number of spermatozoa (10 ³ /mm ³ of sperm)
B29376	748
B29377	684
B29378	644
B29379	800
B29380	624
B29381 (B)	
B29382	776
B29383	636
B29384	564
B29385	508
B29386	760
B29387	800
B29388	732
B29389	748
B29390	672
B29391	648
B29392	680
B29393 (C)	560
B29394	772
B29395	768
B29396	872
B29397	788
B29398 (D)	0
B29399	900
B29400	832
Mean	688
Sd	177
n	24

(B) : small epididymis, not sampled

(C) : little seminal liquid

(D) : small epididymis, little seminal liquid (translucent)

65.3. F1 generation - epididymal sperm morphology

**F1 GENERATION
EPIDIDYMAL SPERM MORPHOLOGY**

Dose-level: 0 mg/kg/day

Animal No.	Normal	Normally shaped head separated from flagellum	Mis-shapen head separated from flagellum	Mis-shapen head with normal flagellum	Mis-shapen head with abnormal flagellum	Degenerative flagellar defect(s) with normal head	Other flagellar defect(s) with normal head
B29301	93	3	0	0	0	1	3
B29302	13	82	3	0	0	2	0
B29303	(A) 8	16	0	0	0	12	0
B29304	-	-	-	-	-	-	-
B29305	96	1	0	3	0	0	0
B29306	98	2	0	0	0	0	0
B29307	4	93	0	3	0	0	0
B29308	86	8	0	0	5	0	1
B29309	98	1	0	0	0	0	1
B29310	92	5	0	2	0	0	1
B29311	99	1	0	0	0	0	0
B29312	92	6	0	2	0	0	0
B29313	97	3	0	0	0	0	0
B29314	96	4	0	0	0	0	0
B29315	99	1	0	0	0	0	0
B29316	96	2	0	2	0	0	0
B29317	91	8	0	1	0	0	0
B29318	92	5	0	2	0	0	1
B29319	100	0	0	0	0	0	0
B29320	96	3	0	0	0	0	1
B29321	94	5	0	1	0	0	0
B29322	98	1	0	1	0	0	0
B29323	95	1	0	3	0	1	0
B29324	94	5	0	1	0	0	0
B29325	96	4	0	0	0	0	0
Mean %	84.3	10.8	0.1	0.9	0.2	0.7	0.3
Sd	29.5	23.9	0.6	1.1	1.0	2.5	0.7
n	24	24	24	24	24	24	24

(-) : dead animal

(A) : small epididymis, little seminal liquid

**F1 GENERATION
EPIDIDYMAL SPERM MORPHOLOGY**

Dose-level: 250 mg/kg/day

Animal number	Normal	Normally shaped head separated from flagellum	Mis-shapen head separated from flagellum	Mis-shapen head with normal flagellum	Mis-shapen head with abnormal flagellum	Degenerative flagellar defect(s) with normal head	Other flagellar defect(s) with normal head
B29326	96	2	0	0	0	0	2
B29327	94	4	0	2	0	0	0
B29328	97	1	0	0	0	2	0
B29329	89	5	0	4	0	0	2
B29330	96	4	0	0	0	0	0
B29331	98	2	0	0	0	0	0
B29332	90	6	0	2	0	0	2
B29333 (A)	0	0	0	0	0	0	0
B29334	90	5	0	4	0	0	1
B29335	99	1	0	0	0	0	0
B29336	95	4	0	1	0	0	0
B29337	90	8	0	2	0	0	0
B29338	96	4	0	0	0	0	0
B29339	97	1	0	0	0	0	2
B29340	99	1	0	0	0	0	0
B29341	47	46	0	6	1	0	0
B29342	93	3	0	3	0	1	0
B29343	98	2	0	0	0	0	0
B29344	99	1	0	0	0	0	0
B29345	97	0	0	3	0	0	0
B29346	95	4	0	0	0	0	1
B29347	98	1	0	1	0	0	0
B29348	97	0	0	3	0	0	0
B29349	96	4	0	0	0	0	0
B29350 (D)	0	0	0	0	0	0	0
Mean %	85.8	4.4	0.0	1.2	0.0	0.1	0.4
Sd	27.7	8.9	0.0	1.7	0.2	0.4	0.8
n	25	25	25	25	25	25	25

(A) : small epididymis, little seminal liquid

(D) : small epididymis, little seminal liquid (translucent)

**F1 GENERATION
EPIDIDYMAL SPERM MORPHOLOGY**

Dose-level: 500 mg/kg/day

Animal number	Normal	Normally shaped head separated from flagellum	Mis-shapen head separated from flagellum	Mis-shapen head with normal flagellum	Mis-shapen head with abnormal flagellum	Degenerative flagellar defect(s) with normal head	Other flagellar defect(s) with normal head
B29351	93	4	0	1	0	0	2
B29352	90	4	0	2	0	2	2
B29353	95	3	0	2	0	0	0
B29354	97	2	0	0	0	0	1
B29355	99	1	0	0	0	0	0
B29356	1	23	0	76	0	0	0
B29357 (A)	0	0	0	0	0	0	0
B29358	91	7	0	2	0	0	0
B29359	93	6	0	1	0	0	0
B29360	92	3	0	5	0	0	0
B29361	98	1	0	0	0	0	1
B29362	96	2	0	1	0	0	1
B29363	95	4	0	1	0	0	0
B29364	96	3	0	1	0	0	0
B29365	99	1	0	0	0	0	0
B29366	97	1	0	0	0	0	2
B29367	99	0	0	1	0	0	0
B29368	67	30	0	1	0	1	1
B29369	89	8	0	3	0	0	0
B29370	99	1	0	0	0	0	0
B29371	91	7	0	0	0	0	2
B29372	97	0	0	0	1	1	1
B29373	96	3	0	0	0	0	1
B29374	99	1	0	0	0	0	0
B29375	-	-	-	-	-	-	-
Mean %	86.2	4.8	0.0	4.0	0.0	0.2	0.6
Sd	27.2	7.1	0.0	15.4	0.2	0.5	0.8
n	24	24	24	24	24	24	24

(-) : dead animal

(A) : small epididymis, little seminal liquid

F1 GENERATION
EPIDIDYMAL SPERM MORPHOLOGY

Dose-level: 1000 mg/kg/day

Animal number	Normal	Normally shaped head separated from flagellum	Mis-shapen head separated from flagellum	Mis-shapen head with normal flagellum	Mis-shapen head with abnormal flagellum	Degenerative flagellar defect(s) with normal head	Other flagellar defect(s) with normal head
B29376	88	5	0	6	0	0	1
B29377	95	4	0	1	0	0	0
B29378	92	4	3	0	0	0	1
B29379	96	2	0	1	0	0	1
B29380	97	2	0	1	0	0	0
B29381	(A) 19	16	0	0	0	2	2
B29382	93	3	4	0	0	0	0
B29383	98	2	0	0	0	0	0
B29384	97	2	0	1	0	0	0
B29385	97	3	0	0	0	0	0
B29386	91	8	0	1	0	0	0
B29387	96	2	0	0	0	0	2
B29388	92	5	0	3	0	0	0
B29389	91	4	0	0	5	0	0
B29390	95	5	0	0	0	0	0
B29391	94	0	0	5	0	0	1
B29392	94	6	0	0	0	0	0
B29393	97	3	0	0	0	0	0
B29394	96	3	0	1	0	0	0
B29395	92	4	0	4	0	0	0
B29396	95	2	0	2	0	0	1
B29397	98	2	0	0	0	0	0
B29398	0	100	0	0	0	0	0
B29399	94	4	0	1	0	0	1
B29400	95	2	0	1	0	0	2
Mean %	87.7	7.7	0.3	1.1	0.2	0.1	0.5
Sd	23.8	19.5	1.0	1.7	1.0	0.4	0.7
n	25	25	25	25	25	25	25

(A) : small epididymis, little seminal liquid

65.4. F1 generation - testicular sperm head count

**F1 GENERATION
TESTICULAR SPERM HEAD COUNT**

Dose-level: 0 mg/kg/day

Animal No.	Number of sperm heads (10 ⁶ /g of testis)	Daily sperm production rate (10 ⁶ /g of testis/day)
B29301	130.1	21.3
B29302 (E)	0.0	0.0
B29303 (E)	0.0	0.0
B29304	-	-
B29305	112.5	18.4
B29306	89.4	14.7
B29307	38.6	6.3
B29308	116.1	19.0
B29309	99.5	16.3
B29310	96.9	15.9
B29311	125.5	20.6
B29312	110.0	18.0
B29313	137.7	22.6
B29314	109.5	18.0
B29315	110.5	18.1
B29316	111.5	18.3
B29317	99.8	16.4
B29318	95.3	15.6
B29319	123.0	20.2
B29320	99.1	16.2
B29321	119.2	19.5
B29322	126.0	20.7
B29323	131.8	21.6
B29324	125.1	20.5
B29325	107.0	17.5
Mean	100.6	16.5
Sd	36.7	6.0
n	24	24

(-) : Dead animal

(E) : Small testis

**F1 GENERATION
TESTICULAR SPERM HEAD COUNT**

Dose-level: 250 mg/kg/day

Animal No.	Number of sperm heads (10 ⁶ /g of testis)	Daily sperm production rate (10 ⁶ /g of testis/day)
B29326	117.1	19.2
B29327	82.8	13.6
B29328	137.7	22.6
B29329	110.0	18.0
B29330	122.3	20.0
B29331	106.0	17.4
B29332	108.2	17.7
B29333 (E)	17.4	2.8
B29334	87.9	14.4
B29335	91.8	15.0
B29336	107.2	17.6
B29337	94.9	15.6
B29338	116.4	19.1
B29339	104.7	17.2
B29340	103.6	17.0
B29341 (F)	47.4	7.8
B29342	126.9	20.8
B29343	97.1	15.9
B29344	109.3	17.9
B29345	101.0	16.6
B29346	119.2	19.5
B29347	102.7	16.8
B29348	98.9	16.2
B29349	133.3	21.8
B29350 (E)	0	0
Mean	97.8	16.0
Sd	32.3	5.3
n	25	25

(E) : Small testis

(F) : Enlarged testis

**F1 GENERATION
TESTICULAR SPERM HEAD COUNT**

Dose-level: 500 mg/kg/day

Animal No.	Number of sperm heads (10 ⁶ /g of testis)	Daily sperm production rate (10 ⁶ /g of testis/day)
B29351	119.6	19.6
B29352	107.2	17.6
B29353	110.6	18.1
B29354	78.6	12.9
B29355	116.4	19.1
B29356	97.1	15.9
B29357 (E)	0.0	0.0
B29358	104.8	17.2
B29359	108.6	17.8
B29360	96.5	15.8
B29361	109.9	18.0
B29362	120.6	19.8
B29363	106.6	17.5
B29364	112.9	18.5
B29365	121.7	19.9
B29366	100.9	16.5
B29367	99.5	16.3
B29368	123.6	20.3
B29369	104.8	17.2
B29370	149.0	24.4
B29371	80.9	13.3
B29372	103.4	17.0
B29373	118.6	19.4
B29374	136.6	22.4
B29375	-	-
Mean	105.3	17.3
Sd	27.2	4.5
n	24	24

(-) : Dead animal

(E) : Small testis

**F1 GENERATION
TESTICULAR SPERM HEAD COUNT**

Dose-level: 1000 mg/kg/day

Animal No.	Number of sperm heads (10 ⁶ /g of testis)	Daily sperm production rate (10 ⁶ /g of testis/day)
B29376	99.1	16.2
B29377	91.8	15.0
B29378	111.3	18.3
B29379	79.7	13.1
B29380	103.1	16.9
B29381 (E)	0.0	0.0
B29382	105.2	17.3
B29383	112.6	18.5
B29384	102.4	16.8
B29385	98.5	16.2
B29386	102.6	16.8
B29387	104.1	17.1
B29388	106.8	17.5
B29389	92.3	15.1
B29390	102.5	16.8
B29391	109.7	18.0
B29392	123.1	20.2
B29393	89.7	14.7
B29394 (E)	219.2	35.9
B29395	114.0	18.7
B29396	125.6	20.6
B29397	106.7	17.5
B29398 (G)	2.9	0.5
B29399	94.5	15.5
B29400	97.4	16.0
Mean	99.8	16.4
Sd	38.9	6.4
n	25	25

(E) : Small testis

(G) : Translucent testis

66. F1 generation - individual organ weights

F1 parents and pups sacrificed at weaning

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS

Explanation of Symbols:

- 0 = Tissue/Organ not weighed
* = Tissue/Organ weighed after fixation

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29301	B29302	B29303	B29304
DAYS ON TEST	:	125	125	125	37
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	24-NOV-03	28-AUG-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/+2

.....
 FINAL BODY WEIGHT G: 557.9000 652.5000 644.6000 -

ADRENAL GLANDS	G:	0.0630	0.0800	0.0860	
	LEFT :	-	-	-	
	RIGHT:	-	-	-	
	% BODY :	0.01129	0.01226	0.01334	
	% BRAIN:	3.159	3.992	4.091	

.....
 PITUITARY GLAND G: 0.0120 0.0130 0.0120
 % BODY : 0.00215 0.00199 0.00186
 % BRAIN: 0.602 0.649 0.571

PROSTATE	G:	1.5310	1.0860	1.6010	
	% BODY :	0.27442	0.16644	0.24837	
	% BRAIN:	76.780	54.192	76.166	

.....
 SEMINAL VESICLES G: 1.7350 1.7230 1.7660
 LEFT : - - -
 RIGHT: - - -
 % BODY : 0.31099 0.26406 0.27397
 % BRAIN: 87.011 85.978 84.015

TESTIS, RIGHT	G:	1.9530	1.6380	1.7130	
	% BODY :	0.35006	0.25103	0.26575	
	% BRAIN:	97.944	81.737	81.494	

.....
 EPIDIDYMIS, RIGHT G: 0.7520 0.7080 0.7240 -
 % BODY : 0.13479 0.10851 0.11232
 % BRAIN: 37.713 35.329 34.443

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29301	B29302	B29303	B29304
.....					
EPIDIDYMISS, LEFT	G:	0.7350	0.5110	0.3200	-
	% BODY :	0.13174	0.07831	0.04964	
	% BRAIN:	36.861	25.499	15.224	
.....					
TESTIS, LEFT	G:	1.8790	1.0980	0.6430	
	% BODY :	0.33680	0.16828	0.09975	
	% BRAIN:	94.233	54.790	30.590	
.....					
BRAIN	G:	1.9940	2.0040	2.1020	
	% BODY :	0.35741	0.30713	0.32609	
.....					
LIVER	G:	16.5870	20.8460	23.1130	
	% BODY :	2.973	3.195	3.586	
	% BRAIN:	831.846	1040.220	1099.572	
.....					
KIDNEYS	G:	3.0000	3.1990	3.5280	
	LEFT :	-	-	-	
	RIGHT:	-	-	-	
	% BODY :	0.53773	0.49027	0.54732	
	% BRAIN:	150.451	159.631	167.840	
.....					
SPLEEN	G:	0.7630	0.8060	0.7930	
	% BODY :	0.13676	0.12352	0.12302	
	% BRAIN:	38.265	40.220	37.726	
.....					
THYROID GLANDS	G:	0.0320	0.0290	0.0390	
	LEFT :	-	-	-	
	RIGHT:	-	-	-	
	% BODY :	0.00574	0.00444	0.00605	
	% BRAIN:	1.605	1.447	1.855	
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29305	B29306	B29307	B29308
DAYS ON TEST	:	124	124	124	124
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	24-NOV-03	24-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	533.6000	656.3000	600.4000	480.8000
.....					
ADRENAL GLANDS	G:	0.0340	0.0600	0.0520	0.0470
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00637	0.00914	0.00866	0.00978
	% BRAIN:	1.672	2.853	2.496	2.314
.....					
PITUITARY GLAND	G:	0.0100	0.0130	0.0080	0.0100
	% BODY :	0.00187	0.00198	0.00133	0.00208
	% BRAIN:	0.492	0.618	0.384	0.492
.....					
PROSTATE	G:	1.0300	1.6670	1.9150	1.1540
	% BODY :	0.19303	0.25400	0.31895	0.24002
	% BRAIN:	50.639	79.268	91.935	56.819
.....					
SEMINAL VESICLES	G:	2.0220	1.7870	1.9600	1.4590
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.37894	0.27228	0.32645	0.30345
	% BRAIN:	99.410	84.974	94.095	71.837
.....					
TESTIS, RIGHT	G:	1.6170	1.7550	1.7830	1.7460
	% BODY :	0.30304	0.26741	0.29697	0.36314
	% BRAIN:	79.499	83.452	85.598	85.968
.....					
EPIDIDYMIS, RIGHT	G:	0.7030	0.7690	0.7550	0.7180
	% BODY :	0.13175	0.11717	0.12575	0.14933
	% BRAIN:	34.562	36.567	36.246	35.352
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29305	B29306	B29307	B29308
.....					
EPIDIDYMIS, LEFT	G:	0.7790	0.7700	0.5640	0.7440
	% BODY :	0.14599	0.11732	0.09394	0.15474
	% BRAIN:	38.299	36.614	27.076	36.632
.....					
TESTIS, LEFT	G:	1.7740	1.8280	2.0990	1.8500
	% BODY :	0.33246	0.27853	0.34960	0.38478
	% BRAIN:	87.217	86.923	100.768	91.088
.....					
BRAIN	G:	2.0340	2.1030	2.0830	2.0310
	% BODY :	0.38118	0.32043	0.34694	0.42242
.....					
LIVER	G:	16.8880	20.6150	20.6830	14.5200
	% BODY :	3.165	3.141	3.445	3.020
	% BRAIN:	830.285	980.266	992.943	714.919
.....					
KIDNEYS	G:	3.3140	3.8350	3.8400	2.5750
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.62106	0.58434	0.63957	0.53557
	% BRAIN:	162.930	182.359	184.349	126.785
.....					
SPLEEN	G:	0.5880	0.9710	0.7350	0.6400
	% BODY :	0.11019	0.14795	0.12242	0.13311
	% BRAIN:	28.909	46.172	35.286	31.512
.....					
THYROID GLANDS	G:	0.0200	0.0370	0.0330	0.0260
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00375	0.00564	0.00550	0.00541
	% BRAIN:	0.983	1.759	1.584	1.280
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29309	B29310	B29311	B29312
DAYS ON TEST	:	123	123	124	124
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	25-NOV-03	25-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	580.9000	646.6000	556.9000	651.7000
.....					
ADRENAL GLANDS	G:	0.0730	0.0580	0.0670	0.0780
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01257	0.00897	0.01203	0.01197
	% BRAIN:	3.630	3.197	3.271	3.448
.....					
PITUITARY GLAND	G:	0.0110	0.0130	0.0130	0.0170
	% BODY :	0.00189	0.00201	0.00233	0.00261
	% BRAIN:	0.547	0.717	0.635	0.752
.....					
PROSTATE	G:	1.5180	1.0440	1.2420	1.5500
	% BODY :	0.26132	0.16146	0.22302	0.23784
	% BRAIN:	75.485	57.552	60.645	68.523
.....					
SEMINAL VESICLES	G:	1.8440	1.3230	1.5160	1.6260
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.31744	0.20461	0.27222	0.24950
	% BRAIN:	91.696	72.933	74.023	71.883
.....					
TESTIS, RIGHT	G:	1.7210	1.8610	1.7930	1.8240
	% BODY :	0.29626	0.28781	0.32196	0.27988
	% BRAIN:	85.579	102.591	87.549	80.637
.....					
EPIDIDYMIS, RIGHT	G:	0.7600	0.7650	0.7660	0.8300
	% BODY :	0.13083	0.11831	0.13755	0.12736
	% BRAIN:	37.792	42.172	37.402	36.693
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29309	B29310	B29311	B29312
.....					
EPIDIDYMIS, LEFT	G:	0.7740	0.7090	0.7290	0.7860
	% BODY :	0.13324	0.10965	0.13090	0.12061
	% BRAIN:	38.488	39.085	35.596	34.748
.....					
TESTIS, LEFT	G:	1.7990	1.8130	1.8030	1.8110
	% BODY :	0.30969	0.28039	0.32376	0.27789
	% BRAIN:	89.458	99.945	88.037	80.062
.....					
BRAIN	G:	2.0110	1.8140	2.0480	2.2620
	% BODY :	0.34619	0.28054	0.36775	0.34709
.....					
LIVER	G:	17.2420	21.1670	16.9720	22.0270
	% BODY :	2.968	3.274	3.048	3.380
	% BRAIN:	857.384	1166.869	828.711	973.784
.....					
KIDNEYS	G:	3.1640	3.3470	3.2200	3.5930
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.54467	0.51763	0.57820	0.55133
	% BRAIN:	157.335	184.509	157.227	158.842
.....					
SPLEEN	G:	0.7950	1.0320	0.6860	0.7940
	% BODY :	0.13686	0.15960	0.12318	0.12184
	% BRAIN:	39.533	56.891	33.496	35.102
.....					
THYROID GLANDS	G:	0.0320	0.0230	0.0280	0.0270
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00551	0.00356	0.00503	0.00414
	% BRAIN:	1.591	1.268	1.367	1.194
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29313	B29314	B29315	B29316
DAYS ON TEST	:	124	124	124	125
DATE OF NECROPSY	:	25-NOV-03	25-NOV-03	25-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	610.1000	615.3000	523.7000	576.7000
.....					
ADRENAL GLANDS	G:	0.0760	0.0600	0.0800	0.0600
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01246	0.00975	0.01528	0.01040
	% BRAIN:	3.510	2.849	3.828	2.899
.....					
PITUITARY GLAND	G:	0.0140	0.0150	0.0120	0.0130
	% BODY :	0.00229	0.00244	0.00229	0.00225
	% BRAIN:	0.647	0.712	0.574	0.628
.....					
PROSTATE	G:	1.2380	1.4800	1.8080	1.4690
	% BODY :	0.20292	0.24053	0.34524	0.25473
	% BRAIN:	57.182	70.275	86.507	70.966
.....					
SEMINAL VESICLES	G:	1.9180	1.6940	1.6080	2.0400
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.31437	0.27531	0.30705	0.35374
	% BRAIN:	88.591	80.437	76.938	98.551
.....					
TESTIS, RIGHT	G:	1.9790	2.1080	1.9280	1.6800
	% BODY :	0.32437	0.34260	0.36815	0.29131
	% BRAIN:	91.409	100.095	92.249	81.159
.....					
EPIDIDYMIS, RIGHT	G:	0.7530	0.8030	0.8300	0.6900
	% BODY :	0.12342	0.13051	0.15849	0.11965
	% BRAIN:	34.781	38.129	39.713	33.333
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29313	B29314	B29315	B29316
.....					
EPIDIDYMIS, LEFT	G:	0.7490	0.7770	0.7920	0.6790
	% BODY :	0.12277	0.12628	0.15123	0.11774
	% BRAIN:	34.596	36.895	37.895	32.802
.....					
TESTIS, LEFT	G:	1.8400	2.1850	1.9860	1.6430
	% BODY :	0.30159	0.35511	0.37922	0.28490
	% BRAIN:	84.988	103.751	95.024	79.372
.....					
BRAIN	G:	2.1650	2.1060	2.0900	2.0700
	% BODY :	0.35486	0.34227	0.39908	0.35894
.....					
LIVER	G:	19.6300	17.1500	16.1570	21.1560
	% BODY :	3.218	2.787	3.085	3.668
	% BRAIN:	906.697	814.340	773.062	1022.029
.....					
KIDNEYS	G:	3.6430	3.4190	3.2200	3.3550
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.59712	0.55566	0.61486	0.58176
	% BRAIN:	168.268	162.346	154.067	162.077
.....					
SPLEEN	G:	0.7550	1.1790	0.6120	0.6940
	% BODY :	0.12375	0.19161	0.11686	0.12034
	% BRAIN:	34.873	55.983	29.282	33.527
.....					
THYROID GLANDS	G:	0.0250	0.0280	0.0210	0.0230
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00410	0.00455	0.00401	0.00399
	% BRAIN:	1.155	1.330	1.005	1.111
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29317	B29318	B29319	B29320
DAYS ON TEST	:	124	124	124	124
DATE OF NECROPSY	:	26-NOV-03	26-NOV-03	26-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	531.8000	605.5000	539.9000	606.6000
.....					
ADRENAL GLANDS	G:	0.0610	0.0780	0.0630	0.0650
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01147	0.01288	0.01167	0.01072
	% BRAIN:	3.156	3.833	3.076	3.177
.....					
PITUITARY GLAND	G:	0.0100	0.0110	0.0100	0.0130
	% BODY :	0.00188	0.00182	0.00185	0.00214
	% BRAIN:	0.517	0.541	0.488	0.635
.....					
PROSTATE	G:	1.3700	1.2970	1.1500	2.3430
	% BODY :	0.25762	0.21420	0.21300	0.38625
	% BRAIN:	70.874	63.735	56.152	114.516
.....					
SEMINAL VESICLES	G:	2.1020	0.9980	1.5000	1.5540
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.39526	0.16482	0.27783	0.25618
	% BRAIN:	108.743	49.042	73.242	75.953
.....					
TESTIS, RIGHT	G:	1.7800	1.7100	1.8410	2.0620
	% BODY :	0.33471	0.28241	0.34099	0.33993
	% BRAIN:	92.085	84.029	89.893	100.782
.....					
EPIDIDYMIS, RIGHT	G:	0.7490	0.7220	0.6980	0.8190
	% BODY :	0.14084	0.11924	0.12928	0.13501
	% BRAIN:	38.748	35.479	34.082	40.029
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29317	B29318	B29319	B29320
.....					
EPIDIDYMIS, LEFT	G:	0.7310	0.7560	0.6890	0.7950
	% BODY :	0.13746	0.12486	0.12762	0.13106
	% BRAIN:	37.817	37.150	33.643	38.856
.....					
TESTIS, LEFT	G:	2.0340	1.7480	1.8070	2.0380
	% BODY :	0.38247	0.28869	0.33469	0.33597
	% BRAIN:	105.225	85.897	88.232	99.609
.....					
BRAIN	G:	1.9330	2.0350	2.0480	2.0460
	% BODY :	0.36348	0.33609	0.37933	0.33729
.....					
LIVER	G:	16.9590	20.5390	17.8650	17.7900
	% BODY :	3.189	3.392	3.309	2.933
	% BRAIN:	877.341	1009.287	872.314	869.501
.....					
KIDNEYS	G:	3.3930	3.9240	2.7990	3.2850
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.63802	0.64806	0.51843	0.54154
	% BRAIN:	175.530	192.826	136.670	160.557
.....					
SPLEEN	G:	0.6110	0.7680	0.7980	0.9880
	% BODY :	0.11489	0.12684	0.14781	0.16288
	% BRAIN:	31.609	37.740	38.965	48.289
.....					
THYROID GLANDS	G:	0.0230	0.0250	0.0220	0.0340
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00432	0.00413	0.00407	0.00561
	% BRAIN:	1.190	1.229	1.074	1.662
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29321	B29322	B29323	B29324
DAYS ON TEST	:	124	123	123	123
DATE OF NECROPSY	:	26-NOV-03	26-NOV-03	26-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	506.2000	626.6000	650.4000	523.6000
.....					
ADRENAL GLANDS	G:	0.0620	0.0620	0.0740	0.0530
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01225	0.00989	0.01138	0.01012
	% BRAIN:	2.978	2.869	3.468	2.574
.....					
PITUITARY GLAND	G:	0.0110	0.0120	0.0150	0.0120
	% BODY :	0.00217	0.00192	0.00231	0.00229
	% BRAIN:	0.528	0.555	0.703	0.583
.....					
PROSTATE	G:	1.8310	1.7300	1.4610	1.4410
	% BODY :	0.36171	0.27609	0.22463	0.27521
	% BRAIN:	87.944	80.056	68.463	69.985
.....					
SEMINAL VESICLES	G:	1.8720	1.3890	2.0790	1.3680
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.36981	0.22167	0.31965	0.26127
	% BRAIN:	89.914	64.276	97.423	66.440
.....					
TESTIS, RIGHT	G:	1.9820	1.8450	1.8730	1.8370
	% BODY :	0.39154	0.29445	0.28798	0.35084
	% BRAIN:	95.197	85.377	87.769	89.218
.....					
EPIDIDYMIS, RIGHT	G:	0.7350	0.8160	0.7650	0.7410
	% BODY :	0.14520	0.13023	0.11762	0.14152
	% BRAIN:	35.303	37.760	35.848	35.988
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29321	B29322	B29323	B29324
.....					
EPIDIDYMIS, LEFT	G:	0.7240	0.7780	0.7680	0.7260
	% BODY :	0.14303	0.12416	0.11808	0.13866
	% BRAIN:	34.774	36.002	35.989	35.260
.....					
TESTIS, LEFT	G:	1.8820	1.8710	1.8080	1.8310
	% BODY :	0.37179	0.29860	0.27798	0.34969
	% BRAIN:	90.394	86.580	84.724	88.927
.....					
BRAIN	G:	2.0820	2.1610	2.1340	2.0590
	% BODY :	0.41130	0.34488	0.32811	0.39324
.....					
LIVER	G:	15.3790	22.5530	20.7530	16.7410
	% BODY :	3.038	3.599	3.191	3.197
	% BRAIN:	738.665	1043.637	972.493	813.065
.....					
KIDNEYS	G:	3.1550	3.7190	3.5790	3.0700
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.62327	0.59352	0.55028	0.58633
	% BRAIN:	151.537	172.096	167.713	149.102
.....					
SPLEEN	G:	0.6810	0.8820	0.8770	0.7960
	% BODY :	0.13453	0.14076	0.13484	0.15202
	% BRAIN:	32.709	40.814	41.097	38.660
.....					
THYROID GLANDS	G:	0.0310	0.0290	0.0290	0.0210
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00612	0.00463	0.00446	0.00401
	% BRAIN:	1.489	1.342	1.359	1.020
.....					

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
SEX : MALE

ANIMAL NUMBER : B29325
DAYS ON TEST : 123
DATE OF NECROPSY : 26-NOV-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

FINAL BODY WEIGHT G: 667.3000
.....

ADRENAL GLANDS G: 0.0570
LEFT : -
RIGHT: -
% BODY : 0.00854
% BRAIN: 2.759
.....

PITUITARY GLAND G: 0.0280
% BODY : 0.00420
% BRAIN: 1.355
.....

PROSTATE G: 1.3450
% BODY : 0.20156
% BRAIN: 65.102
.....

SEMINAL VESICLES G: 2.2410
LEFT : -
RIGHT: -
% BODY : 0.33583
% BRAIN: 108.470
.....

TESTIS, RIGHT G: 2.0910
% BODY : 0.31335
% BRAIN: 101.210
.....

EPIDIDYMIS, RIGHT G: 0.7670
% BODY : 0.11494
% BRAIN: 37.125
.....

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
SEX : MALE

ANIMAL NUMBER : B29325
.....

EPIDIDYMIS, LEFT G: 0.8190
% BODY : 0.12273
% BRAIN: 39.642
.....

TESTIS, LEFT G: 1.9980
% BODY : 0.29942
% BRAIN: 96.709
.....

BRAIN G: 2.0660
% BODY : 0.30961
.....

LIVER G: 20.0510
% BODY : 3.005
% BRAIN: 970.523
.....

KIDNEYS G: 3.8760
LEFT : -
RIGHT: -
% BODY : 0.58085
% BRAIN: 187.609
.....

SPLEEN G: 0.9860
% BODY : 0.14776
% BRAIN: 47.725
.....

THYROID GLANDS G: 0.0330
LEFT : -
RIGHT: -
% BODY : 0.00495
% BRAIN: 1.597
.....

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29701	B29702	B29703	B29704
DAYS ON TEST	:	118	118	104	113
DATE OF NECROPSY	:	17-NOV-03	17-NOV-03	03-NOV-03	12-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	310.0000	340.9000	355.4000	339.9000
.....					
ADRENAL GLANDS	G:	0.0610	0.0780	0.0790	0.0780
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01968	0.02288	0.02223	0.02295
	% BRAIN:	3.273	4.048	4.093	4.063
.....					
PITUITARY GLAND	G:	0.0080	0.0140	0.0130	0.0100
	% BODY :	0.00258	0.00411	0.00366	0.00294
	% BRAIN:	0.429	0.727	0.674	0.521
.....					
OVARIES	G:	0.1400	0.1590	0.1810	0.1910
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04516	0.04664	0.05093	0.05619
	% BRAIN:	7.511	8.251	9.378	9.948
.....					
UTERUS	G:	0.5080	0.8900	0.5480	0.4640
	% BODY :	0.16387	0.26107	0.15419	0.13651
	% BRAIN:	27.253	46.186	28.394	24.167
.....					
BRAIN	G:	1.8640	1.9270	1.9300	1.9200
	% BODY :	0.60129	0.56527	0.54305	0.56487
.....					
LIVER	G:	15.0310	18.8100	12.2860	14.9220
	% BODY :	4.849	5.518	3.457	4.390
	% BRAIN:	806.384	976.129	636.580	777.188
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29701	B29702	B29703	B29704
.....					
KIDNEYS	G:	2.1150	2.3160	1.8840	2.0100
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.68226	0.67938	0.53011	0.59135
	% BRAIN:	113.466	120.187	97.617	104.688
.....					
SPLEEN	G:	0.6750	0.7290	0.6880	0.8150
	% BODY :	0.21774	0.21385	0.19358	0.23978
	% BRAIN:	36.212	37.831	35.648	42.448
.....					
THYROID GLANDS	G:	0.0170	0.0120	0.0120	0.0190
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00548	0.00352	0.00338	0.00559
	% BRAIN:	0.912	0.623	0.622	0.990
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29703
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29705	B29706	B29707	B29708
DAYS ON TEST	:	117	117	96	114
DATE OF NECROPSY	:	17-NOV-03	17-NOV-03	27-OCT-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	316.9000	343.1000	367.5000	282.5000
.....					
ADRENAL GLANDS	G:	0.0550	0.0670	0.1060	0.0600
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01736	0.01953	0.02884	0.02124
	% BRAIN:	2.938	3.408	5.113	3.071
.....					
PITUITARY GLAND	G:	0.0130	0.0150	0.0190	0.0130
	% BODY :	0.00410	0.00437	0.00517	0.00460
	% BRAIN:	0.694	0.763	0.917	0.665
.....					
OVARIES	G:	0.1670	0.1450	0.2280	0.1250
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05270	0.04226	0.06204	0.04425
	% BRAIN:	8.921	7.375	10.999	6.397
.....					
UTERUS	G:	0.4010	0.5830	0.5540	0.5510
	% BODY :	0.12654	0.16992	0.15075	0.19504
	% BRAIN:	21.421	29.654	26.725	28.199
.....					
BRAIN	G:	1.8720	1.9660	2.0730	1.9540
	% BODY :	0.59072	0.57301	0.56408	0.69168
.....					
LIVER	G:	15.8050	15.5950	13.4040	14.4410
	% BODY :	4.987	4.545	3.647	5.112
	% BRAIN:	844.284	793.235	646.599	739.048
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29705	B29706	B29707	B29708
.....					
KIDNEYS	G:	2.1130	2.3070	2.4500	1.9350
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.66677	0.67240	0.66667	0.68496
	% BRAIN:	112.874	117.345	118.186	99.028
.....					
SPLEEN	G:	0.5830	0.7010	0.8070	0.5610
	% BODY :	0.18397	0.20431	0.21959	0.19858
	% BRAIN:	31.143	35.656	38.929	28.710
.....					
THYROID GLANDS	G:	0.0140	0.0180	0.0300	0.0170
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00442	0.00525	0.00816	0.00602
	% BRAIN:	0.748	0.916	1.447	0.870
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29707
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29709	B29710	B29711	B29712
DAYS ON TEST	:	112	112	112	95
DATE OF NECROPSY	:	13-NOV-03	13-NOV-03	13-NOV-03	27-OCT-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	366.2000	346.5000	314.7000	322.2000
.....					
ADRENAL GLANDS	G:	0.0810	0.0860	0.0720	0.1040
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02212	0.02482	0.02288	0.03228
	% BRAIN:	4.038	4.157	3.886	5.285
.....					
PITUITARY GLAND	G:	0.0150	0.0170	0.0150	0.0150
	% BODY :	0.00410	0.00491	0.00477	0.00466
	% BRAIN:	0.748	0.822	0.809	0.762
.....					
OVARIES	G:	0.1420	0.1670	0.1340	0.2180
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.03878	0.04820	0.04258	0.06766
	% BRAIN:	7.079	8.072	7.232	11.077
.....					
UTERUS	G:	0.5280	0.6110	0.4950	0.5700
	% BODY :	0.14418	0.17633	0.15729	0.17691
	% BRAIN:	26.321	29.531	26.713	28.963
.....					
BRAIN	G:	2.0060	2.0690	1.8530	1.9680
	% BODY :	0.54779	0.59711	0.58881	0.61080
.....					
LIVER	G:	18.6250	16.3240	14.4840	11.1820
	% BODY :	5.086	4.711	4.602	3.471
	% BRAIN:	928.465	788.980	781.651	568.191
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29709	B29710	B29711	B29712
.....					
KIDNEYS	G:	2.4130	2.5000	2.0650	2.1100
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.65893	0.72150	0.65618	0.65487
	% BRAIN:	120.289	120.831	111.441	107.215
.....					
SPLEEN	G:	0.8170	0.7260	0.6570	0.6000
	% BODY :	0.22310	0.20952	0.20877	0.18622
	% BRAIN:	40.728	35.089	35.456	30.488
.....					
THYROID GLANDS	G:	0.0160	0.0180	0.0180	0.0230
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00437	0.00519	0.00572	0.00714
	% BRAIN:	0.798	0.870	0.971	1.169
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29712
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29713	B29714	B29715	B29716
DAYS ON TEST	:	116	120	117	116
DATE OF NECROPSY	:	17-NOV-03	21-NOV-03	18-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	317.3000	345.3000	302.4000	310.4000
.....					
ADRENAL GLANDS	G:	0.0760	0.0710	0.0720	0.0570
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02395	0.02056	0.02381	0.01836
	% BRAIN:	3.808	3.472	3.698	2.877
.....					
PITUITARY GLAND	G:	0.0130	0.0120	0.0200	0.0140
	% BODY :	0.00410	0.00348	0.00661	0.00451
	% BRAIN:	0.651	0.587	1.027	0.707
.....					
OVARIES	G:	0.1530	0.1570	0.2050	0.1660
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04822	0.04547	0.06779	0.05348
	% BRAIN:	7.665	7.677	10.529	8.380
.....					
UTERUS	G:	0.6580	0.4380	0.6380	0.5770
	% BODY :	0.20737	0.12685	0.21098	0.18589
	% BRAIN:	32.966	21.418	32.768	29.127
.....					
BRAIN	G:	1.9960	2.0450	1.9470	1.9810
	% BODY :	0.62906	0.59224	0.64385	0.63821
.....					
LIVER	G:	13.5060	15.1830	12.3870	16.1480
	% BODY :	4.257	4.397	4.096	5.202
	% BRAIN:	676.653	742.445	636.210	815.144
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29713	B29714	B29715	B29716
.....					
KIDNEYS	G:	2.0220	2.3760	2.2130	2.2840
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.63725	0.68810	0.73181	0.73582
	% BRAIN:	101.303	116.186	113.662	115.295
.....					
SPLEEN	G:	0.6010	0.5950	0.6210	0.6260
	% BODY :	0.18941	0.17231	0.20536	0.20168
	% BRAIN:	30.110	29.095	31.895	31.600
.....					
THYROID GLANDS	G:	0.0170	0.0250	0.0260	0.0210
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00536	0.00724	0.00860	0.00677
	% BRAIN:	0.852	1.222	1.335	1.060
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29717	B29718	B29719	B29720
DAYS ON TEST	:	116	110	112	89
DATE OF NECROPSY	:	18-NOV-03	12-NOV-03	14-NOV-03	22-OCT-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	305.2000	333.5000	365.3000	302.2000
.....					
ADRENAL GLANDS	G:	0.0660	0.0700	0.0670	0.0520
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02163	0.02099	0.01834	0.01721
	% BRAIN:	3.681	3.343	3.153	2.629
.....					
PITUITARY GLAND	G:	0.0140	0.0130	0.0150	0.0120
	% BODY :	0.00459	0.00390	0.00411	0.00397
	% BRAIN:	0.781	0.621	0.706	0.607
.....					
OVARIES	G:	0.1860	0.1690	0.1250	0.1330
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.06094	0.05067	0.03422	0.04401
	% BRAIN:	10.374	8.071	5.882	6.724
.....					
UTERUS	G:	0.7230	0.5250	0.4110	1.7970
	% BODY :	0.23689	0.15742	0.11251	0.59464
	% BRAIN:	40.323	25.072	19.341	90.849
.....					
BRAIN	G:	1.7930	2.0940	2.1250	1.9780
	% BODY :	0.58748	0.62789	0.58171	0.65453
.....					
LIVER	G:	12.1490	15.2250	16.6790	13.2710
	% BODY :	3.981	4.565	4.566	4.391
	% BRAIN:	677.579	727.077	784.894	670.930
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29717	B29718	B29719	B29720
.....					
KIDNEYS	G:	2.1250	2.2770	2.4740	2.3590
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.69626	0.68276	0.67725	0.78061
	% BRAIN:	118.516	108.739	116.424	119.262
.....					
SPLEEN	G:	0.6390	0.8110	0.6670	0.8340
	% BODY :	0.20937	0.24318	0.18259	0.27598
	% BRAIN:	35.639	38.730	31.388	42.164
.....					
THYROID GLANDS	G:	0.0210	0.0120	0.0170	0.0180
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00688	0.00360	0.00465	0.00596
	% BRAIN:	1.171	0.573	0.800	0.910
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29720
 * UTERUS
 FEMALE NOT MATED, CONSEQUENTLY EXCLUDED

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29721	B29722	B29723	B29724
DAYS ON TEST	:	112	111	111	114
DATE OF NECROPSY	:	14-NOV-03	14-NOV-03	14-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	295.4000	337.3000	285.3000	300.0000
.....					
ADRENAL GLANDS	G:	0.0720	0.0640	0.0640	0.0670
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02437	0.01897	0.02243	0.02233
	% BRAIN:	3.764	3.279	3.302	3.488
.....					
PITUITARY GLAND	G:	0.0130	0.0130	0.0130	0.0100
	% BODY :	0.00440	0.00385	0.00456	0.00333
	% BRAIN:	0.680	0.666	0.671	0.521
.....					
OVARIES	G:	0.1650	0.1410	0.1520	0.1610
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05586	0.04180	0.05328	0.05367
	% BRAIN:	8.625	7.223	7.843	8.381
.....					
UTERUS	G:	0.4770	0.8180	0.4250	0.4550
	% BODY :	0.16148	0.24251	0.14897	0.15167
	% BRAIN:	24.935	41.906	21.930	23.686
.....					
BRAIN	G:	1.9130	1.9520	1.9380	1.9210
	% BODY :	0.64760	0.57871	0.67928	0.64033
.....					
LIVER	G:	13.9190	15.7850	14.7470	16.6860
	% BODY :	4.712	4.680	5.169	5.562
	% BRAIN:	727.601	808.658	760.939	868.610
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29721	B29722	B29723	B29724
.....					
KIDNEYS	G:	2.2270	2.5070	2.3970	2.2540
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.75389	0.74326	0.84017	0.75133
	% BRAIN:	116.414	128.432	123.684	117.335
.....					
SPLEEN	G:	0.6800	0.7670	0.6470	0.6150
	% BODY :	0.23020	0.22739	0.22678	0.20500
	% BRAIN:	35.546	39.293	33.385	32.015
.....					
THYROID GLANDS	G:	0.0170	0.0220	0.0200	0.0190
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00575	0.00652	0.00701	0.00633
	% BRAIN:	0.889	1.127	1.032	0.989
.....					

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
SEX : FEMALE

ANIMAL NUMBER : B29725
DAYS ON TEST : 114
DATE OF NECROPSY : 17-NOV-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

FINAL BODY WEIGHT G: 324.6000
.....

ADRENAL GLANDS G: 0.0660
LEFT : -
RIGHT: -
% BODY : 0.02033
% BRAIN: 3.612
.....

PITUITARY GLAND G: 0.0140
% BODY : 0.00431
% BRAIN: 0.766
.....

OVARIES G: 0.1780
LEFT : -
RIGHT: -
% BODY : 0.05484
% BRAIN: 9.743
.....

UTERUS G: 0.5290
% BODY : 0.16297
% BRAIN: 28.955
.....

BRAIN G: 1.8270
% BODY : 0.56285
.....

LIVER G: 14.7740
% BODY : 4.551
% BRAIN: 808.648
.....

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 1, 0mg/kg/d.F1
SEX : FEMALE

ANIMAL NUMBER : B29725
.....

KIDNEYS G: 2.3400
LEFT : -
RIGHT: -
% BODY : 0.72089
% BRAIN: 128.079
.....

SPLEEN G: 0.7960
% BODY : 0.24522
% BRAIN: 43.569
.....

THYROID GLANDS G: 0.0200
LEFT : -
RIGHT: -
% BODY : 0.00616
% BRAIN: 1.095
.....

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29326	B29327	B29328	B29329
DAYS ON TEST	:	125	125	125	125
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	24-NOV-03	24-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	634.2000	529.2000	576.8000	539.5000
.....					
ADRENAL GLANDS	G:	0.0570	0.0480	0.0620	0.0610
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00899	0.00907	0.01075	0.01131
	% BRAIN:	2.719	2.245	2.735	2.951
.....					
PITUITARY GLAND	G:	0.0110	0.0120	0.0160	0.0140
	% BODY :	0.00173	0.00227	0.00277	0.00259
	% BRAIN:	0.525	0.561	0.706	0.677
.....					
PROSTATE	G:	1.6090	1.7210	1.4250	1.0140
	% BODY :	0.25371	0.32521	0.24705	0.18795
	% BRAIN:	76.765	80.496	62.858	49.057
.....					
SEMINAL VESICLES	G:	2.3280	1.9780	2.0150	1.8800
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.36708	0.37377	0.34934	0.34847
	% BRAIN:	111.069	92.516	88.884	90.953
.....					
TESTIS, RIGHT	G:	1.8670	1.6790	1.7530	1.9030
	% BODY :	0.29439	0.31727	0.30392	0.35273
	% BRAIN:	89.074	78.531	77.327	92.066
.....					
EPIDIDYMIS, RIGHT	G:	0.7890	0.7130	0.7270	0.7260
	% BODY :	0.12441	0.13473	0.12604	0.13457
	% BRAIN:	37.643	33.349	32.069	35.123
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29326	B29327	B29328	B29329
.....					
EPIDIDYMIS, LEFT	G:	0.7930	0.7030	0.7170	0.7090
	% BODY :	0.12504	0.13284	0.12431	0.13142
	% BRAIN:	37.834	32.881	31.628	34.301
.....					
TESTIS, LEFT	G:	1.8310	1.5760	1.7230	1.9240
	% BODY :	0.28871	0.29781	0.29872	0.35663
	% BRAIN:	87.357	73.714	76.004	93.082
.....					
BRAIN	G:	2.0960	2.1380	2.2670	2.0670
	% BODY :	0.33050	0.40401	0.39303	0.38313
.....					
LIVER	G:	19.6990	16.4400	17.8770	21.4050
	% BODY :	3.106	3.107	3.099	3.968
	% BRAIN:	939.838	768.943	788.575	1035.559
.....					
KIDNEYS	G:	3.5940	3.2430	3.4440	3.2670
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.56670	0.61281	0.59709	0.60556
	% BRAIN:	171.469	151.684	151.919	158.055
.....					
SPLEEN	G:	0.7880	0.6780	0.8320	0.6940
	% BODY :	0.12425	0.12812	0.14424	0.12864
	% BRAIN:	37.595	31.712	36.700	33.575
.....					
THYROID GLANDS	G:	0.0290	0.0250	0.0360	0.0320
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00457	0.00472	0.00624	0.00593
	% BRAIN:	1.384	1.169	1.588	1.548
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29330	B29331	B29332	B29333
DAYS ON TEST	:	125	125	125	124
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	24-NOV-03	24-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	511.3000	643.5000	600.4000	545.4000
.....					
ADRENAL GLANDS	G:	0.0570	0.0570	0.0620	0.0860
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01115	0.00886	0.01033	0.01577
	% BRAIN:	2.733	2.766	3.152	3.931
.....					
PITUITARY GLAND	G:	0.0140	0.0120	0.0110	0.0190
	% BODY :	0.00274	0.00186	0.00183	0.00348
	% BRAIN:	0.671	0.582	0.559	0.868
.....					
PROSTATE	G:	1.7030	1.8030	1.3870	1.4750
	% BODY :	0.33307	0.28019	0.23101	0.27044
	% BRAIN:	81.640	87.482	70.513	67.413
.....					
SEMINAL VESICLES	G:	1.8320	1.5850	1.7970	1.8070
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.35830	0.24631	0.29930	0.33132
	% BRAIN:	87.824	76.904	91.357	82.587
.....					
TESTIS, RIGHT	G:	1.8110	1.9530	1.7440	0.9980
	% BODY :	0.35420	0.30350	0.29047	0.18298
	% BRAIN:	86.817	94.760	88.663	45.612
.....					
EPIDIDYMIS, RIGHT	G:	0.7420	0.8000	0.8080	0.3330
	% BODY :	0.14512	0.12432	0.13458	0.06106
	% BRAIN:	35.570	38.816	41.078	15.219
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29330	B29331	B29332	B29333
.....					
EPIDIDYMIS, LEFT	G:	0.6880	0.7360	0.6720	0.3200
	% BODY :	0.13456	0.11437	0.11193	0.05867
	% BRAIN:	32.982	35.711	34.164	14.625
.....					
TESTIS, LEFT	G:	1.7400	1.9370	1.7750	0.9410
	% BODY :	0.34031	0.30101	0.29564	0.17253
	% BRAIN:	83.413	93.984	90.239	43.007
.....					
BRAIN	G:	2.0860	2.0610	1.9670	2.1880
	% BODY :	0.40798	0.32028	0.32761	0.40117
.....					
LIVER	G:	15.5880	20.7040	20.4260	17.3750
	% BODY :	3.049	3.217	3.402	3.186
	% BRAIN:	747.267	1004.561	1038.434	794.104
.....					
KIDNEYS	G:	3.2090	3.6890	3.7820	3.2760
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.62762	0.57327	0.62991	0.60066
	% BRAIN:	153.835	178.991	192.272	149.726
.....					
SPLEEN	G:	0.5900	0.7510	0.7840	0.8480
	% BODY :	0.11539	0.11671	0.13058	0.15548
	% BRAIN:	28.284	36.439	39.858	38.757
.....					
THYROID GLANDS	G:	0.0260	0.0320	0.0320	0.0230
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00509	0.00497	0.00533	0.00422
	% BRAIN:	1.246	1.553	1.627	1.051
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29334	B29335	B29336	B29337
DAYS ON TEST	:	124	124	125	125
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	25-NOV-03	25-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	604.6000	571.3000	583.4000	634.5000
.....					
ADRENAL GLANDS	G:	0.0520	0.0550	0.0570	0.0580
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00860	0.00963	0.00977	0.00914
	% BRAIN:	2.328	2.679	2.594	2.632
.....					
PITUITARY GLAND	G:	0.0130	0.0150	0.0120	0.0160
	% BODY :	0.00215	0.00263	0.00206	0.00252
	% BRAIN:	0.582	0.731	0.546	0.726
.....					
PROSTATE	G:	1.5810	1.2970	1.2950	1.5620
	% BODY :	0.26150	0.22703	0.22197	0.24618
	% BRAIN:	70.770	63.176	58.944	70.871
.....					
SEMINAL VESICLES	G:	2.0210	2.0970	2.0950	1.8930
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.33427	0.36706	0.35910	0.29835
	% BRAIN:	90.466	102.143	95.357	85.889
.....					
TESTIS, RIGHT	G:	1.8990	2.0030	1.9420	2.0480
	% BODY :	0.31409	0.35060	0.33288	0.32277
	% BRAIN:	85.004	97.565	88.393	92.922
.....					
EPIDIDYMIS, RIGHT	G:	0.7720	0.7030	0.7720	0.7900
	% BODY :	0.12769	0.12305	0.13233	0.12451
	% BRAIN:	34.557	34.243	35.139	35.844
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29334	B29335	B29336	B29337
.....					
EPIDIDYMIS, LEFT	G:	0.7100	0.7650	0.8040	0.7660
	% BODY :	0.11743	0.13391	0.13781	0.12072
	% BRAIN:	31.782	37.263	36.595	34.755
.....					
TESTIS, LEFT	G:	1.8790	1.9140	1.9570	1.9890
	% BODY :	0.31078	0.33503	0.33545	0.31348
	% BRAIN:	84.109	93.229	89.076	90.245
.....					
BRAIN	G:	2.2340	2.0530	2.1970	2.2040
	% BODY :	0.36950	0.35936	0.37659	0.34736
.....					
LIVER	G:	16.8300	18.6020	17.0600	22.1490
	% BODY :	2.784	3.256	2.924	3.491
	% BRAIN:	753.357	906.089	776.513	1004.946
.....					
KIDNEYS	G:	3.8850	4.0410	3.6970	4.5540
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.64257	0.70733	0.63370	0.71773
	% BRAIN:	173.903	196.834	168.275	206.624
.....					
SPLEEN	G:	0.7640	0.8190	0.8260	0.8890
	% BODY :	0.12636	0.14336	0.14158	0.14011
	% BRAIN:	34.199	39.893	37.597	40.336
.....					
THYROID GLANDS	G:	0.0300	0.0250	0.0190	0.0280
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00496	0.00438	0.00326	0.00441
	% BRAIN:	1.343	1.218	0.865	1.270
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29338	B29339	B29340	B29341
DAYS ON TEST	:	125	125	124	125
DATE OF NECROPSY	:	25-NOV-03	25-NOV-03	25-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	677.0000	525.7000	579.8000	582.1000
.....					
ADRENAL GLANDS	G:	0.0520	0.0560	0.0670	0.0520
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00768	0.01065	0.01156	0.00893
	% BRAIN:	2.273	2.695	3.082	2.447
.....					
PITUITARY GLAND	G:	0.0170	0.0120	0.0180	0.0100
	% BODY :	0.00251	0.00228	0.00310	0.00172
	% BRAIN:	0.743	0.577	0.828	0.471
.....					
PROSTATE	G:	1.2010	1.2530	1.2120	1.3930
	% BODY :	0.17740	0.23835	0.20904	0.23931
	% BRAIN:	52.491	60.298	55.750	65.553
.....					
SEMINAL VESICLES	G:	1.8690	1.5440	1.5090	1.9480
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.27607	0.29370	0.26026	0.33465
	% BRAIN:	81.687	74.302	69.411	91.671
.....					
TESTIS, RIGHT	G:	1.8200	1.5780	1.4930	1.8540
	% BODY :	0.26883	0.30017	0.25750	0.31850
	% BRAIN:	79.545	75.938	68.675	87.247
.....					
EPIDIDYMIS, RIGHT	G:	0.8420	0.7130	0.3270	0.7250
	% BODY :	0.12437	0.13563	0.05640	0.12455
	% BRAIN:	36.801	34.312	15.041	34.118
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29338	B29339	B29340	B29341
.....					
EPIDIDYMISS, LEFT	G:	0.8150	0.6890	0.6730	0.5830
	% BODY :	0.12038	0.13106	0.11607	0.10015
	% BRAIN:	35.621	33.157	30.957	27.435
.....					
TESTIS, LEFT	G:	1.7620	1.6160	1.9160	2.8170
	% BODY :	0.26027	0.30740	0.33046	0.48394
	% BRAIN:	77.010	77.767	88.132	132.565
.....					
BRAIN	G:	2.2880	2.0780	2.1740	2.1250
	% BODY :	0.33796	0.39528	0.37496	0.36506
.....					
LIVER	G:	22.9360	16.1330	18.4780	18.9030
	% BODY :	3.388	3.069	3.187	3.247
	% BRAIN:	1002.448	776.372	849.954	889.553
.....					
KIDNEYS	G:	4.7810	3.2920	3.6460	3.6310
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.70620	0.62621	0.62884	0.62378
	% BRAIN:	208.960	158.422	167.709	170.871
.....					
SPLEEN	G:	0.8690	0.6850	0.8540	0.8280
	% BODY :	0.12836	0.13030	0.14729	0.14224
	% BRAIN:	37.981	32.964	39.282	38.965
.....					
THYROID GLANDS	G:	0.0280	0.0300	0.0230	0.0290
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00414	0.00571	0.00397	0.00498
	% BRAIN:	1.224	1.444	1.058	1.365
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29342	B29343	B29344	B29345
DAYS ON TEST	:	125	125	125	125
DATE OF NECROPSY	:	26-NOV-03	26-NOV-03	26-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	641.0000	613.7000	511.7000	541.2000
.....					
ADRENAL GLANDS	G:	0.0660	0.0550	0.0460	0.0690
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01030	0.00896	0.00899	0.01275
	% BRAIN:	3.245	2.540	2.188	3.169
.....					
PITUITARY GLAND	G:	0.0130	0.0100	0.0110	0.0180
	% BODY :	0.00203	0.00163	0.00215	0.00333
	% BRAIN:	0.639	0.462	0.523	0.827
.....					
PROSTATE	G:	1.3390	1.4760	1.6670	1.3460
	% BODY :	0.20889	0.24051	0.32578	0.24871
	% BRAIN:	65.831	68.176	79.305	61.828
.....					
SEMINAL VESICLES	G:	1.8380	1.9840	1.6710	1.8860
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.28674	0.32328	0.32656	0.34848
	% BRAIN:	90.364	91.640	79.496	86.633
.....					
TESTIS, RIGHT	G:	1.7170	1.9060	1.6930	2.1890
	% BODY :	0.26786	0.31058	0.33086	0.40447
	% BRAIN:	84.415	88.037	80.542	100.551
.....					
EPIDIDYMIS, RIGHT	G:	0.7870	0.7710	0.7210	0.7390
	% BODY :	0.12278	0.12563	0.14090	0.13655
	% BRAIN:	38.692	35.612	34.301	33.946
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29342	B29343	B29344	B29345
.....					
EPIDIDYMIS, LEFT	G:	0.7030	0.8070	0.7260	0.7600
	% BODY :	0.10967	0.13150	0.14188	0.14043
	% BRAIN:	34.562	37.275	34.539	34.910
.....					
TESTIS, LEFT	G:	1.6870	1.8580	1.7240	2.0370
	% BODY :	0.26318	0.30275	0.33692	0.37639
	% BRAIN:	82.940	85.820	82.017	93.569
.....					
BRAIN	G:	2.0340	2.1650	2.1020	2.1770
	% BODY :	0.31732	0.35278	0.41079	0.40225
.....					
LIVER	G:	21.5720	20.6420	14.9910	18.1910
	% BODY :	3.365	3.364	2.930	3.361
	% BRAIN:	1060.570	953.441	713.178	835.599
.....					
KIDNEYS	G:	4.0970	4.2390	3.1750	3.8900
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.63916	0.69073	0.62048	0.71877
	% BRAIN:	201.426	195.797	151.047	178.686
.....					
SPLEEN	G:	0.8980	0.7320	0.8160	0.8620
	% BODY :	0.14009	0.11928	0.15947	0.15928
	% BRAIN:	44.149	33.811	38.820	39.596
.....					
THYROID GLANDS	G:	0.0320	0.0320	0.0250	0.0290
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00499	0.00521	0.00489	0.00536
	% BRAIN:	1.573	1.478	1.189	1.332
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29346	B29347	B29348	B29349
DAYS ON TEST	:	124	124	123	123
DATE OF NECROPSY	:	26-NOV-03	26-NOV-03	26-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	660.4000	561.2000	653.5000	622.7000
.....					
ADRENAL GLANDS	G:	0.0620	0.0600	0.0850	0.0630
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00939	0.01069	0.01301	0.01012
	% BRAIN:	2.945	3.050	3.661	2.918
.....					
PITUITARY GLAND	G:	0.0110	0.0130	0.0200	0.0120
	% BODY :	0.00167	0.00232	0.00306	0.00193
	% BRAIN:	0.523	0.661	0.861	0.556
.....					
PROSTATE	G:	1.9350	1.0950	2.0080	1.5840
	% BODY :	0.29300	0.19512	0.30727	0.25438
	% BRAIN:	91.924	55.669	86.477	73.367
.....					
SEMINAL VESICLES	G:	1.6130	1.8530	4.4700	1.4130
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.24425	0.33019	0.68401	0.22692
	% BRAIN:	76.627	94.204	192.506	65.447
.....					
TESTIS, RIGHT	G:	1.7690	1.7280	1.9720	1.7800
	% BODY :	0.26787	0.30791	0.30176	0.28585
	% BRAIN:	84.038	87.850	84.927	82.446
.....					
EPIDIDYMIS, RIGHT	G:	0.7170	0.7860	0.7710	0.7440
	% BODY :	0.10857	0.14006	0.11798	0.11948
	% BRAIN:	34.062	39.959	33.204	34.460
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29346	B29347	B29348	B29349
.....					
EPIDIDYMIS, LEFT	G:	0.6830	0.7280	0.7610	0.7680
	% BODY :	0.10342	0.12972	0.11645	0.12333
	% BRAIN:	32.447	37.011	32.773	35.572
.....					
TESTIS, LEFT	G:	1.7560	1.5840	2.0340	1.7760
	% BODY :	0.26590	0.28225	0.31125	0.28521
	% BRAIN:	83.420	80.529	87.597	82.260
.....					
BRAIN	G:	2.1050	1.9670	2.3220	2.1590
	% BODY :	0.31875	0.35050	0.35532	0.34672
.....					
LIVER	G:	22.4150	15.6220	20.9100	19.9700
	% BODY :	3.394	2.784	3.200	3.207
	% BRAIN:	1064.846	794.204	900.517	924.965
.....					
KIDNEYS	G:	4.4370	3.6350	4.0770	3.4780
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.67187	0.64772	0.62387	0.55854
	% BRAIN:	210.784	184.799	175.581	161.093
.....					
SPLEEN	G:	0.9000	0.7390	0.8580	0.8310
	% BODY :	0.13628	0.13168	0.13129	0.13345
	% BRAIN:	42.755	37.570	36.951	38.490
.....					
THYROID GLANDS	G:	0.0310	0.0230	0.0250	0.0250
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00469	0.00410	0.00383	0.00401
	% BRAIN:	1.473	1.169	1.077	1.158
.....					

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
SEX : MALE

ANIMAL NUMBER : B29350
DAYS ON TEST : 123
DATE OF NECROPSY : 26-NOV-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

FINAL BODY WEIGHT G: 561.9000
.....

ADRENAL GLANDS G: 0.0610
LEFT : -
RIGHT: -
% BODY : 0.01086
% BRAIN: 3.107
.....

PITUITARY GLAND G: 0.0160
% BODY : 0.00285
% BRAIN: 0.815
.....

PROSTATE G: 1.6110
% BODY : 0.28671
% BRAIN: 82.068
.....

SEMINAL VESICLES G: 1.6390
LEFT : -
RIGHT: -
% BODY : 0.29169
% BRAIN: 83.495
.....

TESTIS, RIGHT G: 0.5310
% BODY : 0.09450
% BRAIN: 27.050
.....

EPIDIDYMIS, RIGHT G: 0.3100
% BODY : 0.05517
% BRAIN: 15.792
.....

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
SEX : MALE

ANIMAL NUMBER : B29350
.....

EPIDIDYMIS, LEFT G: 0.3300
% BODY : 0.05873
% BRAIN: 16.811
.....

TESTIS, LEFT G: 0.5820
% BODY : 0.10358
% BRAIN: 29.648
.....

BRAIN G: 1.9630
% BODY : 0.34935
.....

LIVER G: 18.4700
% BODY : 3.287
% BRAIN: 940.907
.....

KIDNEYS G: 3.2080
LEFT : -
RIGHT: -
% BODY : 0.57092
% BRAIN: 163.423
.....

SPLEEN G: 0.9290
% BODY : 0.16533
% BRAIN: 47.326
.....

THYROID GLANDS G: 0.0340
LEFT : -
RIGHT: -
% BODY : 0.00605
% BRAIN: 1.732
.....

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29726	B29727	B29728	B29729
DAYS ON TEST	:	118	119	115	113
DATE OF NECROPSY	:	17-NOV-03	18-NOV-03	14-NOV-03	12-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	332.5000	284.1000	308.0000	300.4000
.....					
ADRENAL GLANDS	G:	0.1000	0.0620	0.0610	0.0580
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.03008	0.02182	0.01981	0.01931
	% BRAIN:	5.030	3.326	2.953	2.926
.....					
PITUITARY GLAND	G:	0.0150	0.0150	0.0120	0.0150
	% BODY :	0.00451	0.00528	0.00390	0.00499
	% BRAIN:	0.755	0.805	0.581	0.757
.....					
OVARIES	G:	0.2240	0.1500	0.1450	0.1470
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.06737	0.05280	0.04708	0.04893
	% BRAIN:	11.268	8.047	7.018	7.417
.....					
UTERUS	G:	0.5490	0.7680	0.4390	0.4690
	% BODY :	0.16511	0.27033	0.14253	0.15613
	% BRAIN:	27.616	41.202	21.249	23.663
.....					
BRAIN	G:	1.9880	1.8640	2.0660	1.9820
	% BODY :	0.59789	0.65611	0.67078	0.65979
.....					
LIVER	G:	15.4300	12.3630	14.5080	15.0300
	% BODY :	4.641	4.352	4.710	5.003
	% BRAIN:	776.157	663.251	702.227	758.325
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29726	B29727	B29728	B29729
.....					
KIDNEYS	G:	2.6700	2.5430	2.0900	2.1580
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.80301	0.89511	0.67857	0.71838
	% BRAIN:	134.306	136.427	101.162	108.880
.....					
SPLEEN	G:	0.7010	0.5450	0.5470	0.4370
	% BODY :	0.21083	0.19183	0.17760	0.14547
	% BRAIN:	35.262	29.238	26.476	22.048
.....					
THYROID GLANDS	G:	0.0200	0.0170	0.0190	0.0190
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00602	0.00598	0.00617	0.00632
	% BRAIN:	1.006	0.912	0.920	0.959
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29730	B29731	B29732	B29733
DAYS ON TEST	:	97	114	125	114
DATE OF NECROPSY	:	27-OCT-03	13-NOV-03	24-NOV-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	274.2000	323.7000	324.3000	319.1000
.....					
ADRENAL GLANDS	G:	0.0770	0.0650	0.0560	0.0690
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02808	0.02008	0.01727	0.02162
	% BRAIN:	4.034	3.276	2.897	3.618
.....					
PITUITARY GLAND	G:	0.0080	0.0070	0.0130	0.0100
	% BODY :	0.00292	0.00216	0.00401	0.00313
	% BRAIN:	0.419	0.353	0.673	0.524
.....					
OVARIES	G:	0.2200	0.1500	0.1440	0.1510
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.08023	0.04634	0.04440	0.04732
	% BRAIN:	11.524	7.560	7.450	7.918
.....					
UTERUS	G:	0.4280	0.5790	0.4670	0.4920
	% BODY :	0.15609	0.17887	0.14400	0.15418
	% BRAIN:	22.420	29.183	24.159	25.800
.....					
BRAIN	G:	1.9090	1.9840	1.9330	1.9070
	% BODY :	0.69621	0.61291	0.59605	0.59762
.....					
LIVER	G:	9.3030	15.4160	15.4240	15.0580
	% BODY :	3.393	4.762	4.756	4.719
	% BRAIN:	487.323	777.016	797.931	789.617
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29730	B29731	B29732	B29733
.....					
KIDNEYS	G:	1.7160	2.3490	2.1090	1.9780
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.62582	0.72567	0.65032	0.61987
	% BRAIN:	89.890	118.397	109.105	103.723
.....					
SPLEEN	G:	0.5970	0.6360	0.6280	0.5870
	% BODY :	0.21772	0.19648	0.19365	0.18395
	% BRAIN:	31.273	32.056	32.488	30.781
.....					
THYROID GLANDS	G:	0.0260	0.0200	0.0250	0.0220
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00948	0.00618	0.00771	0.00689
	% BRAIN:	1.362	1.008	1.293	1.154
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29730
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29734	B29735	B29736	B29737
DAYS ON TEST	:	125	118	113	96
DATE OF NECROPSY	:	25-NOV-03	18-NOV-03	13-NOV-03	27-OCT-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	344.0000	334.0000	360.7000	327.9000
.....					
ADRENAL GLANDS	G:	0.0660	0.0660	0.0600	0.0800
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01919	0.01976	0.01663	0.02440
	% BRAIN:	3.310	3.246	2.994	4.020
.....					
PITUITARY GLAND	G:	0.0190	0.0170	0.0120	0.0200
	% BODY :	0.00552	0.00509	0.00333	0.00610
	% BRAIN:	0.953	0.836	0.599	1.005
.....					
OVARIES	G:	0.1650	0.1890	0.1340	0.2100
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04797	0.05659	0.03715	0.06404
	% BRAIN:	8.275	9.297	6.687	10.553
.....					
UTERUS	G:	0.5660	1.0260	0.5280	0.8200
	% BODY :	0.16453	0.30719	0.14638	0.25008
	% BRAIN:	28.385	50.467	26.347	41.206
.....					
BRAIN	G:	1.9940	2.0330	2.0040	1.9900
	% BODY :	0.57965	0.60868	0.55559	0.60689
.....					
LIVER	G:	18.4700	19.2150	18.2710	11.7500
	% BODY :	5.369	5.753	5.065	3.583
	% BRAIN:	926.279	945.155	911.727	590.452
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29734	B29735	B29736	B29737
.....					
KIDNEYS	G:	2.6600	2.3770	2.4850	2.2700
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.77326	0.71168	0.68894	0.69228
	% BRAIN:	133.400	116.921	124.002	114.070
.....					
SPLEEN	G:	0.6180	0.7630	0.6580	0.9200
	% BODY :	0.17965	0.22844	0.18242	0.28057
	% BRAIN:	30.993	37.531	32.834	46.231
.....					
THYROID GLANDS	G:	0.0200	0.0250	0.0190	0.0200
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00581	0.00749	0.00527	0.00610
	% BRAIN:	1.003	1.230	0.948	1.005
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29737
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29738	B29739	B29740	B29741
DAYS ON TEST	:	99	96	113	117
DATE OF NECROPSY	:	30-OCT-03	27-OCT-03	14-NOV-03	18-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/+2	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	367.7000	334.3000	286.7000	286.5000
.....					
ADRENAL GLANDS	G:	0.0680	0.0980	0.0720	0.0650
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01849	0.02931	0.02511	0.02269
	% BRAIN:	3.466	5.026	3.660	3.316
.....					
PITUITARY GLAND	G:	0.0170	0.0080	0.0100	0.0120
	% BODY :	0.00462	0.00239	0.00349	0.00419
	% BRAIN:	0.866	0.410	0.508	0.612
.....					
OVARIES	G:	0.1630	0.2070	0.1580	0.1830
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04433	0.06192	0.05511	0.06387
	% BRAIN:	8.308	10.615	8.033	9.337
.....					
UTERUS	G:	0.8590	1.4220	0.3880	0.4670
	% BODY :	0.23361	0.42537	0.13533	0.16300
	% BRAIN:	43.782	72.923	19.725	23.827
.....					
BRAIN	G:	1.9620	1.9500	1.9670	1.9600
	% BODY :	0.53359	0.58331	0.68608	0.68412
.....					
LIVER	G:	13.7730	13.5000	14.2380	15.2660
	% BODY :	3.746	4.038	4.966	5.328
	% BRAIN:	701.988	692.308	723.843	778.878
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29738	B29739	B29740	B29741
.....					
KIDNEYS	G:	2.5270	2.6490	2.1930	2.2770
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.68725	0.79240	0.76491	0.79476
	% BRAIN:	128.797	135.846	111.490	116.173
.....					
SPLEEN	G:	0.6810	0.7170	0.6080	0.6980
	% BODY :	0.18521	0.21448	0.21207	0.24363
	% BRAIN:	34.709	36.769	30.910	35.612
.....					
THYROID GLANDS	G:	0.0180	0.0190	0.0240	0.0280
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00490	0.00568	0.00837	0.00977
	% BRAIN:	0.917	0.974	1.220	1.429
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29738

* UTERUS

FEMALE PREGNANT, NO DELIVERY, CONSEQUENTLY EXCLUDED

ANIMAL NUMBER : B29739

* FINAL BODY WEIGHT

FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
 CONSEQUENTLY EXCLUDED

* ADRENAL GLANDS

FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
 CONSEQUENTLY EXCLUDED

* PITUITARY GLAND

FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
 CONSEQUENTLY EXCLUDED

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
SEX : FEMALE

- * OVARIES
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * UTERUS
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * BRAIN
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * LIVER
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * KIDNEYS
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * SPLEEN
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * THYROID GLANDS
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29742	B29743	B29744	B29745
DAYS ON TEST	:	112	112	117	117
DATE OF NECROPSY	:	13-NOV-03	13-NOV-03	18-NOV-03	18-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	297.9000	350.9000	335.2000	324.5000
.....					
ADRENAL GLANDS	G:	0.0760	0.0820	0.0670	0.0720
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02551	0.02337	0.01999	0.02219
	% BRAIN:	4.064	3.853	3.248	3.398
.....					
PITUITARY GLAND	G:	0.0160	0.0160	0.0160	0.0130
	% BODY :	0.00537	0.00456	0.00477	0.00401
	% BRAIN:	0.856	0.752	0.776	0.613
.....					
OVARIES	G:	0.1500	0.1520	0.2150	0.1680
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05035	0.04332	0.06414	0.05177
	% BRAIN:	8.021	7.143	10.422	7.928
.....					
UTERUS	G:	0.6690	0.4640	0.5440	0.6210
	% BODY :	0.22457	0.13223	0.16229	0.19137
	% BRAIN:	35.775	21.805	26.369	29.306
.....					
BRAIN	G:	1.8700	2.1280	2.0630	2.1190
	% BODY :	0.62773	0.60644	0.61545	0.65300
.....					
LIVER	G:	14.7280	18.3300	16.2280	16.0890
	% BODY :	4.944	5.224	4.841	4.958
	% BRAIN:	787.594	861.372	786.621	759.273
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29742	B29743	B29744	B29745
.....					
KIDNEYS	G:	2.2620	2.6260	2.4440	2.2000
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.75932	0.74836	0.72912	0.67797
	% BRAIN:	120.963	123.402	118.468	103.823
.....					
SPLEEN	G:	0.7890	0.5840	0.7250	0.7090
	% BODY :	0.26485	0.16643	0.21629	0.21849
	% BRAIN:	42.193	27.444	35.143	33.459
.....					
THYROID GLANDS	G:	0.0280	0.0250	0.0260	0.0210
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00940	0.00712	0.00776	0.00647
	% BRAIN:	1.497	1.175	1.260	0.991
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29746	B29747	B29748	B29749
DAYS ON TEST	:	89	116	110	110
DATE OF NECROPSY	:	22-OCT-03	18-NOV-03	13-NOV-03	13-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	290.4000	311.1000	299.4000	343.5000
.....					
ADRENAL GLANDS	G:	0.0730	0.0720	0.0620	0.0560
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02514	0.02314	0.02071	0.01630
	% BRAIN:	3.634	3.824	3.033	2.774
.....					
PITUITARY GLAND	G:	0.0110	0.0130	0.0140	0.0140
	% BODY :	0.00379	0.00418	0.00468	0.00408
	% BRAIN:	0.548	0.690	0.685	0.693
.....					
OVARIES	G:	0.1530	0.2130	0.1700	0.1740
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05269	0.06847	0.05678	0.05066
	% BRAIN:	7.616	11.312	8.317	8.618
.....					
UTERUS	G:	0.6580	0.8820	0.4510	0.4880
	% BODY :	0.22658	0.28351	0.15063	0.14207
	% BRAIN:	32.753	46.840	22.065	24.170
.....					
BRAIN	G:	2.0090	1.8830	2.0440	2.0190
	% BODY :	0.69180	0.60527	0.68270	0.58777
.....					
LIVER	G:	12.0720	14.0610	15.2090	17.3830
	% BODY :	4.157	4.520	5.080	5.061
	% BRAIN:	600.896	746.734	744.080	860.971
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29746	B29747	B29748	B29749
.....					
KIDNEYS	G:	2.7280	2.4460	2.1290	2.4600
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.93939	0.78624	0.71109	0.71616
	% BRAIN:	135.789	129.899	104.159	121.842
.....					
SPLEEN	G:	0.5010	0.6260	0.5820	0.8100
	% BODY :	0.17252	0.20122	0.19439	0.23581
	% BRAIN:	24.938	33.245	28.474	40.119
.....					
THYROID GLANDS	G:	0.0140	0.0150	0.0170	0.0220
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00482	0.00482	0.00568	0.00640
	% BRAIN:	0.697	0.797	0.832	1.090
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29746
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
SEX : FEMALE

ANIMAL NUMBER : B29750
DAYS ON TEST : 114
DATE OF NECROPSY : 17-NOV-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

FINAL BODY WEIGHT G: 334.0000
.....

ADRENAL GLANDS G: 0.0470
LEFT : -
RIGHT: -
% BODY : 0.01407
% BRAIN: 2.457
.....

PITUITARY GLAND G: 0.0090
% BODY : 0.00269
% BRAIN: 0.470
.....

OVARIES G: 0.1950
LEFT : -
RIGHT: -
% BODY : 0.05838
% BRAIN: 10.193
.....

UTERUS G: 0.6880
% BODY : 0.20599
% BRAIN: 35.964
.....

BRAIN G: 1.9130
% BODY : 0.57275
.....

LIVER G: 14.0770
% BODY : 4.215
% BRAIN: 735.860
.....

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 2, 250mg/kg/d.F1
SEX : FEMALE

ANIMAL NUMBER : B29750
.....

KIDNEYS G: 2.3500
LEFT : -
RIGHT: -
% BODY : 0.70359
% BRAIN: 122.844
.....

SPLEEN G: 0.9010
% BODY : 0.26976
% BRAIN: 47.099
.....

THYROID GLANDS G: 0.0160
LEFT : -
RIGHT: -
% BODY : 0.00479
% BRAIN: 0.836
.....

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29351	B29352	B29353	B29354
DAYS ON TEST	:	125	125	125	125
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	24-NOV-03	24-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	525.2000	516.4000	628.7000	702.5000
.....					
ADRENAL GLANDS	G:	0.0480	0.0560	0.0650	0.0640
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00914	0.01084	0.01034	0.00911
	% BRAIN:	2.348	2.716	2.899	2.856
.....					
PITUITARY GLAND	G:	0.0160	0.0150	0.0130	0.0150
	% BODY :	0.00305	0.00290	0.00207	0.00214
	% BRAIN:	0.783	0.727	0.580	0.669
.....					
PROSTATE	G:	1.7570	1.4140	1.2890	1.4740
	% BODY :	0.33454	0.27382	0.20503	0.20982
	% BRAIN:	85.959	68.574	57.493	65.774
.....					
SEMINAL VESICLES	G:	1.7580	1.6160	1.6590	1.9830
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.33473	0.31294	0.26388	0.28228
	% BRAIN:	86.008	78.371	73.996	88.487
.....					
TESTIS, RIGHT	G:	1.8460	1.6160	1.8810	2.1330
	% BODY :	0.35149	0.31294	0.29919	0.30363
	% BRAIN:	90.313	78.371	83.898	95.181
.....					
EPIDIDYMIS, RIGHT	G:	0.7620	0.7220	0.7560	0.7730
	% BODY :	0.14509	0.13981	0.12025	0.11004
	% BRAIN:	37.280	35.015	33.720	34.494
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29351	B29352	B29353	B29354
.....					
EPIDIDYMIS, LEFT	G:	0.7830	0.7110	0.8030	0.7890
	% BODY :	0.14909	0.13768	0.12772	0.11231
	% BRAIN:	38.307	34.481	35.816	35.207
.....					
TESTIS, LEFT	G:	1.8100	1.5960	1.9000	2.1550
	% BODY :	0.34463	0.30906	0.30221	0.30676
	% BRAIN:	88.552	77.401	84.746	96.162
.....					
BRAIN	G:	2.0440	2.0620	2.2420	2.2410
	% BODY :	0.38919	0.39930	0.35661	0.31900
.....					
LIVER	G:	19.0240	18.9930	21.9150	29.0640
	% BODY :	3.622	3.678	3.486	4.137
	% BRAIN:	930.724	921.096	977.475	1296.921
.....					
KIDNEYS	G:	3.4510	3.8700	4.2880	4.7090
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.65708	0.74942	0.68204	0.67032
	% BRAIN:	168.836	187.682	191.258	210.129
.....					
SPLEEN	G:	0.9490	0.8690	0.8160	1.0020
	% BODY :	0.18069	0.16828	0.12979	0.14263
	% BRAIN:	46.429	42.144	36.396	44.712
.....					
THYROID GLANDS	G:	0.0270	0.0230	0.0250	0.0380
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00514	0.00445	0.00398	0.00541
	% BRAIN:	1.321	1.115	1.115	1.696
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29355	B29356	B29357	B29358
DAYS ON TEST	:	125	125	124	124
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	24-NOV-03	24-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	621.4000	524.5000	549.9000	617.9000
.....					
ADRENAL GLANDS	G:	0.0570	0.0610	0.0600	0.0570
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00917	0.01163	0.01091	0.00922
	% BRAIN:	2.780	3.085	2.852	2.680
.....					
PITUITARY GLAND	G:	0.0130	0.0160	0.0110	0.0120
	% BODY :	0.00209	0.00305	0.00200	0.00194
	% BRAIN:	0.634	0.809	0.523	0.564
.....					
PROSTATE	G:	1.4160	1.1550	1.5850	1.2610
	% BODY :	0.22787	0.22021	0.28823	0.20408
	% BRAIN:	69.073	58.422	75.333	59.285
.....					
SEMINAL VESICLES	G:	2.1290	1.7120	1.9360	1.7180
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.34261	0.32641	0.35206	0.27804
	% BRAIN:	103.854	86.596	92.015	80.771
.....					
TESTIS, RIGHT	G:	2.0180	1.7340	1.2040	1.7610
	% BODY :	0.32475	0.33060	0.21895	0.28500
	% BRAIN:	98.439	87.709	57.224	82.793
.....					
EPIDIDYMIS, RIGHT	G:	0.9410	0.5720	0.4700	0.7610
	% BODY :	0.15143	0.10906	0.08547	0.12316
	% BRAIN:	45.902	28.933	22.338	35.778
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29355	B29356	B29357	B29358
.....					
EPIDIDYMIS, LEFT	G:	0.8560	0.5770	0.3410	0.7200
	% BODY :	0.13775	0.11001	0.06201	0.11652
	% BRAIN:	41.756	29.186	16.207	33.850
.....					
TESTIS, LEFT	G:	2.0410	1.7520	1.3850	1.7430
	% BODY :	0.32845	0.33403	0.25186	0.28208
	% BRAIN:	99.561	88.619	65.827	81.946
.....					
BRAIN	G:	2.0500	1.9770	2.1040	2.1270
	% BODY :	0.32990	0.37693	0.38262	0.34423
.....					
LIVER	G:	21.0900	18.5820	20.0790	22.9660
	% BODY :	3.394	3.543	3.651	3.717
	% BRAIN:	1028.780	939.909	954.325	1079.737
.....					
KIDNEYS	G:	4.0710	4.1730	4.1550	3.7870
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.65513	0.79561	0.75559	0.61288
	% BRAIN:	198.585	211.077	197.481	178.044
.....					
SPLEEN	G:	0.8260	0.6240	0.9040	0.6820
	% BODY :	0.13293	0.11897	0.16439	0.11037
	% BRAIN:	40.293	31.563	42.966	32.064
.....					
THYROID GLANDS	G:	0.0350	0.0280	0.0250	0.0300
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00563	0.00534	0.00455	0.00486
	% BRAIN:	1.707	1.416	1.188	1.410
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29359	B29360	B29361	B29362
DAYS ON TEST	:	124	124	125	125
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	25-NOV-03	25-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	683.1000	658.4000	755.0000	714.4000
.....					
ADRENAL GLANDS	G:	0.0750	0.0780	0.0710	0.0700
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01098	0.01185	0.00940	0.00980
	% BRAIN:	3.245	3.716	3.147	3.129
.....					
PITUITARY GLAND	G:	0.0120	0.0140	0.0140	0.0140
	% BODY :	0.00176	0.00213	0.00185	0.00196
	% BRAIN:	0.519	0.667	0.621	0.626
.....					
PROSTATE	G:	1.5930	1.5150	1.2750	1.5000
	% BODY :	0.23320	0.23010	0.16887	0.20997
	% BRAIN:	68.931	72.177	56.516	67.054
.....					
SEMINAL VESICLES	G:	2.0220	2.1600	1.5060	1.9490
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.29600	0.32807	0.19947	0.27282
	% BRAIN:	87.495	102.906	66.755	87.126
.....					
TESTIS, RIGHT	G:	2.1200	2.0250	1.9080	1.9690
	% BODY :	0.31035	0.30756	0.25272	0.27562
	% BRAIN:	91.735	96.475	84.574	88.020
.....					
EPIDIDYMIS, RIGHT	G:	0.8720	0.7720	0.7460	0.8540
	% BODY :	0.12765	0.11725	0.09881	0.11954
	% BRAIN:	37.733	36.779	33.067	38.176
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29359	B29360	B29361	B29362
.....					
EPIDIDYMIS, LEFT	G:	0.8910	0.7560	0.7040	0.7220
	% BODY :	0.13043	0.11482	0.09325	0.10106
	% BRAIN:	38.555	36.017	31.206	32.275
.....					
TESTIS, LEFT	G:	2.0420	1.9380	1.8770	1.9520
	% BODY :	0.29893	0.29435	0.24861	0.27324
	% BRAIN:	88.360	92.330	83.200	87.260
.....					
BRAIN	G:	2.3110	2.0990	2.2560	2.2370
	% BODY :	0.33831	0.31880	0.29881	0.31313
.....					
LIVER	G:	24.7090	23.6280	26.4930	27.3150
	% BODY :	3.617	3.589	3.509	3.823
	% BRAIN:	1069.191	1125.679	1174.335	1221.055
.....					
KIDNEYS	G:	5.1180	4.4250	4.9100	4.2240
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.74923	0.67208	0.65033	0.59127
	% BRAIN:	221.463	210.815	217.642	188.824
.....					
SPLEEN	G:	0.8320	0.8640	0.7160	0.6760
	% BODY :	0.12180	0.13123	0.09483	0.09462
	% BRAIN:	36.002	41.162	31.738	30.219
.....					
THYROID GLANDS	G:	0.0380	0.0340	0.0270	0.0290
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00556	0.00516	0.00358	0.00406
	% BRAIN:	1.644	1.620	1.197	1.296
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29363	B29364	B29365	B29366
DAYS ON TEST	:	125	125	125	125
DATE OF NECROPSY	:	25-NOV-03	25-NOV-03	25-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	654.7000	704.5000	593.9000	612.0000
.....					
ADRENAL GLANDS	G:	0.0960	0.0620	0.0700	0.0690
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01466	0.00880	0.01179	0.01127
	% BRAIN:	4.305	2.667	3.198	3.045
.....					
PITUITARY GLAND	G:	0.0100	0.0160	0.0140	0.0120
	% BODY :	0.00153	0.00227	0.00236	0.00196
	% BRAIN:	0.448	0.688	0.640	0.530
.....					
PROSTATE	G:	1.4330	1.5260	1.0040	1.6400
	% BODY :	0.21888	0.21661	0.16905	0.26797
	% BRAIN:	64.260	65.634	45.866	72.374
.....					
SEMINAL VESICLES	G:	2.1000	1.7350	1.6220	1.7830
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.32076	0.24627	0.27311	0.29134
	% BRAIN:	94.170	74.624	74.098	78.685
.....					
TESTIS, RIGHT	G:	2.2040	2.1270	1.7170	1.8640
	% BODY :	0.33664	0.30192	0.28911	0.30458
	% BRAIN:	98.834	91.484	78.438	82.259
.....					
EPIDIDYMIS, RIGHT	G:	0.8360	0.8680	0.7150	0.8830
	% BODY :	0.12769	0.12321	0.12039	0.14428
	% BRAIN:	37.489	37.333	32.663	38.967
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29363	B29364	B29365	B29366
.....					
EPIDIDYMIS, LEFT	G:	0.8870	0.8720	0.7020	0.7270
	% BODY :	0.13548	0.12378	0.11820	0.11879
	% BRAIN:	39.776	37.505	32.069	32.083
.....					
TESTIS, LEFT	G:	2.1430	2.0920	1.7570	1.8710
	% BODY :	0.32733	0.29695	0.29584	0.30572
	% BRAIN:	96.099	89.978	80.265	82.568
.....					
BRAIN	G:	2.2300	2.3250	2.1890	2.2660
	% BODY :	0.34061	0.33002	0.36858	0.37026
.....					
LIVER	G:	25.5360	25.1930	19.6130	22.6790
	% BODY :	3.900	3.576	3.302	3.706
	% BRAIN:	1145.112	1083.570	895.980	1000.838
.....					
KIDNEYS	G:	4.8870	4.5080	4.7210	4.7550
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.74645	0.63989	0.79491	0.77696
	% BRAIN:	219.148	193.892	215.669	209.841
.....					
SPLEEN	G:	0.9670	0.8030	0.8230	0.6200
	% BODY :	0.14770	0.11398	0.13858	0.10131
	% BRAIN:	43.363	34.538	37.597	27.361
.....					
THYROID GLANDS	G:	0.0230	0.0270	0.0280	0.0310
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00351	0.00383	0.00471	0.00507
	% BRAIN:	1.031	1.161	1.279	1.368
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29367	B29368	B29369	B29370
DAYS ON TEST	:	125	125	125	124
DATE OF NECROPSY	:	26-NOV-03	26-NOV-03	26-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	587.7000	425.7000	498.0000	631.2000
.....					
ADRENAL GLANDS	G:	0.0620	0.0570	0.0690	0.0670
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01055	0.01339	0.01386	0.01061
	% BRAIN:	2.865	3.091	3.614	3.095
.....					
PITUITARY GLAND	G:	0.0150	0.0130	0.0100	0.0150
	% BODY :	0.00255	0.00305	0.00201	0.00238
	% BRAIN:	0.693	0.705	0.524	0.693
.....					
PROSTATE	G:	1.4380	1.1000	1.2100	1.4930
	% BODY :	0.24468	0.25840	0.24297	0.23653
	% BRAIN:	66.451	59.653	63.384	68.961
.....					
SEMINAL VESICLES	G:	1.8170	3.4340	1.3500	1.8040
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.30917	0.80667	0.27108	0.28580
	% BRAIN:	83.965	186.226	70.718	83.326
.....					
TESTIS, RIGHT	G:	1.7370	1.4780	1.7290	1.9540
	% BODY :	0.29556	0.34719	0.34719	0.30957
	% BRAIN:	80.268	80.152	90.571	90.254
.....					
EPIDIDYMIS, RIGHT	G:	0.8020	0.5770	0.6530	0.7560
	% BODY :	0.13646	0.13554	0.13112	0.11977
	% BRAIN:	37.061	31.291	34.206	34.919
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29367	B29368	B29369	B29370
.....					
EPIDIDYMIS, LEFT	G:	0.7970	0.5410	0.6810	0.7480
	% BODY :	0.13561	0.12708	0.13675	0.11850
	% BRAIN:	36.830	29.338	35.673	34.550
.....					
TESTIS, LEFT	G:	1.8220	1.3100	1.7370	1.8100
	% BODY :	0.31002	0.30773	0.34880	0.28676
	% BRAIN:	84.196	71.041	90.990	83.603
.....					
BRAIN	G:	2.1640	1.8440	1.9090	2.1650
	% BODY :	0.36822	0.43317	0.38333	0.34300
.....					
LIVER	G:	20.1940	13.1250	17.3490	21.7430
	% BODY :	3.436	3.083	3.484	3.445
	% BRAIN:	933.179	711.768	908.800	1004.296
.....					
KIDNEYS	G:	3.5070	2.6270	3.4770	4.8510
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.59673	0.61710	0.69819	0.76854
	% BRAIN:	162.061	142.462	182.137	224.065
.....					
SPLEEN	G:	0.7290	0.6760	0.6480	0.9500
	% BODY :	0.12404	0.15880	0.13012	0.15051
	% BRAIN:	33.688	36.659	33.944	43.880
.....					
THYROID GLANDS	G:	0.0330	0.0320	0.0230	0.0280
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00562	0.00752	0.00462	0.00444
	% BRAIN:	1.525	1.735	1.205	1.293
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29371	B29372	B29373	B29374
DAYS ON TEST	:	124	124	123	123
DATE OF NECROPSY	:	26-NOV-03	26-NOV-03	26-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	571.4000	655.5000	659.4000	447.1000
.....					
ADRENAL GLANDS	G:	0.0720	0.0980	0.0720	0.0820
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01260	0.01495	0.01092	0.01834
	% BRAIN:	3.509	4.629	3.447	4.051
.....					
PITUITARY GLAND	G:	0.0240	0.0130	0.0170	0.0110
	% BODY :	0.00420	0.00198	0.00258	0.00246
	% BRAIN:	1.170	0.614	0.814	0.543
.....					
PROSTATE	G:	1.8070	1.2030	1.1180	0.9120
	% BODY :	0.31624	0.18352	0.16955	0.20398
	% BRAIN:	88.060	56.826	53.518	45.059
.....					
SEMINAL VESICLES	G:	2.3490	1.4070	1.8470	1.3260
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.41110	0.21465	0.28010	0.29658
	% BRAIN:	114.474	66.462	88.416	65.514
.....					
TESTIS, RIGHT	G:	2.0150	1.7240	1.9650	1.8900
	% BODY :	0.35264	0.26301	0.29800	0.42272
	% BRAIN:	98.197	81.436	94.064	93.379
.....					
EPIDIDYMIS, RIGHT	G:	0.7650	0.5870	0.8350	0.7240
	% BODY :	0.13388	0.08955	0.12663	0.16193
	% BRAIN:	37.281	27.728	39.971	35.771
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29371	B29372	B29373	B29374
.....					
EPIDIDYMIS, LEFT	G:	0.7270	0.5630	0.6770	0.6820
	% BODY :	0.12723	0.08589	0.10267	0.15254
	% BRAIN:	35.429	26.594	32.408	33.696
.....					
TESTIS, LEFT	G:	2.0050	1.6550	1.9110	1.8620
	% BODY :	0.35089	0.25248	0.28981	0.41646
	% BRAIN:	97.710	78.177	91.479	91.996
.....					
BRAIN	G:	2.0520	2.1170	2.0890	2.0240
	% BODY :	0.35912	0.32296	0.31680	0.45270
.....					
LIVER	G:	21.6920	22.1150	23.9000	10.8900
	% BODY :	3.796	3.374	3.625	2.436
	% BRAIN:	1057.115	1044.639	1144.088	538.043
.....					
KIDNEYS	G:	3.9710	3.9370	3.9350	2.8780
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.69496	0.60061	0.59675	0.64370
	% BRAIN:	193.519	185.971	188.368	142.194
.....					
SPLEEN	G:	0.7070	0.6970	0.8520	0.5450
	% BODY :	0.12373	0.10633	0.12921	0.12190
	% BRAIN:	34.454	32.924	40.785	26.927
.....					
THYROID GLANDS	G:	0.0390	0.0330	0.0270	0.0200
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00683	0.00503	0.00409	0.00447
	% BRAIN:	1.901	1.559	1.292	0.988
.....					

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
SEX : MALE

ANIMAL NUMBER : B29375
DAYS ON TEST : 93
DATE OF NECROPSY : 27-OCT-03
DEFND./ACTUAL NECR.STATE: K0/+1
.....

FINAL BODY WEIGHT G: -
.....

ADRENAL GLANDS G: -
LEFT : -
RIGHT: -
% BODY :
% BRAIN:
.....

PITUITARY GLAND G: -
% BODY :
% BRAIN:
.....

PROSTATE G: -
% BODY :
% BRAIN:
.....

SEMINAL VESICLES G: -
LEFT : -
RIGHT: -
% BODY :
% BRAIN:
.....

TESTIS, RIGHT G: -
% BODY :
% BRAIN:
.....

EPIDIDYMIS, RIGHT G: -
% BODY :
% BRAIN:
.....

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
SEX : MALE

ANIMAL NUMBER : B29375
.....

EPIDIDYMIS, LEFT G: -
% BODY :
% BRAIN:
.....

TESTIS, LEFT G: -
% BODY :
% BRAIN:
.....

BRAIN G: -
% BODY :
.....

LIVER G: -
% BODY :
% BRAIN:
.....

KIDNEYS G: -
LEFT : -
RIGHT: -
% BODY :
% BRAIN:
.....

SPLEEN G: -
% BODY :
% BRAIN:
.....

THYROID GLANDS G: -
LEFT : -
RIGHT: -
% BODY :
% BRAIN:
.....

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29751	B29752	B29753	B29754
DAYS ON TEST	:	118	115	115	119
DATE OF NECROPSY	:	17-NOV-03	14-NOV-03	14-NOV-03	18-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	306.2000	334.3000	366.1000	308.3000
.....					
ADRENAL GLANDS	G:	0.0680	0.0750	0.0610	0.0820
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02221	0.02243	0.01666	0.02660
	% BRAIN:	3.575	3.828	3.055	4.203
.....					
PITUITARY GLAND	G:	0.0110	0.0130	0.0120	0.0160
	% BODY :	0.00359	0.00389	0.00328	0.00519
	% BRAIN:	0.578	0.664	0.601	0.820
.....					
OVARIES	G:	0.1630	0.1530	0.1480	0.1850
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05323	0.04577	0.04043	0.06001
	% BRAIN:	8.570	7.810	7.411	9.482
.....					
UTERUS	G:	0.4460	0.3970	0.6310	0.7840
	% BODY :	0.14566	0.11876	0.17236	0.25430
	% BRAIN:	23.449	20.265	31.597	40.185
.....					
BRAIN	G:	1.9020	1.9590	1.9970	1.9510
	% BODY :	0.62116	0.58600	0.54548	0.63283
.....					
LIVER	G:	17.5860	16.4610	19.5030	14.6390
	% BODY :	5.743	4.924	5.327	4.748
	% BRAIN:	924.606	840.276	976.615	750.333
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29751	B29752	B29753	B29754
.....					
KIDNEYS	G:	2.3620	2.4370	2.6140	2.2710
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.77139	0.72899	0.71401	0.73662
	% BRAIN:	124.185	124.400	130.896	116.402
.....					
SPLEEN	G:	0.8180	0.7520	0.6870	0.6580
	% BODY :	0.26715	0.22495	0.18765	0.21343
	% BRAIN:	43.007	38.387	34.402	33.726
.....					
THYROID GLANDS	G:	0.0160	0.0180	0.0210	0.0170
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00523	0.00538	0.00574	0.00551
	% BRAIN:	0.841	0.919	1.052	0.871
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29755	B29756	B29757	B29758
DAYS ON TEST	:	114	118	117	117
DATE OF NECROPSY	:	13-NOV-03	17-NOV-03	17-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	323.2000	261.0000	316.2000	335.6000
.....					
ADRENAL GLANDS	G:	0.0610	0.0620	0.0650	0.0690
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01887	0.02375	0.02056	0.02056
	% BRAIN:	3.264	3.466	3.258	3.443
.....					
PITUITARY GLAND	G:	0.0140	0.0110	0.0110	0.0120
	% BODY :	0.00433	0.00421	0.00348	0.00358
	% BRAIN:	0.749	0.615	0.551	0.599
.....					
OVARIES	G:	0.1360	0.1280	0.1970	0.1730
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04208	0.04904	0.06230	0.05155
	% BRAIN:	7.277	7.155	9.875	8.633
.....					
UTERUS	G:	0.5800	0.4740	0.7330	0.5520
	% BODY :	0.17946	0.18161	0.23182	0.16448
	% BRAIN:	31.033	26.495	36.742	27.545
.....					
BRAIN	G:	1.8690	1.7890	1.9950	2.0040
	% BODY :	0.57828	0.68544	0.63093	0.59714
.....					
LIVER	G:	14.3720	14.7500	14.7510	16.8350
	% BODY :	4.447	5.651	4.665	5.016
	% BRAIN:	768.967	824.483	739.398	840.070
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29755	B29756	B29757	B29758
.....					
KIDNEYS	G:	2.2600	2.0740	2.5450	2.2800
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.69926	0.79464	0.80487	0.67938
	% BRAIN:	120.920	115.931	127.569	113.772
.....					
SPLEEN	G:	0.6500	0.4960	0.7260	0.7000
	% BODY :	0.20111	0.19004	0.22960	0.20858
	% BRAIN:	34.778	27.725	36.391	34.930
.....					
THYROID GLANDS	G:	0.0220	0.0130	0.0170	0.0190
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00681	0.00498	0.00538	0.00566
	% BRAIN:	1.177	0.727	0.852	0.948
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29759	B29760	B29761	B29762
DAYS ON TEST	:	117	113	99	96
DATE OF NECROPSY	:	17-NOV-03	13-NOV-03	30-OCT-03	27-OCT-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	303.1000	331.2000	318.0000	338.1000
.....					
ADRENAL GLANDS	G:	0.0600	0.0720	0.0650	0.0790
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01980	0.02174	0.02044	0.02337
	% BRAIN:	3.085	3.776	3.281	3.950
.....					
PITUITARY GLAND	G:	0.0140	0.0120	0.0140	0.0080
	% BODY :	0.00462	0.00362	0.00440	0.00237
	% BRAIN:	0.720	0.629	0.707	0.400
.....					
OVARIES	G:	0.1650	0.1740	0.1480	0.2680
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05444	0.05254	0.04654	0.07927
	% BRAIN:	8.483	9.124	7.471	13.400
.....					
UTERUS	G:	0.4940	0.4480	0.4940	0.4110
	% BODY :	0.16298	0.13527	0.15535	0.12156
	% BRAIN:	25.398	23.492	24.937	20.550
.....					
BRAIN	G:	1.9450	1.9070	1.9810	2.0000
	% BODY :	0.64170	0.57579	0.62296	0.59154
.....					
LIVER	G:	14.1740	17.5610	12.5390	11.6450
	% BODY :	4.676	5.302	3.943	3.444
	% BRAIN:	728.740	920.870	632.963	582.250
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29759	B29760	B29761	B29762
.....					
KIDNEYS	G:	1.9950	2.6780	2.2920	2.3460
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.65820	0.80857	0.72075	0.69388
	% BRAIN:	102.571	140.430	115.699	117.300
.....					
SPLEEN	G:	0.5660	0.8540	0.5910	0.5840
	% BODY :	0.18674	0.25785	0.18585	0.17273
	% BRAIN:	29.100	44.782	29.833	29.200
.....					
THYROID GLANDS	G:	0.0180	0.0240	0.0190	0.0210
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00594	0.00725	0.00597	0.00621
	% BRAIN:	0.925	1.259	0.959	1.050
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29761
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

ANIMAL NUMBER : B29762
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29763	B29764	B29765	B29766
DAYS ON TEST	:	117	117	113	111
DATE OF NECROPSY	:	17-NOV-03	17-NOV-03	13-NOV-03	12-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	319.3000	321.2000	331.4000	336.5000
.....					
ADRENAL GLANDS	G:	0.0630	0.0690	0.0630	0.0840
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01973	0.02148	0.01901	0.02496
	% BRAIN:	3.246	3.079	3.280	4.490
.....					
PITUITARY GLAND	G:	0.0110	0.0140	0.0140	0.0130
	% BODY :	0.00345	0.00436	0.00422	0.00386
	% BRAIN:	0.567	0.625	0.729	0.695
.....					
OVARIES	G:	0.1830	0.1680	0.1680	0.1820
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05731	0.05230	0.05069	0.05409
	% BRAIN:	9.428	7.497	8.745	9.727
.....					
UTERUS	G:	0.4980	0.6190	0.4690	0.5740
	% BODY :	0.15597	0.19271	0.14152	0.17058
	% BRAIN:	25.657	27.622	24.414	30.679
.....					
BRAIN	G:	1.9410	2.2410	1.9210	1.8710
	% BODY :	0.60789	0.69770	0.57966	0.55602
.....					
LIVER	G:	15.8220	18.1990	14.4820	17.2060
	% BODY :	4.955	5.666	4.370	5.113
	% BRAIN:	815.147	812.093	753.878	919.615
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29763	B29764	B29765	B29766
.....					
KIDNEYS	G:	2.2440	2.4450	2.2000	2.4450
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.70279	0.76121	0.66385	0.72660
	% BRAIN:	115.611	109.103	114.524	130.679
.....					
SPLEEN	G:	0.6010	0.8170	0.4480	0.6720
	% BODY :	0.18822	0.25436	0.13518	0.19970
	% BRAIN:	30.963	36.457	23.321	35.917
.....					
THYROID GLANDS	G:	0.0180	0.0210	0.0190	0.0160
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00564	0.00654	0.00573	0.00475
	% BRAIN:	0.927	0.937	0.989	0.855
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29767	B29768	B29769	B29770
DAYS ON TEST	:	117	113	112	112
DATE OF NECROPSY	:	18-NOV-03	14-NOV-03	13-NOV-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	323.4000	297.9000	274.4000	341.7000
.....					
ADRENAL GLANDS	G:	0.0720	0.0590	0.0680	0.0670
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02226	0.01981	0.02478	0.01961
	% BRAIN:	3.778	3.205	3.720	3.288
.....					
PITUITARY GLAND	G:	0.0090	0.0120	0.0110	0.0120
	% BODY :	0.00278	0.00403	0.00401	0.00351
	% BRAIN:	0.472	0.652	0.602	0.589
.....					
OVARIES	G:	0.2210	0.1390	0.1330	0.1950
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.06834	0.04666	0.04847	0.05707
	% BRAIN:	11.595	7.550	7.276	9.568
.....					
UTERUS	G:	0.5900	0.4290	0.4070	0.5390
	% BODY :	0.18244	0.14401	0.14832	0.15774
	% BRAIN:	30.955	23.303	22.265	26.447
.....					
BRAIN	G:	1.9060	1.8410	1.8280	2.0380
	% BODY :	0.58936	0.61799	0.66618	0.59643
.....					
LIVER	G:	15.4150	15.8350	14.2810	16.7470
	% BODY :	4.767	5.316	5.204	4.901
	% BRAIN:	808.762	860.130	781.236	821.737
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29767	B29768	B29769	B29770
.....					
KIDNEYS	G:	2.5530	1.9580	1.9090	2.7450
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.78942	0.65727	0.69570	0.80334
	% BRAIN:	133.945	106.355	104.431	134.691
.....					
SPLEEN	G:	0.6530	0.6360	0.6710	0.7080
	% BODY :	0.20192	0.21349	0.24453	0.20720
	% BRAIN:	34.260	34.546	36.707	34.740
.....					
THYROID GLANDS	G:	0.0200	0.0140	0.0130	0.0160
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00618	0.00470	0.00474	0.00468
	% BRAIN:	1.049	0.760	0.711	0.785
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29771	B29772	B29773	B29774
DAYS ON TEST	:	115	111	93	111
DATE OF NECROPSY	:	17-NOV-03	13-NOV-03	27-OCT-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	324.6000	283.5000	305.3000	270.5000
.....					
ADRENAL GLANDS	G:	0.0730	0.0740	0.0790	0.0710
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02249	0.02610	0.02588	0.02625
	% BRAIN:	3.707	4.035	4.121	3.848
.....					
PITUITARY GLAND	G:	0.0140	0.0140	0.0190	0.0130
	% BODY :	0.00431	0.00494	0.00622	0.00481
	% BRAIN:	0.711	0.763	0.991	0.705
.....					
OVARIES	G:	0.1790	0.1550	0.1530	0.1220
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05514	0.05467	0.05011	0.04510
	% BRAIN:	9.091	8.451	7.981	6.612
.....					
UTERUS	G:	0.9510	0.4250	0.6000	0.4200
	% BODY :	0.29298	0.14991	0.19653	0.15527
	% BRAIN:	48.299	23.173	31.299	22.764
.....					
BRAIN	G:	1.9690	1.8340	1.9170	1.8450
	% BODY :	0.60659	0.64691	0.62791	0.68207
.....					
LIVER	G:	14.5120	14.3220	10.7910	13.7470
	% BODY :	4.471	5.052	3.535	5.082
	% BRAIN:	737.024	780.916	562.911	745.095
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29771	B29772	B29773	B29774
.....					
KIDNEYS	G:	2.2680	2.2260	2.1660	1.9280
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.69871	0.78519	0.70947	0.71275
	% BRAIN:	115.185	121.374	112.989	104.499
.....					
SPLEEN	G:	0.7730	0.6260	0.6490	0.5950
	% BODY :	0.23814	0.22081	0.21258	0.21996
	% BRAIN:	39.259	34.133	33.855	32.249
.....					
THYROID GLANDS	G:	0.0220	0.0200	0.0260	0.0170
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00678	0.00705	0.00852	0.00628
	% BRAIN:	1.117	1.091	1.356	0.921
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29773
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
SEX : FEMALE

ANIMAL NUMBER : B29775
DAYS ON TEST : 110
DATE OF NECROPSY : 13-NOV-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

FINAL BODY WEIGHT G: 298.5000
.....

ADRENAL GLANDS G: 0.0750
LEFT : -
RIGHT: -
% BODY : 0.02513
% BRAIN: 3.931
.....

PITUITARY GLAND G: 0.0130
% BODY : 0.00436
% BRAIN: 0.681
.....

OVARIES G: 0.1520
LEFT : -
RIGHT: -
% BODY : 0.05092
% BRAIN: 7.966
.....

UTERUS G: 0.3830
% BODY : 0.12831
% BRAIN: 20.073
.....

BRAIN G: 1.9080
% BODY : 0.63920
.....

LIVER G: 15.2830
% BODY : 5.120
% BRAIN: 800.996
.....

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 3, 500mg/kg/d.F1
SEX : FEMALE

ANIMAL NUMBER : B29775
.....

KIDNEYS G: 2.2260
LEFT : -
RIGHT: -
% BODY : 0.74573
% BRAIN: 116.667
.....

SPLEEN G: 0.6410
% BODY : 0.21474
% BRAIN: 33.595
.....

THYROID GLANDS G: 0.0170
LEFT : -
RIGHT: -
% BODY : 0.00570
% BRAIN: 0.891
.....

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29376	B29377	B29378	B29379
DAYS ON TEST	:	125	125	125	124
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	24-NOV-03	24-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	642.1000	636.4000	564.9000	704.9000
.....					
ADRENAL GLANDS	G:	0.0670	0.0690	0.0560	0.0640
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01043	0.01084	0.00991	0.00908
	% BRAIN:	3.264	3.407	2.714	2.896
.....					
PITUITARY GLAND	G:	0.0130	0.0200	0.0180	0.0130
	% BODY :	0.00202	0.00314	0.00319	0.00184
	% BRAIN:	0.633	0.988	0.873	0.588
.....					
PROSTATE	G:	1.1620	1.5810	1.2470	1.8890
	% BODY :	0.18097	0.24843	0.22075	0.26798
	% BRAIN:	56.600	78.074	60.446	85.475
.....					
SEMINAL VESICLES	G:	2.6650	2.1660	1.3390	2.3340
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.41504	0.34035	0.23703	0.33111
	% BRAIN:	129.810	106.963	64.905	105.611
.....					
TESTIS, RIGHT	G:	2.1200	1.8960	1.7900	2.0460
	% BODY :	0.33017	0.29793	0.31687	0.29025
	% BRAIN:	103.264	93.630	86.767	92.579
.....					
EPIDIDYMIS, RIGHT	G:	0.7820	0.7330	0.6380	0.8500
	% BODY :	0.12179	0.11518	0.11294	0.12058
	% BRAIN:	38.091	36.198	30.926	38.462
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29376	B29377	B29378	B29379
.....					
EPIDIDYMIS, LEFT	G:	0.7640	0.7120	0.7260	0.8750
	% BODY :	0.11898	0.11188	0.12852	0.12413
	% BRAIN:	37.214	35.160	35.191	39.593
.....					
TESTIS, LEFT	G:	2.0470	1.7970	1.7580	1.9460
	% BODY :	0.31880	0.28237	0.31121	0.27607
	% BRAIN:	99.708	88.741	85.216	88.054
.....					
BRAIN	G:	2.0530	2.0250	2.0630	2.2100
	% BODY :	0.31973	0.31820	0.36520	0.31352
.....					
LIVER	G:	30.0840	29.4420	19.3470	30.4470
	% BODY :	4.685	4.626	3.425	4.319
	% BRAIN:	1465.368	1453.926	937.809	1377.692
.....					
KIDNEYS	G:	4.4830	4.2610	3.4850	4.8560
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.69818	0.66955	0.61692	0.68889
	% BRAIN:	218.363	210.420	168.929	219.729
.....					
SPLEEN	G:	1.0070	0.9450	0.7250	0.7630
	% BODY :	0.15683	0.14849	0.12834	0.10824
	% BRAIN:	49.050	46.667	35.143	34.525
.....					
THYROID GLANDS	G:	0.0380	0.0330	0.0250	0.0290
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00592	0.00519	0.00443	0.00411
	% BRAIN:	1.851	1.630	1.212	1.312
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29380	B29381	B29382	B29383
DAYS ON TEST	:	124	124	124	124
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	24-NOV-03	24-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	674.1000	638.6000	581.9000	580.2000
.....					
ADRENAL GLANDS	G:	0.0680	0.0810	0.0660	0.0730
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01009	0.01268	0.01134	0.01258
	% BRAIN:	3.069	3.740	3.032	3.293
.....					
PITUITARY GLAND	G:	0.0160	0.0180	0.0080	0.0180
	% BODY :	0.00237	0.00282	0.00137	0.00310
	% BRAIN:	0.722	0.831	0.367	0.812
.....					
PROSTATE	G:	1.9620	1.2290	1.3290	1.8240
	% BODY :	0.29105	0.19245	0.22839	0.31437
	% BRAIN:	88.538	56.741	61.047	82.273
.....					
SEMINAL VESICLES	G:	2.3760	1.9470	2.3160	2.0670
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.35247	0.30489	0.39801	0.35626
	% BRAIN:	107.220	89.889	106.385	93.234
.....					
TESTIS, RIGHT	G:	1.9170	1.0460	1.8020	1.8450
	% BODY :	0.28438	0.16380	0.30968	0.31799
	% BRAIN:	86.507	48.292	82.774	83.221
.....					
EPIDIDYMIS, RIGHT	G:	0.8670	0.3480	0.7730	0.7650
	% BODY :	0.12862	0.05449	0.13284	0.13185
	% BRAIN:	39.125	16.066	35.508	34.506
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29380	B29381	B29382	B29383
.....					
EPIDIDYMIS, LEFT	G:	0.7800	0.3270	0.7420	0.6490
	% BODY :	0.11571	0.05121	0.12751	0.11186
	% BRAIN:	35.199	15.097	34.084	29.274
.....					
TESTIS, LEFT	G:	1.8750	1.2990	1.7430	1.7900
	% BODY :	0.27815	0.20341	0.29954	0.30851
	% BRAIN:	84.612	59.972	80.064	80.740
.....					
BRAIN	G:	2.2160	2.1660	2.1770	2.2170
	% BODY :	0.32873	0.33918	0.37412	0.38211
.....					
LIVER	G:	27.3500	28.1600	24.0180	23.1140
	% BODY :	4.057	4.410	4.128	3.984
	% BRAIN:	1234.206	1300.092	1103.261	1042.580
.....					
KIDNEYS	G:	5.0940	4.2980	4.9590	4.8180
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.75567	0.67303	0.85221	0.83040
	% BRAIN:	229.874	198.430	227.791	217.321
.....					
SPLEEN	G:	0.7870	0.9770	0.7570	0.6630
	% BODY :	0.11675	0.15299	0.13009	0.11427
	% BRAIN:	35.514	45.106	34.773	29.905
.....					
THYROID GLANDS	G:	0.0370	0.0200	0.0280	0.0300
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00549	0.00313	0.00481	0.00517
	% BRAIN:	1.670	0.923	1.286	1.353
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29384	B29385	B29386	B29387
DAYS ON TEST	:	124	123	124	124
DATE OF NECROPSY	:	24-NOV-03	24-NOV-03	25-NOV-03	25-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	591.2000	594.0000	597.0000	565.2000
.....					
ADRENAL GLANDS	G:	0.0710	0.0670	0.0550	0.0880
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01201	0.01128	0.00921	0.01557
	% BRAIN:	3.362	3.124	2.474	4.161
.....					
PITUITARY GLAND	G:	0.0130	0.0220	0.0100	0.0110
	% BODY :	0.00220	0.00370	0.00168	0.00195
	% BRAIN:	0.616	1.026	0.450	0.520
.....					
PROSTATE	G:	1.0950	1.6120	1.6560	1.1900
	% BODY :	0.18522	0.27138	0.27739	0.21054
	% BRAIN:	51.847	75.152	74.494	56.265
.....					
SEMINAL VESICLES	G:	1.4710	2.7270	1.5680	1.0830
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.24882	0.45909	0.26265	0.19161
	% BRAIN:	69.650	127.133	70.535	51.206
.....					
TESTIS, RIGHT	G:	1.8130	2.1030	1.7150	1.6510
	% BODY :	0.30666	0.35404	0.28727	0.29211
	% BRAIN:	85.843	98.042	77.148	78.061
.....					
EPIDIDYMIS, RIGHT	G:	0.7490	0.8740	0.7340	0.6690
	% BODY :	0.12669	0.14714	0.12295	0.11837
	% BRAIN:	35.464	40.746	33.018	31.631
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29384	B29385	B29386	B29387
.....					
EPIDIDYMIS, LEFT	G:	0.7140	0.8450	0.7280	0.6770
	% BODY :	0.12077	0.14226	0.12194	0.11978
	% BRAIN:	33.807	39.394	32.749	32.009
.....					
TESTIS, LEFT	G:	1.8660	2.0910	1.7660	1.6650
	% BODY :	0.31563	0.35202	0.29581	0.29459
	% BRAIN:	88.352	97.483	79.442	78.723
.....					
BRAIN	G:	2.1120	2.1450	2.2230	2.1150
	% BODY :	0.35724	0.36111	0.37236	0.37420
.....					
LIVER	G:	22.7360	24.1000	23.2120	19.9820
	% BODY :	3.846	4.057	3.888	3.535
	% BRAIN:	1076.515	1123.543	1044.175	944.775
.....					
KIDNEYS	G:	4.0440	4.3470	4.4770	31.0610
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.68403	0.73182	0.74992	5.496
	% BRAIN:	191.477	202.657	201.395	1468.605
.....					
SPLEEN	G:	0.6200	0.7860	0.6750	1.2000
	% BODY :	0.10487	0.13232	0.11307	0.21231
	% BRAIN:	29.356	36.643	30.364	56.738
.....					
THYROID GLANDS	G:	0.0330	0.0230	0.0240	0.0270
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00558	0.00387	0.00402	0.00478
	% BRAIN:	1.563	1.072	1.080	1.277
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29388	B29389	B29390	B29391
DAYS ON TEST	:	123	123	123	124
DATE OF NECROPSY	:	25-NOV-03	25-NOV-03	25-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	556.8000	601.7000	567.4000	574.8000
.....					
ADRENAL GLANDS	G:	0.0770	0.0710	0.0810	0.0560
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01383	0.01180	0.01428	0.00974
	% BRAIN:	3.613	3.501	3.556	2.881
.....					
PITUITARY GLAND	G:	0.0140	0.0140	0.0130	0.0140
	% BODY :	0.00251	0.00233	0.00229	0.00244
	% BRAIN:	0.657	0.690	0.571	0.720
.....					
PROSTATE	G:	1.1680	1.2630	1.4800	1.2790
	% BODY :	0.20977	0.20991	0.26084	0.22251
	% BRAIN:	54.810	62.278	64.969	65.792
.....					
SEMINAL VESICLES	G:	2.1000	1.6020	2.2950	1.5040
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.37716	0.26625	0.40448	0.26166
	% BRAIN:	98.545	78.994	100.746	77.366
.....					
TESTIS, RIGHT	G:	1.7200	1.6700	1.9600	1.1660
	% BODY :	0.30891	0.27755	0.34544	0.20285
	% BRAIN:	80.713	82.347	86.040	59.979
.....					
EPIDIDYMIS, RIGHT	G:	0.6870	0.6970	0.7880	0.3680
	% BODY :	0.12338	0.11584	0.13888	0.06402
	% BRAIN:	32.238	34.369	34.592	18.930
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29388	B29389	B29390	B29391
.....					
EPIDIDYMIS, LEFT	G:	0.6300	0.6690	0.7670	0.7250
	% BODY :	0.11315	0.11118	0.13518	0.12613
	% BRAIN:	29.564	32.988	33.670	37.294
.....					
TESTIS, LEFT	G:	1.6870	1.6010	1.9910	1.8210
	% BODY :	0.30298	0.26608	0.35090	0.31681
	% BRAIN:	79.165	78.945	87.401	93.673
.....					
BRAIN	G:	2.1310	2.0280	2.2780	1.9440
	% BODY :	0.38272	0.33705	0.40148	0.33820
.....					
LIVER	G:	21.8180	26.3020	26.4660	21.1050
	% BODY :	3.918	4.371	4.664	3.672
	% BRAIN:	1023.839	1296.943	1161.809	1085.648
.....					
KIDNEYS	G:	4.5050	4.2900	4.4070	3.4350
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.80909	0.71298	0.77670	0.59760
	% BRAIN:	211.403	211.538	193.459	176.698
.....					
SPLEEN	G:	0.9470	0.7310	0.8230	0.6050
	% BODY :	0.17008	0.12149	0.14505	0.10525
	% BRAIN:	44.439	36.045	36.128	31.121
.....					
THYROID GLANDS	G:	0.0270	0.0300	0.0280	0.0270
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00485	0.00499	0.00493	0.00470
	% BRAIN:	1.267	1.479	1.229	1.389
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29392	B29393	B29394	B29395
DAYS ON TEST	:	124	124	124	124
DATE OF NECROPSY	:	26-NOV-03	26-NOV-03	26-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	605.1000	597.4000	446.6000	501.7000
.....					
ADRENAL GLANDS	G:	0.0770	0.0740	0.0610	0.0530
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01273	0.01239	0.01366	0.01056
	% BRAIN:	3.634	3.382	3.115	2.558
.....					
PITUITARY GLAND	G:	0.0140	0.0170	0.0100	0.0110
	% BODY :	0.00231	0.00285	0.00224	0.00219
	% BRAIN:	0.661	0.777	0.511	0.531
.....					
PROSTATE	G:	1.0150	1.4370	1.3370	1.1590
	% BODY :	0.16774	0.24054	0.29937	0.23101
	% BRAIN:	47.900	65.676	68.284	55.936
.....					
SEMINAL VESICLES	G:	1.5630	1.6600	1.7020	1.4140
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.25830	0.27787	0.38110	0.28184
	% BRAIN:	73.761	75.868	86.925	68.243
.....					
TESTIS, RIGHT	G:	2.1320	1.8990	1.7480	1.8700
	% BODY :	0.35234	0.31788	0.39140	0.37273
	% BRAIN:	100.613	86.792	89.275	90.251
.....					
EPIDIDYMIS, RIGHT	G:	0.7800	0.7220	0.6600	0.5930
	% BODY :	0.12890	0.12086	0.14778	0.11820
	% BRAIN:	36.810	32.998	33.708	28.620
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29392	B29393	B29394	B29395
.....					
EPIDIDYMIS, LEFT	G:	0.7390	0.7030	0.6390	0.5960
	% BODY :	0.12213	0.11768	0.14308	0.11880
	% BRAIN:	34.875	32.130	32.635	28.764
.....					
TESTIS, LEFT	G:	2.0690	1.9450	1.7370	1.8310
	% BODY :	0.34193	0.32558	0.38894	0.36496
	% BRAIN:	97.640	88.894	88.713	88.369
.....					
BRAIN	G:	2.1190	2.1880	1.9580	2.0720
	% BODY :	0.35019	0.36625	0.43842	0.41300
.....					
LIVER	G:	21.9220	23.1600	15.7690	20.1040
	% BODY :	3.623	3.877	3.531	4.007
	% BRAIN:	1034.545	1058.501	805.363	970.270
.....					
KIDNEYS	G:	3.7830	4.1380	2.9650	3.1330
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.62519	0.69267	0.66391	0.62448
	% BRAIN:	178.528	189.122	151.430	151.207
.....					
SPLEEN	G:	0.8130	0.9150	0.6420	0.7520
	% BODY :	0.13436	0.15316	0.14375	0.14989
	% BRAIN:	38.367	41.819	32.789	36.293
.....					
THYROID GLANDS	G:	0.0330	0.0260	0.0270	0.0250
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00545	0.00435	0.00605	0.00498
	% BRAIN:	1.557	1.188	1.379	1.207
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29396	B29397	B29398	B29399
DAYS ON TEST	:	124	124	123	123
DATE OF NECROPSY	:	26-NOV-03	26-NOV-03	26-NOV-03	26-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	512.9000	573.7000	585.5000	675.2000
.....					
ADRENAL GLANDS	G:	0.0590	0.0670	0.0770	0.0590
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01150	0.01168	0.01315	0.00874
	% BRAIN:	2.911	3.184	3.709	2.895
.....					
PITUITARY GLAND	G:	0.0120	0.0150	0.0160	0.0180
	% BODY :	0.00234	0.00261	0.00273	0.00267
	% BRAIN:	0.592	0.713	0.771	0.883
.....					
PROSTATE	G:	1.1460	1.4270	1.4630	1.2960
	% BODY :	0.22344	0.24874	0.24987	0.19194
	% BRAIN:	56.537	67.823	70.472	63.592
.....					
SEMINAL VESICLES	G:	2.4180	1.8390	2.0820	2.1490
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.47144	0.32055	0.35559	0.31828
	% BRAIN:	119.290	87.405	100.289	105.447
.....					
TESTIS, RIGHT	G:	1.9010	2.0350	1.9710	1.9350
	% BODY :	0.37064	0.35472	0.33664	0.28658
	% BRAIN:	93.784	96.721	94.942	94.946
.....					
EPIDIDYMIS, RIGHT	G:	0.7410	0.7630	0.8290	0.7080
	% BODY :	0.14447	0.13300	0.14159	0.10486
	% BRAIN:	36.556	36.264	39.933	34.740
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : MALE

ANIMAL NUMBER	:	B29396	B29397	B29398	B29399
.....					
EPIDIDYMIS, LEFT	G:	0.7350	0.7780	0.3810	0.6740
	% BODY :	0.14330	0.13561	0.06507	0.09982
	% BRAIN:	36.260	36.977	18.353	33.072
.....					
TESTIS, LEFT	G:	2.0040	2.0010	1.9030	1.8610
	% BODY :	0.39072	0.34879	0.32502	0.27562
	% BRAIN:	98.865	95.105	91.667	91.315
.....					
BRAIN	G:	2.0270	2.1040	2.0760	2.0380
	% BODY :	0.39520	0.36674	0.35457	0.30184
.....					
LIVER	G:	18.6670	21.3820	21.0380	31.5700
	% BODY :	3.640	3.727	3.593	4.676
	% BRAIN:	920.918	1016.255	1013.391	1549.068
.....					
KIDNEYS	G:	4.1130	4.2550	4.0980	5.7190
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.80191	0.74168	0.69991	0.84701
	% BRAIN:	202.911	202.234	197.399	280.618
.....					
SPLEEN	G:	0.7620	0.7650	0.6080	0.7330
	% BODY :	0.14857	0.13334	0.10384	0.10856
	% BRAIN:	37.593	36.359	29.287	35.967
.....					
THYROID GLANDS	G:	0.0300	0.0290	0.0350	0.0300
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00585	0.00505	0.00598	0.00444
	% BRAIN:	1.480	1.378	1.686	1.472
.....					

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
SEX : MALE

ANIMAL NUMBER : B29400
DAYS ON TEST : 123
DATE OF NECROPSY : 26-NOV-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

FINAL BODY WEIGHT G: 686.7000
.....

ADRENAL GLANDS G: 0.0940
LEFT : -
RIGHT: -
% BODY : 0.01369
% BRAIN: 4.397
.....

PITUITARY GLAND G: 0.0170
% BODY : 0.00248
% BRAIN: 0.795
.....

PROSTATE G: 1.9940
% BODY : 0.29037
% BRAIN: 93.265
.....

SEMINAL VESICLES G: 1.6080
LEFT : -
RIGHT: -
% BODY : 0.23416
% BRAIN: 75.210
.....

TESTIS, RIGHT G: 1.8590
% BODY : 0.27072
% BRAIN: 86.950
.....

EPIDIDYMIS, RIGHT G: 0.6930
% BODY : 0.10092
% BRAIN: 32.413
.....

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
SEX : MALE

ANIMAL NUMBER : B29400
.....

EPIDIDYMIS, LEFT G: 0.6700
% BODY : 0.09757
% BRAIN: 31.338
.....

TESTIS, LEFT G: 1.8210
% BODY : 0.26518
% BRAIN: 85.173
.....

BRAIN G: 2.1380
% BODY : 0.31134
.....

LIVER G: 27.4030
% BODY : 3.991
% BRAIN: 1281.712
.....

KIDNEYS G: 4.5980
LEFT : -
RIGHT: -
% BODY : 0.66958
% BRAIN: 215.061
.....

SPLEEN G: 0.9430
% BODY : 0.13732
% BRAIN: 44.107
.....

THYROID GLANDS G: 0.0270
LEFT : -
RIGHT: -
% BODY : 0.00393
% BRAIN: 1.263
.....

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

		B29776	B29777	B29778	B29779
ANIMAL NUMBER	:	B29776	B29777	B29778	B29779
DAYS ON TEST	:	119	47	97	114
DATE OF NECROPSY	:	18-NOV-03	07-SEP-03	27-OCT-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/+1	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	302.1000	-	269.4000	343.1000
.....					
ADRENAL GLANDS	G:	0.0560	-	0.0850	0.0730
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.01854		0.03155	0.02128
	% BRAIN:	3.067		4.493	3.530
.....					
PITUITARY GLAND	G:	0.0110	-	0.0140	0.0130
	% BODY :	0.00364		0.00520	0.00379
	% BRAIN:	0.602		0.740	0.629
.....					
OVARIES	G:	0.2020	-	0.1500	0.1850
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.06687		0.05568	0.05392
	% BRAIN:	11.062		7.928	8.946
.....					
UTERUS	G:	0.7670	-	0.4810	0.6160
	% BODY :	0.25389		0.17854	0.17954
	% BRAIN:	42.004		25.423	29.787
.....					
BRAIN	G:	1.8260	-	1.8920	2.0680
	% BODY :	0.60444		0.70230	0.60274
.....					
LIVER	G:	16.6390	-	9.4060	16.3780
	% BODY :	5.508		3.491	4.774
	% BRAIN:	911.227		497.146	791.973
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29776	B29777	B29778	B29779
.....					
KIDNEYS	G:	2.3310	-	2.2530	2.7170
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.77160		0.83630	0.79190
	% BRAIN:	127.656		119.080	131.383
.....					
SPLEEN	G:	0.8770	-	0.5790	0.6020
	% BODY :	0.29030		0.21492	0.17546
	% BRAIN:	48.028		30.603	29.110
.....					
THYROID GLANDS	G:	0.0190	-	0.0180	0.0180
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00629		0.00668	0.00525
	% BRAIN:	1.041		0.951	0.870
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29778
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29780	B29781	B29782	B29783
DAYS ON TEST	:	117	117	114	117
DATE OF NECROPSY	:	17-NOV-03	17-NOV-03	14-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	339.0000	341.8000	377.1000	338.4000
.....					
ADRENAL GLANDS	G:	0.0700	0.1070	0.0910	0.0910
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02065	0.03130	0.02413	0.02689
	% BRAIN:	3.627	5.459	4.487	4.715
.....					
PITUITARY GLAND	G:	0.0200	0.0130	0.0150	0.0150
	% BODY :	0.00590	0.00380	0.00398	0.00443
	% BRAIN:	1.036	0.663	0.740	0.777
.....					
OVARIES	G:	0.1600	0.1720	0.1980	0.1550
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04720	0.05032	0.05251	0.04580
	% BRAIN:	8.290	8.776	9.763	8.031
.....					
UTERUS	G:	0.7600	0.5100	0.4690	0.5230
	% BODY :	0.22419	0.14921	0.12437	0.15455
	% BRAIN:	39.378	26.020	23.126	27.098
.....					
BRAIN	G:	1.9300	1.9600	2.0280	1.9300
	% BODY :	0.56932	0.57343	0.53779	0.57033
.....					
LIVER	G:	17.9600	16.9340	20.5180	19.1410
	% BODY :	5.298	4.954	5.441	5.656
	% BRAIN:	930.570	863.980	1011.736	991.762
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29780	B29781	B29782	B29783
.....					
KIDNEYS	G:	2.5700	2.9590	2.9990	3.0140
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.75811	0.86571	0.79528	0.89066
	% BRAIN:	133.161	150.969	147.880	156.166
.....					
SPLEEN	G:	0.7200	0.7130	0.7770	0.6630
	% BODY :	0.21239	0.20860	0.20605	0.19592
	% BRAIN:	37.306	36.378	38.314	34.352
.....					
THYROID GLANDS	G:	0.0300	0.0230	0.0240	0.0200
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00885	0.00673	0.00636	0.00591
	% BRAIN:	1.554	1.173	1.183	1.036
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29784	B29785	B29786	B29787
DAYS ON TEST	:	114	113	90	90
DATE OF NECROPSY	:	14-NOV-03	14-NOV-03	22-OCT-03	22-OCT-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	331.2000	321.6000	324.7000	438.2000
.....					
ADRENAL GLANDS	G:	0.0670	0.0790	0.0740	0.0660
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02023	0.02456	0.02279	0.01506
	% BRAIN:	3.172	4.091	3.762	3.541
.....					
PITUITARY GLAND	G:	0.0140	0.0140	0.0150	0.0140
	% BODY :	0.00423	0.00435	0.00462	0.00319
	% BRAIN:	0.663	0.725	0.763	0.751
.....					
OVARIES	G:	0.1490	0.1390	0.1680	0.1960
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04499	0.04322	0.05174	0.04473
	% BRAIN:	7.055	7.198	8.541	10.515
.....					
UTERUS	G:	0.8510	0.4670	0.5050	4.1590
	% BODY :	0.25694	0.14521	0.15553	0.94911
	% BRAIN:	40.294	24.184	25.674	223.122
.....					
BRAIN	G:	2.1120	1.9310	1.9670	1.8640
	% BODY :	0.63768	0.60044	0.60579	0.42538
.....					
LIVER	G:	17.5540	18.1290	12.0250	16.8870
	% BODY :	5.300	5.637	3.703	3.854
	% BRAIN:	831.155	938.840	611.337	905.955
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29784	B29785	B29786	B29787
.....					
KIDNEYS	G:	2.7120	2.3870	2.6400	2.1610
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.81884	0.74223	0.81306	0.49315
	% BRAIN:	128.409	123.615	134.215	115.933
.....					
SPLEEN	G:	0.4730	0.6180	0.5840	0.6160
	% BODY :	0.14281	0.19216	0.17986	0.14058
	% BRAIN:	22.396	32.004	29.690	33.047
.....					
THYROID GLANDS	G:	0.0230	0.0190	0.0190	0.0320
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00694	0.00591	0.00585	0.00730
	% BRAIN:	1.089	0.984	0.966	1.717
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29786
 * UTERUS
 FEMALE NOT PREGNANT, CONSEQUENTLY EXCLUDED

ANIMAL NUMBER : B29787
 * UTERUS
 FEMALE NOT MATED, CONSEQUENTLY EXCLUDED

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29788	B29789	B29790	B29791
DAYS ON TEST	:	112	115	115	111
DATE OF NECROPSY	:	14-NOV-03	17-NOV-03	17-NOV-03	13-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	302.2000	360.6000	296.0000	341.5000
.....					
ADRENAL GLANDS	G:	0.0760	0.0820	0.0570	0.0760
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02515	0.02274	0.01926	0.02225
	% BRAIN:	3.897	4.314	2.946	3.815
.....					
PITUITARY GLAND	G:	0.0120	0.0130	0.0090	0.0190
	% BODY :	0.00397	0.00361	0.00304	0.00556
	% BRAIN:	0.615	0.684	0.465	0.954
.....					
OVARIES	G:	0.1440	0.1770	0.1510	0.1870
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04765	0.04908	0.05101	0.05476
	% BRAIN:	7.385	9.311	7.804	9.388
.....					
UTERUS	G:	0.4060	0.5690	0.4980	0.5040
	% BODY :	0.13435	0.15779	0.16824	0.14758
	% BRAIN:	20.821	29.932	25.736	25.301
.....					
BRAIN	G:	1.9500	1.9010	1.9350	1.9920
	% BODY :	0.64527	0.52718	0.65372	0.58331
.....					
LIVER	G:	15.3720	18.4040	16.2300	17.3180
	% BODY :	5.087	5.104	5.483	5.071
	% BRAIN:	788.308	968.122	838.760	869.378
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29788	B29789	B29790	B29791
.....					
KIDNEYS	G:	2.1720	2.7140	2.4650	2.6820
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.71873	0.75263	0.83277	0.78536
	% BRAIN:	111.385	142.767	127.390	134.639
.....					
SPLEEN	G:	0.6510	0.7250	0.7390	0.6060
	% BODY :	0.21542	0.20105	0.24966	0.17745
	% BRAIN:	33.385	38.138	38.191	30.422
.....					
THYROID GLANDS	G:	0.0210	0.0230	0.0160	0.0260
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00695	0.00638	0.00541	0.00761
	% BRAIN:	1.077	1.210	0.827	1.305
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29792	B29793	B29794	B29795
DAYS ON TEST	:	115	111	111	112
DATE OF NECROPSY	:	17-NOV-03	13-NOV-03	13-NOV-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	320.5000	303.8000	276.5000	322.9000
.....					
ADRENAL GLANDS	G:	0.0750	0.0730	0.0610	0.0720
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02340	0.02403	0.02206	0.02230
	% BRAIN:	3.796	3.800	3.283	3.867
.....					
PITUITARY GLAND	G:	0.0120	0.0120	0.0160	0.0140
	% BODY :	0.00374	0.00395	0.00579	0.00434
	% BRAIN:	0.607	0.625	0.861	0.752
.....					
OVARIES	G:	0.1690	0.1470	0.1040	0.1320
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.05273	0.04839	0.03761	0.04088
	% BRAIN:	8.553	7.652	5.597	7.089
.....					
UTERUS	G:	0.5200	0.5140	0.4270	0.4170
	% BODY :	0.16225	0.16919	0.15443	0.12914
	% BRAIN:	26.316	26.757	22.982	22.395
.....					
BRAIN	G:	1.9760	1.9210	1.8580	1.8620
	% BODY :	0.61654	0.63232	0.67197	0.57665
.....					
LIVER	G:	14.8400	15.7020	15.0770	17.2050
	% BODY :	4.630	5.169	5.453	5.328
	% BRAIN:	751.012	817.387	811.464	924.006
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29792	B29793	B29794	B29795
.....					
KIDNEYS	G:	2.4370	2.1070	2.1920	2.1150
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.76037	0.69355	0.79277	0.65500
	% BRAIN:	123.330	109.682	117.976	113.588
.....					
SPLEEN	G:	0.7340	0.5970	0.5240	0.5980
	% BODY :	0.22902	0.19651	0.18951	0.18520
	% BRAIN:	37.146	31.078	28.202	32.116
.....					
THYROID GLANDS	G:	0.0190	0.0200	0.0180	0.0170
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00593	0.00658	0.00651	0.00526
	% BRAIN:	0.962	1.041	0.969	0.913
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29796	B29797	B29798	B29799
DAYS ON TEST	:	110	111	88	93
DATE OF NECROPSY	:	12-NOV-03	13-NOV-03	22-OCT-03	27-OCT-03
DEFND./ACTUAL NECR.STATE:	:	K0/K0	K0/K0	K0/K0	K0/+2
.....					
FINAL BODY WEIGHT	G:	325.0000	284.1000	427.3000	336.2000
.....					
ADRENAL GLANDS	G:	0.0670	0.0750	0.0630	0.0810
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.02062	0.02640	0.01474	0.02409
	% BRAIN:	3.805	3.966	3.172	4.012
.....					
PITUITARY GLAND	G:	0.0120	0.0150	0.0130	0.0150
	% BODY :	0.00369	0.00528	0.00304	0.00446
	% BRAIN:	0.681	0.793	0.655	0.743
.....					
OVARIES	G:	0.1620	0.1410	0.1890	0.2150
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.04985	0.04963	0.04423	0.06395
	% BRAIN:	9.199	7.456	9.517	10.649
.....					
UTERUS	G:	0.4800	0.5390	4.8330	0.7850
	% BODY :	0.14769	0.18972	1.131	0.23349
	% BRAIN:	27.257	28.503	243.353	38.881
.....					
BRAIN	G:	1.7610	1.8910	1.9860	2.0190
	% BODY :	0.54185	0.66561	0.46478	0.60054
.....					
LIVER	G:	18.1100	14.0150	15.5490	13.1860
	% BODY :	5.572	4.933	3.639	3.922
	% BRAIN:	1028.393	741.142	782.931	653.096
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
 SEX : FEMALE

ANIMAL NUMBER	:	B29796	B29797	B29798	B29799
.....					
KIDNEYS	G:	2.5380	2.3080	2.2270	2.7190
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.78092	0.81239	0.52118	0.80874
	% BRAIN:	144.123	122.052	112.135	134.671
.....					
SPLEEN	G:	0.6260	0.6070	0.5920	0.6270
	% BODY :	0.19262	0.21366	0.13854	0.18650
	% BRAIN:	35.548	32.099	29.809	31.055
.....					
THYROID GLANDS	G:	0.0180	0.0140	0.0220	0.0270
	LEFT :	-	-	-	-
	RIGHT:	-	-	-	-
	% BODY :	0.00554	0.00493	0.00515	0.00803
	% BRAIN:	1.022	0.740	1.108	1.337
.....					

WEIGHT COMMENTS

ANIMAL NUMBER : B29798

* UTERUS

FEMALE NOT MATED, CONSEQUENTLY EXCLUDED

ANIMAL NUMBER : B29799

* FINAL BODY WEIGHT

FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
 CONSEQUENTLY EXCLUDED

* ADRENAL GLANDS

FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
 CONSEQUENTLY EXCLUDED

* PITUITARY GLAND

FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
 CONSEQUENTLY EXCLUDED

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
SEX : FEMALE

- * OVARIES
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * UTERUS
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * BRAIN
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * LIVER
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * KIDNEYS
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * SPLEEN
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED
- * THYROID GLANDS
FEMALE PREMATURELY SACRIFICED, VALUE TAKEN BY EXCESS,
CONSEQUENTLY EXCLUDED

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
SEX : FEMALE

ANIMAL NUMBER : B29800
DAYS ON TEST : 114
DATE OF NECROPSY : 17-NOV-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

FINAL BODY WEIGHT G: 310.8000
.....

ADRENAL GLANDS G: 0.0740
LEFT : -
RIGHT: -
% BODY : 0.02381
% BRAIN: 3.812
.....

PITUITARY GLAND G: 0.0110
% BODY : 0.00354
% BRAIN: 0.567
.....

OVARIES G: 0.1670
LEFT : -
RIGHT: -
% BODY : 0.05373
% BRAIN: 8.604
.....

UTERUS G: 0.5470
% BODY : 0.17600
% BRAIN: 28.181
.....

BRAIN G: 1.9410
% BODY : 0.62452
.....

LIVER G: 16.3240
% BODY : 5.252
% BRAIN: 841.010
.....

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F1 PARENTS

DOSE GROUP : 4, 1000mg/kg/d.F1
SEX : FEMALE

ANIMAL NUMBER : B29800
.....

KIDNEYS G: 2.6230
LEFT : -
RIGHT: -
% BODY : 0.84395
% BRAIN: 135.137
.....

SPLEEN G: 0.7160
% BODY : 0.23037
% BRAIN: 36.888
.....

THYROID GLANDS G: 0.0260
LEFT : -
RIGHT: -
% BODY : 0.00837
% BRAIN: 1.340
.....

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS

Explanation of Symbols:

- 0 = Tissue/Organ not weighed
* = Tissue/Organ weighed after fixation

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 1, 0mg/kg/d.F2P
 SEX : MALE

		9701-02	9702-02	9704-03	9705-02
ANIMAL NUMBER	:	9701-02	9702-02	9704-03	9705-02
DAYS ON TEST	:	24	24	22	24
DATE OF NECROPSY	:	17-NOV-03	17-NOV-03	12-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	64.4420	69.4440	52.3760	55.9500
.....					
BRAIN	G:	1.3180	1.4720	1.5310	1.4450
	% BODY :	2.045	2.120	2.923	2.583
.....					
SPLEEN	G:	0.3080	0.3860	0.2640	0.3110
	% BODY :	0.47795	0.55584	0.50405	0.55585
	% BRAIN:	23.369	26.223	17.244	21.522
.....					
THYMUS	G:	0.2960	0.2670	0.2380	0.2200
	% BODY :	0.45933	0.38448	0.45441	0.39321
	% BRAIN:	22.458	18.139	15.545	15.225
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 1, 0mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9706-02	9708-01	9709-03	9710-02
DAYS ON TEST	:	24	22	22	22
DATE OF NECROPSY	:	17-NOV-03	14-NOV-03	13-NOV-03	13-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	74.0030	29.9290	61.6560	51.4460
.....					
BRAIN	G:	1.3070	1.3440	1.4940	1.5300
	% BODY :	1.766	4.491	2.423	2.974
.....					
SPLEEN	G:	0.2960	0.1070	0.3600	0.2810
	% BODY :	0.39998	0.35751	0.58388	0.54620
	% BRAIN:	22.647	7.961	24.096	18.366
.....					
THYMUS	G:	0.2760	0.1680	0.2700	0.2010
	% BODY :	0.37296	0.56133	0.43791	0.39070
	% BRAIN:	21.117	12.500	18.072	13.137
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 1, 0mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9711-02	9713-02	9714-01	9715-03
DAYS ON TEST	:	22	24	22	24
DATE OF NECROPSY	:	13-NOV-03	17-NOV-03	21-NOV-03	18-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	50.7650	61.1800	67.0400	72.4130
.....					
BRAIN	G:	1.5030	1.4550	1.5930	1.5800
	% BODY :	2.961	2.378	2.376	2.182
.....					
SPLEEN	G:	0.2940	0.2790	0.4220	0.3470
	% BODY :	0.57914	0.45603	0.62947	0.47920
	% BRAIN:	19.561	19.175	26.491	21.962
.....					
THYMUS	G:	0.2800	0.2880	0.3450	0.3290
	% BODY :	0.55156	0.47074	0.51462	0.45434
	% BRAIN:	18.629	19.794	21.657	20.823
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 1, 0mg/kg/d.F2P
 SEX : MALE

		9716-01	9717-03	9718-03	9719-02
ANIMAL NUMBER	:	9716-01	9717-03	9718-03	9719-02
DAYS ON TEST	:	24	24	22	22
DATE OF NECROPSY	:	17-NOV-03	18-NOV-03	12-NOV-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	58.2890	60.5690	54.9420	55.8960
.....					
BRAIN	G:	1.4730	1.5130	1.5120	1.4940
	% BODY :	2.527	2.498	2.752	2.673
.....					
SPLEEN	G:	0.2260	0.2790	0.3140	0.3080
	% BODY :	0.38772	0.46063	0.57151	0.55102
	% BRAIN:	15.343	18.440	20.767	20.616
.....					
THYMUS	G:	0.2670	0.2740	0.3140	0.2580
	% BODY :	0.45806	0.45238	0.57151	0.46157
	% BRAIN:	18.126	18.110	20.767	17.269
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 1, 0mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9721-02	9722-02	9723-02	9724-02
DAYS ON TEST	:	22	22	22	24
DATE OF NECROPSY	:	14-NOV-03	14-NOV-03	14-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	63.2390	64.7320	52.1050	76.2090
.....					
BRAIN	G:	1.3700	1.4870	1.5430	1.5590
	% BODY :	2.166	2.297	2.961	2.046
.....					
SPLEEN	G:	0.3600	0.4050	0.2500	0.3500
	% BODY :	0.56927	0.62566	0.47980	0.45926
	% BRAIN:	26.277	27.236	16.202	22.450
.....					
THYMUS	G:	0.3070	0.3430	0.2640	0.4080
	% BODY :	0.48546	0.52988	0.50667	0.53537
	% BRAIN:	22.409	23.067	17.110	26.171
.....					

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F2 PUPS

DOSE GROUP : 1, 0mg/kg/d.F2P
SEX : MALE

ANIMAL NUMBER : 9725-03
DAYS ON TEST : 24
DATE OF NECROPSY : 17-NOV-03
DEFND./ACTUAL NECR.STATE: K0/K0
.....

FINAL BODY WEIGHT G: 71.0240
.....

BRAIN G: 1.4170
% BODY : 1.995
.....

SPLEEN G: 0.3580
% BODY : 0.50405
% BRAIN: 25.265
.....

THYMUS G: 0.2650
% BODY : 0.37311
% BRAIN: 18.701
.....

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 1, 0mg/kg/d.F2P
 SEX : FEMALE

		9701-09	9702-08	9704-08	9705-09
ANIMAL NUMBER	:	9701-09	9702-08	9704-08	9705-09
DAYS ON TEST	:	24	24	22	24
DATE OF NECROPSY	:	17-NOV-03	17-NOV-03	12-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	60.1300	65.3000	56.5750	49.8060
.....					
BRAIN	G:	1.5500	1.4480	1.4710	1.4050
	% BODY :	2.578	2.217	2.600	2.821
.....					
SPLEEN	G:	0.2920	0.3170	0.3270	0.2470
	% BODY :	0.48561	0.48545	0.57799	0.49592
	% BRAIN:	18.839	21.892	22.230	17.580
.....					
THYMUS	G:	0.2830	0.2350	0.3030	0.2170
	% BODY :	0.47065	0.35988	0.53557	0.43569
	% BRAIN:	18.258	16.229	20.598	15.445
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 1, 0mg/kg/d.F2P
 SEX : FEMALE

ANIMAL NUMBER	:	9706-10	9708-11	9709-08	9710-13
DAYS ON TEST	:	24	22	22	22
DATE OF NECROPSY	:	17-NOV-03	14-NOV-03	13-NOV-03	13-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	70.1160	42.1490	54.9430	53.5760
.....					
BRAIN	G:	1.5340	1.3520	1.4670	1.6020
	% BODY :	2.188	3.208	2.670	2.990
.....					
SPLEEN	G:	0.3380	0.1470	0.3240	0.2910
	% BODY :	0.48206	0.34876	0.58970	0.54315
	% BRAIN:	22.034	10.873	22.086	18.165
.....					
THYMUS	G:	0.3320	0.1900	0.2500	0.2190
	% BODY :	0.47350	0.45078	0.45502	0.40877
	% BRAIN:	21.643	14.053	17.042	13.670
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 1, 0mg/kg/d.F2P
 SEX : FEMALE

		9711-13	9713-09	9714-03	9715-10
ANIMAL NUMBER	:	9711-13	9713-09	9714-03	9715-10
DAYS ON TEST	:	22	24	22	24
DATE OF NECROPSY	:	13-NOV-03	17-NOV-03	21-NOV-03	18-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	46.8320	63.8540	57.0810	63.9570
.....					
BRAIN	G:	1.4830	1.4810	1.5110	1.4780
	% BODY :	3.167	2.319	2.647	2.311
.....					
SPLEEN	G:	0.2480	0.3180	0.3550	0.3760
	% BODY :	0.52955	0.49801	0.62192	0.58789
	% BRAIN:	16.723	21.472	23.494	25.440
.....					
THYMUS	G:	0.2260	0.3520	0.3220	0.3520
	% BODY :	0.48258	0.55126	0.56411	0.55037
	% BRAIN:	15.239	23.768	21.310	23.816
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 1, 0mg/kg/d.F2P
 SEX : FEMALE

		9716-08	9717-08	9719-07	9721-09
ANIMAL NUMBER	:	9716-08	9717-08	9719-07	9721-09
DAYS ON TEST	:	24	24	22	22
DATE OF NECROPSY	:	17-NOV-03	18-NOV-03	14-NOV-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	51.9870	51.4370	55.1940	58.6530
.....					
BRAIN	G:	1.4390	1.4200	1.4520	1.4340
	% BODY :	2.768	2.761	2.631	2.445
.....					
SPLEEN	G:	0.2230	0.2710	0.2800	0.3940
	% BODY :	0.42895	0.52686	0.50730	0.67175
	% BRAIN:	15.497	19.085	19.284	27.476
.....					
THYMUS	G:	0.2520	0.2320	0.2120	0.2780
	% BODY :	0.48474	0.45104	0.38410	0.47397
	% BRAIN:	17.512	16.338	14.601	19.386
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 1, 0mg/kg/d.F2P
 SEX : FEMALE

ANIMAL NUMBER	:	9722-13	9723-09	9724-07	9725-07
DAYS ON TEST	:	22	22	24	24
DATE OF NECROPSY	:	14-NOV-03	14-NOV-03	17-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	56.2190	53.0660	70.0740	60.6010
.....					
BRAIN	G:	1.4800	1.4380	1.5010	1.4520
	% BODY :	2.633	2.710	2.142	2.396
.....					
SPLEEN	G:	0.3280	0.2410	0.3870	0.3280
	% BODY :	0.58343	0.45415	0.55227	0.54125
	% BRAIN:	22.162	16.759	25.783	22.590
.....					
THYMUS	G:	0.3390	0.2880	0.3860	0.2440
	% BODY :	0.60300	0.54272	0.55085	0.40263
	% BRAIN:	22.905	20.028	25.716	16.804
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 2, 250mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9726-03	9727-01	9728-03	9729-03
DAYS ON TEST	:	24	23	22	22
DATE OF NECROPSY	:	17-NOV-03	18-NOV-03	14-NOV-03	12-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	61.0150	59.0090	56.6610	53.5420
.....					
BRAIN	G:	1.3570	1.5390	1.5140	1.3850
	% BODY :	2.224	2.608	2.672	2.587
.....					
SPLEEN	G:	0.3060	0.2450	0.2250	0.2790
	% BODY :	0.50152	0.41519	0.39710	0.52109
	% BRAIN:	22.550	15.919	14.861	20.144
.....					
THYMUS	G:	0.2480	0.2310	0.2220	0.2490
	% BODY :	0.40646	0.39147	0.39180	0.46506
	% BRAIN:	18.276	15.010	14.663	17.978
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 2, 250mg/kg/d.F2P
 SEX : MALE

		9731-02	9732-01	9733-03	9734-01
ANIMAL NUMBER	:	9731-02	9732-01	9733-03	9734-01
DAYS ON TEST	:	22	24	22	22
DATE OF NECROPSY	:	13-NOV-03	24-NOV-03	14-NOV-03	25-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	61.6880	56.0810	50.7400	56.5640
.....					
BRAIN	G:	1.5180	1.4970	1.4730	1.5800
	% BODY :	2.461	2.669	2.903	2.793
.....					
SPLEEN	G:	0.3040	0.3200	0.2460	0.2340
	% BODY :	0.49280	0.57060	0.48482	0.41369
	% BRAIN:	20.026	21.376	16.701	14.810
.....					
THYMUS	G:	0.2690	0.2570	0.2260	0.2830
	% BODY :	0.43607	0.45827	0.44541	0.50032
	% BRAIN:	17.721	17.168	15.343	17.911
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 2, 250mg/kg/d.F2P
 SEX : MALE

		9735-03	9736-02	9740-03	9741-03
ANIMAL NUMBER	:	9735-03	9736-02	9740-03	9741-03
DAYS ON TEST	:	24	22	22	24
DATE OF NECROPSY	:	18-NOV-03	13-NOV-03	14-NOV-03	18-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	73.9910	62.9910	46.0610	63.7870
.....					
BRAIN	G:	1.6790	1.5430	1.4510	1.5620
	% BODY :	2.269	2.450	3.150	2.449
.....					
SPLEEN	G:	0.2470	0.4010	0.1960	0.5970
	% BODY :	0.33382	0.63660	0.42552	0.93593
	% BRAIN:	14.711	25.988	13.508	38.220
.....					
THYMUS	G:	0.3060	0.3210	0.2760	0.2500
	% BODY :	0.41356	0.50960	0.59921	0.39193
	% BRAIN:	18.225	20.804	19.021	16.005
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 2, 250mg/kg/d.F2P
 SEX : MALE

		9742-02	9743-02	9744-03	9745-02
ANIMAL NUMBER	:	9742-02	9743-02	9744-03	9745-02
DAYS ON TEST	:	22	22	24	24
DATE OF NECROPSY	:	13-NOV-03	13-NOV-03	18-NOV-03	18-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	60.1600	38.3240	73.1410	69.1750
.....					
BRAIN	G:	1.5390	1.4020	1.6210	1.6290
	% BODY :	2.558	3.658	2.216	2.355
.....					
SPLEEN	G:	0.3140	0.1480	0.3100	0.3300
	% BODY :	0.52194	0.38618	0.42384	0.47705
	% BRAIN:	20.403	10.556	19.124	20.258
.....					
THYMUS	G:	0.2700	0.1310	0.2710	0.2950
	% BODY :	0.44880	0.34182	0.37052	0.42645
	% BRAIN:	17.544	9.344	16.718	18.109
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 2, 250mg/kg/d.F2P
 SEX : MALE

		9747-02	9748-02	9749-02	9750-03
ANIMAL NUMBER	:	9747-02	9748-02	9749-02	9750-03
DAYS ON TEST	:	24	22	22	24
DATE OF NECROPSY	:	18-NOV-03	13-NOV-03	13-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	69.8950	54.3390	53.0620	71.0580
.....					
BRAIN	G:	1.5410	1.4850	1.5450	1.5080
	% BODY :	2.205	2.733	2.912	2.122
.....					
SPLEEN	G:	0.2490	0.3350	0.2390	0.3850
	% BODY :	0.35625	0.61650	0.45042	0.54181
	% BRAIN:	16.158	22.559	15.469	25.531
.....					
THYMUS	G:	0.3020	0.2280	0.2520	0.3300
	% BODY :	0.43208	0.41959	0.47492	0.46441
	% BRAIN:	19.598	15.354	16.311	21.883
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 2, 250mg/kg/d.F2P
 SEX : FEMALE

ANIMAL NUMBER	:	9726-10	9727-07	9728-11	9729-10
DAYS ON TEST	:	24	23	22	22
DATE OF NECROPSY	:	17-NOV-03	18-NOV-03	14-NOV-03	12-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	64.1500	58.0970	52.4930	50.0490
.....					
BRAIN	G:	1.3470	1.4280	1.4860	1.3120
	% BODY :	2.100	2.458	2.831	2.621
.....					
SPLEEN	G:	0.2600	0.2480	0.2330	0.2440
	% BODY :	0.40530	0.42687	0.44387	0.48752
	% BRAIN:	19.302	17.367	15.680	18.598
.....					
THYMUS	G:	0.2800	0.2190	0.2080	0.2120
	% BODY :	0.43648	0.37696	0.39624	0.42358
	% BRAIN:	20.787	15.336	13.997	16.159
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 2, 250mg/kg/d.F2P
 SEX : FEMALE

		9731-09	9732-07	9733-08	9734-11
ANIMAL NUMBER	:	9731-09	9732-07	9733-08	9734-11
DAYS ON TEST	:	22	24	22	22
DATE OF NECROPSY	:	13-NOV-03	24-NOV-03	14-NOV-03	25-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	53.0580	51.1500	49.3140	54.9230
.....					
BRAIN	G:	1.4770	1.4800	1.4540	1.3750
	% BODY :	2.784	2.893	2.948	2.504
.....					
SPLEEN	G:	0.2660	0.2880	0.2640	0.3030
	% BODY :	0.50134	0.56305	0.53534	0.55168
	% BRAIN:	18.009	19.459	18.157	22.036
.....					
THYMUS	G:	0.2770	0.2740	0.2670	0.2670
	% BODY :	0.52207	0.53568	0.54143	0.48614
	% BRAIN:	18.754	18.514	18.363	19.418
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 2, 250mg/kg/d.F2P
 SEX : FEMALE

		9735-09	9736-11	9740-09	9741-11
ANIMAL NUMBER	:	9735-09	9736-11	9740-09	9741-11
DAYS ON TEST	:	24	22	22	24
DATE OF NECROPSY	:	18-NOV-03	13-NOV-03	14-NOV-03	18-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	68.2810	54.8570	46.1240	58.4000
.....					
BRAIN	G:	1.5510	1.4990	1.4780	1.4540
	% BODY :	2.271	2.733	3.204	2.490
.....					
SPLEEN	G:	0.1910	0.2800	0.2690	0.3030
	% BODY :	0.27973	0.51042	0.58321	0.51884
	% BRAIN:	12.315	18.679	18.200	20.839
.....					
THYMUS	G:	0.2840	0.2830	0.3040	0.3330
	% BODY :	0.41593	0.51589	0.65909	0.57021
	% BRAIN:	18.311	18.879	20.568	22.902
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 2, 250mg/kg/d.F2P
 SEX : FEMALE

		9742-06	9743-06	9744-09	9745-09
ANIMAL NUMBER	:				
DAYS ON TEST	:	22	22	24	24
DATE OF NECROPSY	:	13-NOV-03	13-NOV-03	18-NOV-03	18-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	61.1100	55.7870	69.6640	62.0800
.....					
BRAIN	G:	1.4710	1.4240	1.5510	1.5310
	% BODY :	2.407	2.553	2.226	2.466
.....					
SPLEEN	G:	0.3910	0.2520	0.3230	0.3090
	% BODY :	0.63983	0.45172	0.46365	0.49774
	% BRAIN:	26.581	17.697	20.825	20.183
.....					
THYMUS	G:	0.2760	0.1990	0.2720	0.2870
	% BODY :	0.45164	0.35671	0.39045	0.46231
	% BRAIN:	18.763	13.975	17.537	18.746
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 2, 250mg/kg/d.F2P
 SEX : FEMALE

		9747-10	9748-09	9749-07	9750-13
ANIMAL NUMBER	:	9747-10	9748-09	9749-07	9750-13
DAYS ON TEST	:	24	22	22	24
DATE OF NECROPSY	:	18-NOV-03	13-NOV-03	13-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	66.4810	50.2130	52.7270	64.9560
.....					
BRAIN	G:	1.4460	1.4350	1.3970	1.4640
	% BODY :	2.175	2.858	2.649	2.254
.....					
SPLEEN	G:	0.2730	0.3430	0.2540	0.3800
	% BODY :	0.41064	0.68309	0.48173	0.58501
	% BRAIN:	18.880	23.902	18.182	25.956
.....					
THYMUS	G:	0.3100	0.1980	0.2520	0.3440
	% BODY :	0.46630	0.39432	0.47793	0.52959
	% BRAIN:	21.438	13.798	18.039	23.497
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
 SEX : MALE

		9751-03	9752-03	9753-03	9754-03
ANIMAL NUMBER	:	9751-03	9752-03	9753-03	9754-03
DAYS ON TEST	:	24	22	22	24
DATE OF NECROPSY	:	17-NOV-03	14-NOV-03	14-NOV-03	18-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	58.5470	51.8540	63.5650	65.9520
.....					
BRAIN	G:	1.3660	1.4350	1.4220	1.5310
	% BODY :	2.333	2.767	2.237	2.321
.....					
SPLEEN	G:	0.3080	0.2440	0.2600	0.3840
	% BODY :	0.52607	0.47055	0.40903	0.58224
	% BRAIN:	22.548	17.003	18.284	25.082
.....					
THYMUS	G:	0.2530	0.1840	0.1770	0.3260
	% BODY :	0.43213	0.35484	0.27846	0.49430
	% BRAIN:	18.521	12.822	12.447	21.293
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9755-02	9756-02	9757-02	9758-02
DAYS ON TEST	:	22	24	24	24
DATE OF NECROPSY	:	13-NOV-03	17-NOV-03	17-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	44.7570	57.2610	65.5300	73.7560
.....					
BRAIN	G:	1.4560	1.4160	1.5370	1.6000
	% BODY :	3.253	2.473	2.345	2.169
.....					
SPLEEN	G:	0.2170	0.2720	0.2930	0.3000
	% BODY :	0.48484	0.47502	0.44712	0.40675
	% BRAIN:	14.904	19.209	19.063	18.750
.....					
THYMUS	G:	0.1810	0.2100	0.2320	0.3180
	% BODY :	0.40441	0.36674	0.35404	0.43115
	% BRAIN:	12.431	14.831	15.094	19.875
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9759-02	9760-02	9763-02	9764-02
DAYS ON TEST	:	24	22	24	24
DATE OF NECROPSY	:	17-NOV-03	13-NOV-03	17-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	69.9580	58.3540	76.9280	77.0520
.....					
BRAIN	G:	1.5460	1.5470	1.6390	1.6390
	% BODY :	2.210	2.651	2.131	2.127
.....					
SPLEEN	G:	0.3720	0.4310	0.3470	0.3760
	% BODY :	0.53175	0.73860	0.45107	0.48798
	% BRAIN:	24.062	27.860	21.171	22.941
.....					
THYMUS	G:	0.3450	0.2130	0.3280	0.3200
	% BODY :	0.49315	0.36501	0.42637	0.41530
	% BRAIN:	22.316	13.769	20.012	19.524
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
 SEX : MALE

		9765-02	9766-03	9767-01	9768-02
ANIMAL NUMBER	:	9765-02	9766-03	9767-01	9768-02
DAYS ON TEST	:	22	22	23	22
DATE OF NECROPSY	:	13-NOV-03	12-NOV-03	18-NOV-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	58.6010	43.0250	46.0000	52.3450
.....					
BRAIN	G:	1.4650	1.3530	1.4230	1.4550
	% BODY :	2.500	3.145	3.093	2.780
.....					
SPLEEN	G:	0.3450	0.2070	0.2150	0.2590
	% BODY :	0.58873	0.48112	0.46739	0.49479
	% BRAIN:	23.549	15.299	15.109	17.801
.....					
THYMUS	G:	0.3020	0.1420	0.2060	0.2520
	% BODY :	0.51535	0.33004	0.44783	0.48142
	% BRAIN:	20.614	10.495	14.476	17.320
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9769-02	9770-03	9771-02	9772-02
DAYS ON TEST	:	22	22	24	22
DATE OF NECROPSY	:	13-NOV-03	14-NOV-03	17-NOV-03	13-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	46.4910	44.8190	68.0970	53.5900
.....					
BRAIN	G:	1.3230	1.4350	1.6060	1.4850
	% BODY :	2.846	3.202	2.358	2.771
.....					
SPLEEN	G:	0.2130	0.1800	0.3280	0.3020
	% BODY :	0.45815	0.40162	0.48167	0.56354
	% BRAIN:	16.100	12.544	20.423	20.337
.....					
THYMUS	G:	0.1970	0.2070	0.3190	0.2240
	% BODY :	0.42374	0.46186	0.46845	0.41799
	% BRAIN:	14.890	14.425	19.863	15.084
.....					

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
SEX : MALE

ANIMAL NUMBER : 9774-02 9775-02
DAYS ON TEST : 22 22
DATE OF NECROPSY : 14-NOV-03 13-NOV-03
DEFND./ACTUAL NECR.STATE: K0/K0 K0/K0
.....

FINAL BODY WEIGHT G: 54.5670 51.5950
.....

BRAIN G: 1.4320 1.5160
% BODY : 2.624 2.938
.....

SPLEEN G: 0.2540 0.2700
% BODY : 0.46548 0.52331
% BRAIN: 17.737 17.810
.....

THYMUS G: 0.2530 0.2240
% BODY : 0.46365 0.43415
% BRAIN: 17.668 14.776
.....

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
 SEX : FEMALE

ANIMAL NUMBER	:	9751-08	9752-08	9753-08	9754-11
DAYS ON TEST	:	24	22	22	24
DATE OF NECROPSY	:	17-NOV-03	14-NOV-03	14-NOV-03	18-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	64.0910	47.3620	58.8670	69.1360
.....					
BRAIN	G:	1.3660	1.6300	1.3850	1.5130
	% BODY :	2.131	3.442	2.353	2.188
.....					
SPLEEN	G:	0.2840	0.4210	0.2470	0.2050
	% BODY :	0.44312	0.88890	0.41959	0.29652
	% BRAIN:	20.791	25.828	17.834	13.549
.....					
THYMUS	G:	0.2900	0.4350	0.2190	0.2910
	% BODY :	0.45248	0.91846	0.37203	0.42091
	% BRAIN:	21.230	26.687	15.812	19.233
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
 SEX : FEMALE

		9755-07	9756-10	9757-10	9758-10
ANIMAL NUMBER	:	9755-07	9756-10	9757-10	9758-10
DAYS ON TEST	:	22	24	24	24
DATE OF NECROPSY	:	13-NOV-03	17-NOV-03	17-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	41.6710	52.5130	71.4070	73.9320
.....					
BRAIN	G:	1.3760	1.2380	1.5350	1.5570
	% BODY :	3.302	2.358	2.150	2.106
.....					
SPLEEN	G:	0.2080	0.2510	0.2940	0.3060
	% BODY :	0.49915	0.47798	0.41172	0.41389
	% BRAIN:	15.116	20.275	19.153	19.653
.....					
THYMUS	G:	0.1890	0.2770	0.2900	0.3000
	% BODY :	0.45355	0.52749	0.40612	0.40578
	% BRAIN:	13.735	22.375	18.893	19.268
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
 SEX : FEMALE

ANIMAL NUMBER	:	9759-09	9760-14	9763-12	9764-09
DAYS ON TEST	:	24	22	24	24
DATE OF NECROPSY	:	17-NOV-03	13-NOV-03	17-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	61.7540	52.2250	68.2590	71.1350
.....					
BRAIN	G:	1.4470	1.3520	1.5750	1.6170
	% BODY :	2.343	2.589	2.307	2.273
.....					
SPLEEN	G:	0.3490	0.3090	0.3580	0.4580
	% BODY :	0.56515	0.59167	0.52447	0.64385
	% BRAIN:	24.119	22.855	22.730	28.324
.....					
THYMUS	G:	0.2740	0.2490	0.3350	0.2850
	% BODY :	0.44370	0.47678	0.49078	0.40065
	% BRAIN:	18.936	18.417	21.270	17.625
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
 SEX : FEMALE

ANIMAL NUMBER	:	9765-06	9766-12	9767-07	9768-06
DAYS ON TEST	:	22	22	23	22
DATE OF NECROPSY	:	13-NOV-03	12-NOV-03	18-NOV-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	57.6720	52.4290	51.1110	52.3360
.....					
BRAIN	G:	1.5080	1.3620	1.3820	1.3620
	% BODY :	2.615	2.598	2.704	2.602
.....					
SPLEEN	G:	0.3300	0.3040	0.2950	0.2530
	% BODY :	0.57220	0.57983	0.57718	0.48341
	% BRAIN:	21.883	22.320	21.346	18.576
.....					
THYMUS	G:	0.2440	0.3010	0.2420	0.2860
	% BODY :	0.42308	0.57411	0.47348	0.54647
	% BRAIN:	16.180	22.100	17.511	20.999
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
 SEX : FEMALE

ANIMAL NUMBER	:	9769-07	9770-11	9771-09	9772-09
DAYS ON TEST	:	22	22	24	22
DATE OF NECROPSY	:	13-NOV-03	14-NOV-03	17-NOV-03	13-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	48.4380	50.0700	62.2630	55.4580
.....					
BRAIN	G:	1.3900	1.4520	1.5870	1.5200
	% BODY :	2.870	2.900	2.549	2.741
.....					
SPLEEN	G:	0.2000	0.2320	0.3700	0.3000
	% BODY :	0.41290	0.46335	0.59425	0.54095
	% BRAIN:	14.388	15.978	23.314	19.737
.....					
THYMUS	G:	0.2160	0.2980	0.2920	0.2570
	% BODY :	0.44593	0.59517	0.46898	0.46341
	% BRAIN:	15.540	20.523	18.399	16.908
.....					

TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
F2 PUPS

DOSE GROUP : 3, 500mg/kg/d.F2P
SEX : FEMALE

ANIMAL NUMBER : 9774-03 9775-08
DAYS ON TEST : 22 22
DATE OF NECROPSY : 14-NOV-03 13-NOV-03
DEFND./ACTUAL NECR.STATE: K0/K0 K0/K0
.....

FINAL BODY WEIGHT G: 52.1680 51.0160
.....

BRAIN G: 1.3800 1.4870
% BODY : 2.645 2.915
.....

SPLEEN G: 0.2680 0.2470
% BODY : 0.51372 0.48416
% BRAIN: 19.420 16.611
.....

THYMUS G: 0.1860 0.2610
% BODY : 0.35654 0.51160
% BRAIN: 13.478 17.552
.....

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9776-03	9779-03	9780-02	9781-02
DAYS ON TEST	:	24	22	24	24
DATE OF NECROPSY	:	18-NOV-03	14-NOV-03	17-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	63.5070	58.4170	68.4750	58.5630
.....					
BRAIN	G:	1.5400	1.4980	1.4600	1.4010
	% BODY :	2.425	2.564	2.132	2.392
.....					
SPLEEN	G:	0.4270	0.2050	0.3280	0.2990
	% BODY :	0.67237	0.35093	0.47901	0.51056
	% BRAIN:	27.727	13.685	22.466	21.342
.....					
THYMUS	G:	0.2930	0.2590	0.2820	0.2680
	% BODY :	0.46137	0.44336	0.41183	0.45763
	% BRAIN:	19.026	17.290	19.315	19.129
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9782-02	9783-02	9784-02	9785-02
DAYS ON TEST	:	22	24	22	22
DATE OF NECROPSY	:	14-NOV-03	17-NOV-03	14-NOV-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	47.9610	64.5040	52.9560	55.8600
.....					
BRAIN	G:	1.3700	1.4280	1.4530	1.4750
	% BODY :	2.856	2.214	2.744	2.641
.....					
SPLEEN	G:	0.2580	0.3990	0.2460	0.2390
	% BODY :	0.53794	0.61857	0.46454	0.42786
	% BRAIN:	18.832	27.941	16.930	16.203
.....					
THYMUS	G:	0.3440	0.2720	0.2130	0.2790
	% BODY :	0.71725	0.42168	0.40222	0.49946
	% BRAIN:	25.109	19.048	14.659	18.915
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9788-02	9789-03	9790-02	9791-03
DAYS ON TEST	:	22	24	24	22
DATE OF NECROPSY	:	14-NOV-03	17-NOV-03	17-NOV-03	13-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	60.5290	69.9600	69.5910	59.9250
.....					
BRAIN	G:	1.6000	1.5900	1.5450	1.5860
	% BODY :	2.643	2.273	2.220	2.647
.....					
SPLEEN	G:	0.2770	0.2960	0.2910	0.2810
	% BODY :	0.45763	0.42310	0.41816	0.46892
	% BRAIN:	17.313	18.616	18.835	17.718
.....					
THYMUS	G:	0.2720	0.3220	0.2570	0.2020
	% BODY :	0.44937	0.46026	0.36930	0.33709
	% BRAIN:	17.000	20.252	16.634	12.736
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9792-02	9793-03	9794-03	9795-02
DAYS ON TEST	:	24	22	22	22
DATE OF NECROPSY	:	17-NOV-03	13-NOV-03	13-NOV-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	65.6410	60.5130	50.0470	55.8650
.....					
BRAIN	G:	1.5610	1.3440	1.4050	1.4260
	% BODY :	2.378	2.221	2.807	2.553
.....					
SPLEEN	G:	0.3150	0.2730	0.2230	0.3010
	% BODY :	0.47988	0.45114	0.44558	0.53880
	% BRAIN:	20.179	20.313	15.872	21.108
.....					
THYMUS	G:	0.3080	0.2660	0.2250	0.2110
	% BODY :	0.46922	0.43957	0.44958	0.37770
	% BRAIN:	19.731	19.792	16.014	14.797
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F2P
 SEX : MALE

ANIMAL NUMBER	:	9796-03	9797-03	9800-02
DAYS ON TEST	:	22	22	24
DATE OF NECROPSY	:	12-NOV-03	13-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0

.....
 FINAL BODY WEIGHT G: 55.9570 48.7380 62.1740

BRAIN	G:	1.2870	1.3980	1.4670
	% BODY :	2.300	2.868	2.360

.....
 SPLEEN G: 0.2700 0.2500 0.3070
 % BODY : 0.48251 0.51295 0.49378
 % BRAIN: 20.979 17.883 20.927

THYMUS	G:	0.2950	0.2300	0.2600
	% BODY :	0.52719	0.47191	0.41818
	% BRAIN:	22.922	16.452	17.723

.....

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F2P
 SEX : FEMALE

ANIMAL NUMBER	:	9776-07	9779-10	9780-10	9781-10
DAYS ON TEST	:	24	22	24	24
DATE OF NECROPSY	:	18-NOV-03	14-NOV-03	17-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	61.7590	52.9920	66.9350	57.3840
.....					
BRAIN	G:	1.4690	1.4070	1.5120	1.4310
	% BODY :	2.379	2.655	2.259	2.494
.....					
SPLEEN	G:	0.3060	0.2180	0.2480	0.2840
	% BODY :	0.49547	0.41138	0.37051	0.49491
	% BRAIN:	20.830	15.494	16.402	19.846
.....					
THYMUS	G:	0.2850	0.2330	0.3100	0.2680
	% BODY :	0.46147	0.43969	0.46314	0.46703
	% BRAIN:	19.401	16.560	20.503	18.728
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F2P
 SEX : FEMALE

ANIMAL NUMBER	:	9782-11	9783-09	9784-14	9785-11
DAYS ON TEST	:	22	24	22	22
DATE OF NECROPSY	:	14-NOV-03	17-NOV-03	14-NOV-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	43.4370	62.4810	47.4510	58.5850
.....					
BRAIN	G:	1.2830	1.5140	1.4470	1.4030
	% BODY :	2.954	2.423	3.049	2.395
.....					
SPLEEN	G:	0.2000	0.3240	0.1680	0.2700
	% BODY :	0.46044	0.51856	0.35405	0.46087
	% BRAIN:	15.588	21.400	11.610	19.244
.....					
THYMUS	G:	0.2050	0.3520	0.2220	0.3400
	% BODY :	0.47195	0.56337	0.46785	0.58035
	% BRAIN:	15.978	23.250	15.342	24.234
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F2P
 SEX : FEMALE

		9788-10	9789-10	9790-09	9791-09
ANIMAL NUMBER	:	9788-10	9789-10	9790-09	9791-09
DAYS ON TEST	:	22	24	24	22
DATE OF NECROPSY	:	14-NOV-03	17-NOV-03	17-NOV-03	13-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	56.2730	71.8850	62.3540	55.1680
.....					
BRAIN	G:	1.4620	1.4400	1.5000	1.5050
	% BODY :	2.598	2.003	2.406	2.728
.....					
SPLEEN	G:	0.2480	0.2170	0.3270	0.2310
	% BODY :	0.44071	0.30187	0.52443	0.41872
	% BRAIN:	16.963	15.069	21.800	15.349
.....					
THYMUS	G:	0.2400	0.3400	0.3000	0.2370
	% BODY :	0.42649	0.47298	0.48112	0.42960
	% BRAIN:	16.416	23.611	20.000	15.748
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F2P
 SEX : FEMALE

		9792-10	9793-08	9794-11	9795-07
ANIMAL NUMBER	:	9792-10	9793-08	9794-11	9795-07
DAYS ON TEST	:	24	22	22	22
DATE OF NECROPSY	:	17-NOV-03	13-NOV-03	13-NOV-03	14-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0	K0/K0
.....					
FINAL BODY WEIGHT	G:	56.4390	51.0430	50.2910	51.2140
.....					
BRAIN	G:	1.4500	1.4010	1.4050	1.3600
	% BODY :	2.569	2.745	2.794	2.656
.....					
SPLEEN	G:	0.3430	0.2490	0.2600	0.2670
	% BODY :	0.60774	0.48782	0.51699	0.52134
	% BRAIN:	23.655	17.773	18.505	19.632
.....					
THYMUS	G:	0.2600	0.2110	0.2250	0.2280
	% BODY :	0.46067	0.41338	0.44740	0.44519
	% BRAIN:	17.931	15.061	16.014	16.765
.....					

 TABLE OF INDIVIDUAL BODY/ORGAN WEIGHTS
 F2 PUPS

DOSE GROUP : 4, 1000mg/kg/d.F2P
 SEX : FEMALE

ANIMAL NUMBER	:	9796-11	9797-08	9800-08
DAYS ON TEST	:	22	22	24
DATE OF NECROPSY	:	12-NOV-03	13-NOV-03	17-NOV-03
DEFND./ACTUAL NECR.STATE:		K0/K0	K0/K0	K0/K0

.....
 FINAL BODY WEIGHT G: 54.0540 50.8810 57.8210

BRAIN	G:	1.3100	1.4180	1.4080
	% BODY :	2.424	2.787	2.435

SPLEEN	G:	0.2810	0.2580	0.2940
	% BODY :	0.51985	0.50707	0.50847
	% BRAIN:	21.450	18.195	20.881

THYMUS	G:	0.3020	0.2800	0.2600
	% BODY :	0.55870	0.55030	0.44966
	% BRAIN:	23.053	19.746	18.466

.....

SPONSOR

TOTAL France S.A.
Tour Galilée
51 Esplanade du Général de Gaulle
La Défense 10
92907 Paris-la-Défense CEDEX
France

On behalf of:

CEPSA
ENI S.p.A.
Fortum Oil and Gas Oy
Lyondell Chemical Europe Inc.
Oxeno Olefinchemie GmbH
Repsol Petróleo, S.A.
TOTAL France S.A.

TEST ITEM

ETHYL TERTIARY BUTYL ETHER (ETBE)
CAS No. 637-92-3

STUDY TITLE

TWO-GENERATION STUDY
(REPRODUCTION AND FERTILITY EFFECTS)
BY ORAL ROUTE (GAVAGE) IN RATS

STUDY DIRECTOR

Wassila Gaoua

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CIT
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Volume 5

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EXPLANATION OF CODES AND SYMBOLS

CODES AND SYMBOLS USED AT ANIMAL LEVEL:

M = Male animal
F = Female animal
K0 = Terminal sacrifice group
+ = Intercurrent death/sacrificed moribund
+1 = Found dead
+2 = Sacrificed moribund

CODES AND SYMBOLS USED AT ORGAN LEVEL:

G = Gross observation checked off histologically
! = Gross observat.not checked off histologically
* = Comment in text of individual animal data
0 = Tissue not present for histologic examination
' = Histologic examination not required
+ = Organ examined, findings present
- = Organ examined, no pathologic findings noted (AOFT only)
(= Only one of paired organs examined/present

CODES AND SYMBOLS USED AT FINDING LEVEL:

GRADE 1 = Minimal / very few / very small
GRADE 2 = Slight / few / small
GRADE 3 = Moderate / moderate number / moderate size
GRADE 4 = Marked / many / large
GRADE 5 = Massive / extensive number / extensive size
P = Finding present, severity not scored
B0 = Benign neoplasm
N0 = Malignant neoplasm
(= Finding unilateral in paired organs
* = Comment in text of individual animal data

EXPLANATION OF TABLE TEXT(S) USED AT FINDING LEVEL:

ADRENAL GLANDS

- Acces. adrenal cort.
 = Accessory adrenal cortex
- Altered Cell Foci
 = Altered cell foci
- Cort.Cel.Hypertrophy

EXPLANATION OF CODES AND SYMBOLS

EXPLANATION OF TABLE TEXT(S) USED AT FINDING LEVEL:

- Cyst(s)
 - = Cortical cell hypertrophy
 - Cyst(s)
 - = Cyst(s)
 - Cystic Degeneration
 - = Cystic degeneration
 - Inters.Mono.Cel.Agg.
 - = Interstitial mononuclear cell aggregation
 - Lipomatosis
 - = Lipomatosis
 - Sinusoidal Ectasia
 - = Sinusoidal ectasia sometimes with blood extravasation
 - Vacuol.Cortical cell
 - = Vacuolated cortical cell
- PITUITARY GLAND
- Cyst(s)
 - = Cyst(s)
 - Development. Cyst(S)
 - = Developmental cyst(s)
 - Vacuolated Cells
 - = Vacuolated cells
- OVARIES
- Diestrus
 - = Diestrus
 - Estrus
 - = Estrus
 - Metestrus
 - = Metestrus
 - Pregn.Corpora Lutea
 - = Pregnancy corpora lutea
 - Proestrus
 - = Proestrus
- UTERUS
- Diestrus
 - = Diestrus
 - Dilated Lumen
 - = Dilated lumen
 - Estrus
 - = Estrus
 - Infold.end.epithel.

EXPLANATION OF CODES AND SYMBOLS

EXPLANATION OF TABLE TEXT(S) USED AT FINDING LEVEL:

- = Infolding endometrial epithelium
- Metestrus
 - = Metestrus
- Mineralization
 - = Mineralization
- Morphology of Pregn.
 - = Morphology of pregnancy
- Proestrus
 - = Proestrus
- Yell.pigm.lad.macro.
 - = Yellowish pigment laden macrophages

VAGINA

- Diestrus
 - = Diestrus
- Epithel.Cel.Hyperpl.
 - = Epithelial cell hyperplasia
- Estrus
 - = Estrus
- Metestrus
 - = Metestrus
- Mucific.Vagin.Epith.
 - = Mucification vaginal epithelium
- Proestrus
 - = Proestrus

PROSTATE

- Acute Prostatitis
 - = Acute Prostatitis
- Atroph.Tub.Alv.Units
 - = Atrophy of tubulo-alveolar units
- Epithel.Cell Atrophy
 - = Epithelial cell atrophy
- Granulocyte Infiltr.
 - = Granulocyte infiltration
- Hypersecretion
 - = Hypersecretion
- Inters.Mono.Cel.Agg.
 - = Interstitial mononuclear cell aggregation
- Subacute Prostatitis
 - = Subacute prostatitis

EXPLANATION OF CODES AND SYMBOLS

EXPLANATION OF TABLE TEXT(S) USED AT FINDING LEVEL:

SEMINAL VESICLES+ COAGULATING GLANDS

- Inters.Mono.Cel.Agg.
= Interstitial mononuclear cell aggregation

TESTIS, RIGHT

- Deg./Necr.Cel.Sloug.
= Degenerated/necrotic cells sloughed in lumen
- Degener.germ.epith.
= Degeneration of germinal epithelium
- Diff.Stag.Cycl.Dist.
= Different stages of cycle disturbed
- Diff.Stag.Cycl.Pres.
= Different stages of spermatogenic cycle present
- Multinucl.Giant Cel.
= Multinucleated Giant Cells
- Reduc.Round spermat.
= Reduced round spermatids
- Reduc.Tailed.Sperma.
= Reduced number of tailed spermatids
- Retained Spermatids
= Retained spermatids (stage 19 within tubules of stage>IX)
- Round Sperm.Norm.Nu.
= Round spermatids (steps 1-9) present/normal number
- Sem.tub.lin.Sert.c.
= Seminiferous tubules lined by Sertoli cells only
- Spermatic Granuloma
= Spermatic granuloma
- Spermatoc.Norm.Numb.
= Spermatocytes present/normal number
- Spermatocy.Reduced
= Spermatocytes reduced in number
- Spermatog.Normal Nu.
= Spermatogonia present/normal number
- Spermatogonia Reduc.
= Spermatogonia Reduced
- Tail.Sperm.Norm.Num.
= Tailed spermatids (steps 10-19) present/normal number
- Vacuol.semin.tubules
= Vacuolated seminiferous tubules
- Vacuol.sertoli cells

EXPLANATION OF CODES AND SYMBOLS

EXPLANATION OF TABLE TEXT(S) USED AT FINDING LEVEL:

- = Vacuolated sertoli cells
- EPIDIDYMIS (RIGHT)
- Aspermia
 - = Aspermia
- Exfol.Sperm.Sloughed
 - = Exfoliated spermatids sloughed in epididymal ducts
- Inters.Mono.Cel.Agg.
 - = Interstitial mononuclear cell aggregation
- Oligospermia
 - = Oligospermia
- LIVER
- Alt.cel.foci acid.
 - = Altered cell foci acidophilic
- Alt.cel.foci clear
 - = Altered cell foci clear
- Hepatocel.Hypertrop.
 - = Hepatocellular hypertrophy
- Mononuclear Cel.Agg.
 - = Mononuclear cell aggregation
- KIDNEYS
- Aci.Glob.Cor.Tub.Ep.
 - = Acidophilic globules in cortical tubular epithelium
- Deg./Necr.C.Sloughed
 - = Degenerated/necrotic cells sloughed in tubular lumens
- Dilated Pelvis
 - = Dilated pelvis
- Inters.Mono.Cel.Agg.
 - = Interstitial mononuclear cell aggregation
- Nephroblastoma
 - = Nephroblastoma
- Peritubular Fibrosis
 - = Peritubular fibrosis
- Tubular Basophilia
 - = Tubular basophilia
- Tubular Dilatation
 - = Tubular dilatation
- SPLEEN
- Extramed.hematopoi.
 - = Extramedullary hematopoiesis

EXPLANATION OF CODES AND SYMBOLS

EXPLANATION OF TABLE TEXT(S) USED AT FINDING LEVEL:

- Lymphoid Cel.Hyperp.
 = Lymphoid cell hyperplasia

THYMUS

- Capillary hemorrhage
 = Capillary hemorrhage

PALPABLE MASSES

- Mammary Fibroadenoma
 = Mammary Fibroadenoma

ADIPOSE TISSUE

- Fat Necrosis
 = Fat necrosis

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9301	9302	9303	9304	9305	9306	9307	9308	9309	9310
	MK0	MK0	MK0	MK0+	MK0	MK0	MK0	MK0	MK0	MK0
ADRENAL GLANDS	-	-	+	'	+	+	-	-	-	+
- Inters.Mono.Cel.Agg.	.	.	(1.		.	.	.	.	.	.
- Sinusoidal Ectasia	.	.	.		(1.	1.	.	.	.	1.
- Cyst(s)	.	.	.		(P.	.	.	.	.	.
PITUITARY GLAND	-	-	-	'	+	-	-	-	+	-
- Vacuolated Cells	.	.	.		1.	.	.	.	1.	.
PROSTATE	-	+	+	'	-	-	-	+	+	+
- Epithel.Cell Atrophy	.	.	.		.	.	.	2.	1.	.
- Inters.Mono.Cel.Agg.	.	.	1.		.	.	.	1.	.	.
- Subacute Prostatitis	.	2.	.		.	.	.	.	.	3.
SEMINAL VESICLES	-	-	-	'	-	-	-	-	-	-
TESTIS, RIGHT	+	+	+	'	+	+	+	+	+	+
- Tail.Sperm.Norm.Num.	P.	P.	P.		P.	P.	P.	P.	P.	P.
- Round Sperm.Norm.Nu.	P.	P.	P.		P.	P.	P.	P.	P.	P.
- Spermatoc.Norm.Numb.	P.	P.	P.		P.	P.	P.	P.	P.	P.
- Spermatog.Normal Nu.	P.	P.	P.		P.	P.	P.	P.	P.	P.
- Diff.Stag.Cycl.Pres.	P.	P.	P.		P.	P.	P.	P.	P.	P.
- Deg./Necr.Cel.Sloug.	1.	.	.		1.	.	.	.	1.	.
- Sem.tub.lin.Sert.c.	.	.	1.		.	.	.	.	1.	.
- Vacuol.semin.tubules	.	.	.		.	.	.	.	.	1.
- Vacuol.sertoli cells	.	.	.		.	.	.	.	1.	.
- Degener.germ.epith.	.	.	.		.	.	.	1.	.	.
EPIDIDYMIS, RIGHT	-	-	-	'	-	-	+	-	-	-
- Inters.Mono.Cel.Agg.	.	.	.		.	.	2.	.	.	.
EPIDIDYMIS, LEFT	'	'	0	'	'	'	'	'	'	'
TESTIS, LEFT	'	'	0	'	'	'	'	'	'	'
TESTES	'	G	G	'	'	'	'	'	'	'
EPIDIDYIMIDES	'	G	G	'	'	'	'	'	'	'
KIDNEYS	'	'	'	'!	'	'	'	'	'	'

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS
DOSE GROUP : 1, 0mg/kg/d.F1

ANIMAL NUMBER : B2 B2 B2 B2 B2 B2 B2 B2 B2 B2
 9301 9302 9303 9304 9305 9306 9307 9308 9309 9310
 MK0 MK0 MK0 MK0+ MK0 MK0 MK0 MK0 MK0 MK0

SPLEEN ' ' ' ' ! ' ' ' ' ' '
.....

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

 ANIMAL NUMBER : B2 B2 B2 B2 B2
 9321 9322 9323 9324 9325
 MK0 MK0 MK0 MK0 MK0

 ADRENAL GLANDS - - - - +
 - Acces. adrenal cort. (P.
 - Sinusoidal Ectasia 2.

PITUITARY GLAND - + + - -
 - Vacuolated Cells . 1. 2. . .

PROSTATE + + + + +
 - Epithel.Cell Atrophy 1. . 1. 1. 3.
 - Inters.Mono.Cel.Agg. 1.
 - Subacute Prostatitis . 2. . . .

SEMINAL VESICLES - - - - +
 - Inters.Mono.Cel.Agg. (1*

TESTIS, RIGHT + + + + +
 - Tail.Sperm.Norm.Num. P. P. P. P. P.
 - Round Sperm.Norm.Nu. P. P. P. P. P.
 - Spermatoc.Norm.Numb. P. P. P. P. P.
 - Spermatog.Normal Nu. P. P. P. P. P.
 - Diff.Stag.Cycl.Pres. P. P. P. P. P.
 - Deg./Necr.Cel.Sloug. 1. . . 1. 1.
 - Sem.tub.lin.Sert.c. 1. . . 1. 1.
 - Vacuol.semin.tubules 1. 1. 1. . 1.

EPIDIDYMIS, RIGHT - - - - -

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

 ANIMAL NUMBER : B2 B2 B2 B2 B2
 9721 9722 9723 9724 9725
 FK0 FK0 FK0 FK0 FK0

 ADRENAL GLANDS + + + + +
 - Sinusoidal Ectasia (2. 1. 1. 2. 1.

.....
 PITUITARY GLAND - - - - -

.....
 OVARIES + + + + +
 - Proestrus . P. . . .
 - Estrus P.
 - Metestrus P. . P. . .
 - Diestrus . . . P. .

.....
 OVIDUCTS - - (- - -

.....
 UTERUS + +G + + +
 - Proestrus . P. . . .
 - Estrus P.
 - Metestrus P. . P. . .
 - Diestrus . . . P. .
 - Yell.pigm.lad.macro. 1* . . . 2.
 - Dilated Lumen . 3. . . .
 - Mineralization 1.

.....
 VAGINA + + + + +
 - Proestrus . P. . . .
 - Estrus P.
 - Metestrus P. . P. . .
 - Diestrus . . . P. .

.....

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9326	9327	9328	9329	9330	9331	9332	9333	9334	9335
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
PROSTATE	/	/	/	/	/	/	/	+	/	/
- Epithel.Cell Atrophy								3.		
TESTIS, RIGHT	+	+	+	+	+	+	+	+	+	+
- Tail.Sperm.Norm.Num.	P.	P.	P.	P.	P.	P.	P.	.	P.	P.
- Reduc.Tailed.Sperma.	.	.	.	.	.	.	.	4.	.	.
- Round Sperm.Norm.Nu.	P.	P.	P.	P.	P.	P.	P.	.	P.	P.
- Reduc.Round spermat.	.	.	.	.	.	.	.	4.	.	.
- Spermatoc.Norm.Numb.	P.	P.	P.	P.	P.	P.	P.	.	P.	P.
- Spermatocy.Reduced	.	.	.	.	.	.	.	4.	.	.
- Spermatog.Normal Nu.	P.	P.	P.	P.	P.	P.	P.	.	P.	P.
- Spermatogonia Reduc.	.	.	.	.	.	.	.	4.	.	.
- Diff.Stag.Cycl.Pres.	P.	P.	P.	P.	P.	P.	P.	.	P.	P.
- Diff.Stag.Cycl.Dist.	.	.	.	.	.	.	.	4.	.	.
- Deg./Necr.Cel.Sloug.	.	.	1.	2.	.	.	.	.	1.	.
- Sem.tub.lin.Sert.c.	.	1*	.	.	.	.	.	4.	.	.
- Vacuol.semin.tubules	.	.	1.	.	1.	.	.	.	.	.
- Degener.germ.epith.	.	.	1.	.	.	.	.	.	.	.
- Spermatic Granuloma	.	.	.	.	.	.	.	2.	.	.
EPIDIDYMIS, RIGHT	/	/	/	/	/	/	/	+	/	/
- Oligospermia								4.		
TESTES	/	/	/	/	/	/	/	G	/	/
EPIDIDYMIDES	/	/	/	/	/	/	/	G	/	/
SEMINAL VESICLE	/	/	/	/	/	/	/	-	/	/
THYMUS	/	/	!	/	/	/	/	/	/	/

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9336	9337	9338	9339	9340	9341	9342	9343	9344	9345
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
ADRENAL GLANDS	'	'	'	'	'	-G	'	'	'	'
PROSTATE	'	'	'	'	'	+	'	'	'	'
- Epithel.Cell Atrophy						4.				
SEMINAL VESICLES	'	'	'	'	'	-	'	'	'	'
TESTIS, RIGHT	+	+	+	+	+	+	+	+	+	+
- Tail.Sperm.Norm.Num.	P.	P.	P.	P.	.	P.	P.	P.	P.	P.
- Reduc.Tailed.Sperma.	.	.	.	.	5.	.	.	.	.	.
- Round Sperm.Norm.Nu.	P.	P.	P.	P.	.	P.	P.	P.	P.	P.
- Reduc.Round spermat.	.	.	.	.	5.	.	.	.	.	.
- Spermatoct.Norm.Numb.	P.	P.	P.	P.	.	P.	P.	P.	P.	P.
- Spermatoct.Reduced	.	.	.	.	5.	.	.	.	.	.
- Spermatoct.Normal Nu.	P.	P.	P.	P.	.	P.	P.	P.	P.	P.
- Spermatoct.Reduc.	.	.	.	.	5.	.	.	.	.	.
- Diff.Stag.Cycl.Pres.	P.	P.	P.	P.	.	P.	P.	P.	P.	P.
- Diff.Stag.Cycl.Dist.	.	.	.	.	5.	.	.	.	.	.
- Deg./Necr.Cel.Sloug.	.	.	.	1.	.	.	.	.	.	.
- Sem.tub.lin.Sert.c.	.	1*	.	1*	5.	.	.	.	.	.
- Vacuol.semin.tubules	.	1.	.	1.	.	.	.	1.	.	.
- Vacuol.sertoli cells	.	.	.	.	3.	.	.	.	.	.
- Multinucl.Giant Cel.	.	.	.	.	.	.	.	.	.	1.
EPIDIDYMIS, RIGHT	'	'	'	'	'	-	'	'	'	'
TESTIS, LEFT	'	'	'	'	'	0	'	'	'	'
TESTES	'	'	'	'	G	G	'	'	'	'
EPIDIDYMIDES	'	'	'	'	'G	'	'	'	'	'

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

ANIMAL NUMBER : B2 B2 B2 B2 B2 B2 B2 B2 B2 B2
 9726 9727 9728 9729 9730 9731 9732 9733 9734 9735
 FK0 FK0 FK0 FK0 FK0 FK0 FK0 FK0 FK0 FK0

UTERUS ' ' ! ' ' ' ' ' ' ' '
.....

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

 ANIMAL NUMBER : B2 B2 B2 B2 B2
 9746 9747 9748 9749 9750
 FK0 FK0 FK0 FK0 FK0

 OVARIES + ' ' ' '
 - Estrus P.

.....
 OVIDUCTS - ' ' ' '

UTERUS -* '!' ' ' '

VAGINA + ' ' ' '
 - Estrus P.

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9361	9362	9363	9364	9365	9366	9367	9368	9369	9370
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
PROSTATE	'	'	'	'	'	'	'	+	'	'
- Inters.Mono.Cel.Agg.								1.		
SEMINAL VESICLES	'	'	'	'	'	'	'	-	'	'
TESTIS, RIGHT	+	+	+	+	+	+	+	+	+	+
- Tail.Sperm.Norm.Num.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Round Sperm.Norm.Nu.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Spermatoc.Norm.Numb.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Spermatog.Normal Nu.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Diff.Stag.Cycl.Pres.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
- Deg./Necr.Cel.Sloug.	.	1.	.	.	.	2.	.	.	.	.
- Sem.tub.lin.Sert.c.	.	1.	.	.	.	.	1*	1.	.	.
- Vacuol.semin.tubules	.	1.	.	.	.	.	.	.	.	.
- Vacuol.sertoli cells	.	1.	.	.	.	.	.	.	.	.
EPIDIDYMIS, RIGHT	'	'	'	'	'	'	'	-	'	'
KIDNEYS	'	'	'!	'	'	'	'	'	'!	'!

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

 ANIMAL NUMBER : B2 B2 B2 B2 B2
 9371 9372 9373 9374 9375
 MK0 MK0 MK0 MK0 MK0+

 TESTIS, RIGHT + + + + '
 - Tail.Sperm.Norm.Num. P. P. P. P.
 - Round Sperm.Norm.Nu. P. P. P. P.
 - Spermatoc.Norm.Numb. P. P. P. P.
 - Spermatog.Normal Nu. P. P. P. P.
 - Diff.Stag.Cycl.Pres. P. P. P. P.
 - Deg./Necr.Cel.Sloug. . . 2. 1*
 - Sem.tub.lin.Sert.c. . . 1* 1*
 - Vacuol.semin.tubules 1. . . 1.

.....
 LUNGS ' ' ' ' ' !

.....
 ADIPOSE TISSUE ' ' ! ' ' '

.....

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

ANIMAL NUMBER : B2 B2 B2 B2 B2
 9771 9772 9773 9774 9775
 FK0 FK0 FK0 FK0 FK0

OVARIES ' ' + ' '
- Proestrus P.

.....
OVIDUCTS ' ' - ' '
.....

UTERUS ' ! ' -G ' '
.....

VAGINA ' ' + ' '
- Proestrus P.
.....

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

ANIMAL NUMBER :	B2 9376 MK0	B2 9377 MK0	B2 9378 MK0	B2 9379 MK0	B2 9380 MK0	B2 9381 MK0	B2 9382 MK0	B2 9383 MK0	B2 9384 MK0	B2 9385 MK0
ADRENAL GLANDS	+	+	+	+	+	-	+	+	+	+
- Acces. adrenal cort.	. (P.	. (P.	. (P.	. (P.	. (P.	. (P.	. (P.	. (P.	. (P.	. (P.
- Inters.Mono.Cel.Agg.	.	.	.	.	1.	.	1.	.	.	.
- Sinusoidal Ectasia	. (1.	. (1.	. (1.	. (1.	.	.	. (1.	1.	(1.	.
- Cyst(s)	.	.	.	.	.	.	.	.	.	( P.
- Vacuol.Cortical cell	2.	.	.	2.	.	.	.	.	.	.
- Lipomatosis	.	.	(1.	.	.	.	.	.	.	.
PITUITARY GLAND	-	-	-	+	+	+	-	-	-	-
- Vacuolated Cells	.	.	.	1.	1.	1.	.	.	.	.
PROSTATE	+	+	-	+	-	+	-	+	+	+
- Hypersecretion	.	.	.	2.	.	.	.	.	.	.
- Epithel.Cell Atrophy	.	1.	.	2.	.	2.	.	.	2.	1.
- Inters.Mono.Cel.Agg.	1.	.	.	.	.	.	.	1.	.	.
- Acute Prostatitis	.	1.	.	.	.	.	.	.	.	.
- Subacute Prostatitis	.	2.	.	.	.	3.	.	.	.	.
SEMINAL VESICLES	-	-	-	-	-	-	-	-	-	-
TESTIS, RIGHT	+	+	+	+	+	+	+	+	+	+
- Tail.Sperm.Norm.Num.	P.	P.	P.	P.	P.	.	P.	P.	P.	P.
- Reduc.Tailed.Sperma.	.	.	.	.	.	5.	.	.	.	.
- Round Sperm.Norm.Nu.	P.	P.	P.	P.	P.	.	P.	P.	P.	P.
- Reduc.Round spermat.	.	.	.	.	.	5.	.	.	.	.
- Spermatoc.Norm.Numb.	P.	P.	P.	P.	P.	.	P.	P.	P.	P.
- Spermatocy.Reduced	.	.	.	.	.	5.	.	.	.	.
- Spermatog.Normal Nu.	P.	P.	P.	P.	P.	.	P.	P.	P.	P.
- Spermatogonia Reduc.	.	.	.	.	.	5.	.	.	.	.
- Diff.Stag.Cycl.Pres.	P.	P.	P.	P.	P.	.	P.	P.	P.	P.
- Diff.Stag.Cycl.Dist.	.	.	.	.	.	5.	.	.	.	.
- Deg./Necr.Cel.Sloug.	.	.	.	1.	.	.	.	.	2.	.
- Sem.tub.lin.Sert.c.	.	.	.	1.	.	5.	1.	.	2.	.
- Vacuol.semin.tubules	.	.	.	1.	.	.	1.	.	.	.
- Vacuol.sertoli cells	.	.	.	.	.	.	.	.	1.	.
- Degener.germ.epith.	.	.	.	.	1.	.	.	.	.	.
EPIDIDYMIS, RIGHT	-	-	-	-	-	+	-	-	-	-
- Aspermia	.	.	.	.	.	5.	.	.	.	.

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

ANIMAL NUMBER : B2 B2 B2 B2 B2 B2 B2 B2 B2 B2
 9376 9377 9378 9379 9380 9381 9382 9383 9384 9385
 MK0 MK0 MK0 MK0 MK0 MK0 MK0 MK0 MK0 MK0

TESTES ' ' ' ' ' G ' ' ' '

.....
EPIDIDYMIDES ' ' ' ' ' G ' ' ' '

.....

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9386	9387	9388	9389	9390	9391	9392	9393	9394	9395
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
ADRENAL GLANDS	-	+	-	-	+	+	-	+	-	-
- Inters.Mono.Cel.Agg.	.	(1.	.	.	.	1.	.	.	.	.
- Sinusoidal Ectasia	.	(1.	.	.	2.	.	.	(1.	.	.
- Cyst(s)	.	(P.	.	.	.	.	.	.	.	.
- Vacuol.Cortical cell	.	.	.	.	2.	.	.	.	.	.
PITUITARY GLAND	-	-	-	-	+	-	-	+	-	+
- Vacuolated Cells	.	.	.	.	.	.	.	1.	.	1.
- Development. Cyst(S)	.	.	.	.	P.	.	.	.	.	.
PROSTATE	+	+	-	+	+	+	+	+	-	+
- Atroph.Tub.Alv.Units	.	2.	.	.	.	.	.	.	.	.
- Epithel.Cell Atrophy	2.	.	.	2.	.	2.	2.	.	.	3.
- Inters.Mono.Cel.Agg.	.	.	.	.	1.	.	1.	.	.	1.
- Subacute Prostatitis	.	.	.	.	.	.	.	2.	.	.
SEMINAL VESICLES	-	-	-	-	-	-	-	-	-	-
TESTIS, RIGHT	+	+	+	+	+	+	+	+	+	+
- Tail.Sperm.Norm.Num.	P.	P.	P.	P.	P.	.	P.	P.	P.	.
- Reduc.Tailed.Sperma.	.	.	.	.	.	4.	.	.	.	1*
- Round Sperm.Norm.Nu.	P.	P.	P.	P.	P.	.	P.	P.	P.	.
- Reduc.Round spermat.	.	.	.	.	.	4.	.	.	.	1.
- Spermatoc.Norm.Numb.	P.	P.	P.	P.	P.	.	P.	P.	P.	.
- Spermatocy.Reduced	.	.	.	.	.	4.	.	.	.	1.
- Spermatog.Normal Nu.	P.	P.	P.	P.	P.	.	P.	P.	P.	.
- Spermatogonia Reduc.	.	.	.	.	.	4.	.	.	.	1.
- Diff.Stag.Cycl.Pres.	P.	P.	P.	P.	P.	.	P.	P.	P.	P.
- Diff.Stag.Cycl.Dist.	.	.	.	.	.	4.	.	.	.	.
- Deg./Necr.Cel.Sloug.	.	.	.	.	1.	.	.	2.	.	.
- Sem.tub.lin.Sert.c.	1.	1.	.	1.	1.	4.	1.	.	1.	.
- Vacuol.semin.tubules	.	.	.	.	.	.	.	.	.	1.
- Vacuol.sertoli cells	.	.	.	.	.	3.	.	.	.	.
- Multinucl.Giant Cel.	.	.	.	.	.	.	.	.	.	1.
EPIDIDYMIS, RIGHT	-	-	-	-	-	+	-	-	-	-
- Oligospermia	.	.	.	.	.	4.	.	.	.	.
TESTES	/	/	/	/	/	G	/	/	/	/

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

 ANIMAL NUMBER : B2 B2 B2 B2 B2
 9396 9397 9398 9399 9400
 MK0 MK0 MK0 MK0 MK0

 ADRENAL GLANDS + + + - +
 - Inters.Mono.Cel.Agg. 1.
 - Sinusoidal Ectasia (1. . 2. . (1.
 - Vacuol.Cortical cell . 2. . . 2.
 - Altered Cell Foci (1.
 - Cystic Degeneration (1.

.....
 PITUITARY GLAND + + - + -
 - Vacuolated Cells 1. 1. . 2. .

.....
 PROSTATE + + + + +
 - Epithel.Cell Atrophy . . . 2. 3.
 - Inters.Mono.Cel.Agg. . . 1. 1. 1.
 - Granulocyte Infiltr. . . . 1. .
 - Subacute Prostatitis 3. 1. . . .

.....
 SEMINAL VESICLES - - - - -

.....
 TESTIS, RIGHT + + + + +
 - Tail.Sperm.Norm.Num. P. P. P. P. P.
 - Round Sperm.Norm.Nu. P. P. P. P. P.
 - Spermatoc.Norm.Numb. P. P. P. P. P.
 - Spermatog.Normal Nu. P. P. P. P. P.
 - Diff.Stag.Cycl.Pres. P. P. P. P. P.
 - Deg./Necr.Cel.Sloug. . . 2. . 2.
 - Sem.tub.lin.Sert.c. . . . 1. .

.....
 EPIDIDYMIS, RIGHT - - - - +
 - Inters.Mono.Cel.Agg. 2.

.....
 TESTES / / G / /

.....
 EPIDIDYIMIDES / / G / /

.....
 LIVER / / / +G /
 - Alt.cel.foci acid. . . . 1.
 - Alt.cel.foci clear . . . 1.
 - Mononuclear Cel.Agg. . . . 2*
 - Hepatocel.Hypertrop. . . . 3*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

ANIMAL NUMBER : B2 B2 B2 B2 B2
 9396 9397 9398 9399 9400
 MK0 MK0 MK0 MK0 MK0

KIDNEYS ' ' +G +G '
- Dilated Pelvis (2. .
- Tubular Basophilia . 1.
- Peritubular Fibrosis . 1.
- Aci.Glob.Cor.Tub.Ep. 2. 3.
- Inters.Mono.Cel.Agg. . (1.
.....

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

ANIMAL NUMBER :	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2
	9786	9787	9788	9789	9790	9791	9792	9793	9794	9795
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0
GENERAL OBSERVATION	'	'	'	'!	'	'	'	'	'	'
ADRENAL GLANDS	+	+	+	+	+	+	+	+	+	+
- Cort.Cel.Hypertrophy	.	.	.	.	.	.	( 2.	.	.	.
- Acces. adrenal cort.	.	.	.	.	.	.	.	.	( P.	.
- Inters.Mono.Cel.Agg.	.	1.	.	.	.	.	.	( 1.	.	.
- Sinusoidal Ectasia	1.	1.	1.	(2.	(1.	(1.	2.	(2.	1.	1.
PITUITARY GLAND	-	-	-	-	-	-	-	-	-	-
OVARIES	+	+	+	-	-	+	+	+	+	+
- Estrus	P.	.	.	.	.	P.	.	.	.	.
- Diestrus	.	.	P.	.	.	.	P.	P.	P.	P.
- Pregn.Corpora Lutea	.	P.	.	.	.	.	.	.	.	.
OVIDUCTS	-	-	-	-	(-	-	(-	(-	-	-
UTERUS	-*	+	+	+	+	+	+	+	+	+
- Infold.end.epithel.	.	.	.	3.	.	.	.	.	.	.
- Estrus	.	.	.	.	.	P.	.	.	.	.
- Diestrus	.	.	P.	.	.	.	P.	P.	P.	P.
- Yell.pigm.lad.macro.	.	.	2*	.	2.	.	3*	2.	.	2.
- Morphology of Pregn.	.	P.	.	.	.	.	.	.	.	.
VAGINA	+	+	+	+	+	+	+	+	+	+
- Estrus	P.	.	.	.	.	P.	.	.	.	.
- Diestrus	.	.	P.	.	.	.	P.	P.	P.	P.
- Mucific.Vagin.Epith.	.	3.	.	2.	2.	.	.	.	.	.

 TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

 ANIMAL NUMBER : B2 B2 B2 B2 B2
 9796 9797 9798 9799 9800
 FK0 FK0 FK0 FK0+ FK0

 ADRENAL GLANDS + + + - +
 - Sinusoidal Ectasia (1. 1. 1. . 1.

.....
 PITUITARY GLAND - - - - -

.....
 OVARIES + + + + +
 - Proestrus P.
 - Metestrus . P. . . .
 - Diestrus P. . . P. .
 - Pregn.Corpora Lutea . . P. . .

.....
 OVIDUCTS (- - - (- (-

.....
 UTERUS + + + + +
 - Proestrus P.
 - Metestrus . P. . . .
 - Diestrus P. . . P. .
 - Yell.pigm.lad.macro. 3. 2* . 2* .
 - Morphology of Pregn. . . P. . .

.....
 VAGINA + + + + +
 - Proestrus P.
 - Metestrus . P. . . .
 - Diestrus P. . . P. .
 - Mucific.Vagin.Epith. . . 4. . .

 ANIMAL HEADING DATA

DOSE GROUP : 1, 0mg/kg/d.F1

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY	
B29301	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29302	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29303	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29304	M	K0	+2	37	23-JUL-03 28-AUG-03	28-AUG-03
B29305	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29306	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29307	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29308	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29309	M	K0	K0	123	25-JUL-03 24-NOV-03	24-NOV-03
B29310	M	K0	K0	123	25-JUL-03 24-NOV-03	24-NOV-03
B29311	M	K0	K0	124	25-JUL-03 25-NOV-03	25-NOV-03
B29312	M	K0	K0	124	25-JUL-03 25-NOV-03	25-NOV-03
B29313	M	K0	K0	124	25-JUL-03 25-NOV-03	25-NOV-03
B29314	M	K0	K0	124	25-JUL-03 25-NOV-03	25-NOV-03
B29315	M	K0	K0	124	25-JUL-03 25-NOV-03	25-NOV-03
B29316	M	K0	K0	125	25-JUL-03 26-NOV-03	26-NOV-03
B29317	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29318	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29319	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29320	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29321	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29322	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29323	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29324	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29325	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29701	F	K0	K0	118	23-JUL-03 17-NOV-03	17-NOV-03
B29702	F	K0	K0	118	23-JUL-03 17-NOV-03	17-NOV-03
B29703	F	K0	K0	104	23-JUL-03 03-NOV-03	03-NOV-03
B29704	F	K0	K0	113	23-JUL-03 12-NOV-03	12-NOV-03
B29705	F	K0	K0	117	24-JUL-03 17-NOV-03	17-NOV-03
B29706	F	K0	K0	117	24-JUL-03 17-NOV-03	17-NOV-03
B29707	F	K0	K0	96	24-JUL-03 27-OCT-03	27-OCT-03
B29708	F	K0	K0	114	24-JUL-03 14-NOV-03	14-NOV-03
B29709	F	K0	K0	112	25-JUL-03 13-NOV-03	13-NOV-03
B29710	F	K0	K0	112	25-JUL-03 13-NOV-03	13-NOV-03
B29711	F	K0	K0	112	25-JUL-03 13-NOV-03	13-NOV-03
B29712	F	K0	K0	95	25-JUL-03 27-OCT-03	27-OCT-03
B29713	F	K0	K0	116	25-JUL-03 17-NOV-03	17-NOV-03
B29714	F	K0	K0	120	25-JUL-03 21-NOV-03	21-NOV-03
B29715	F	K0	K0	117	25-JUL-03 18-NOV-03	18-NOV-03

ANIMAL HEADING DATA

DOSE GROUP : 1, 0mg/kg/d.F1

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY	
B29716	F	K0	K0	116	25-JUL-03 17-NOV-03	17-NOV-03
B29717	F	K0	K0	116	26-JUL-03 18-NOV-03	18-NOV-03
B29718	F	K0	K0	110	26-JUL-03 12-NOV-03	12-NOV-03
B29719	F	K0	K0	112	26-JUL-03 14-NOV-03	14-NOV-03
B29720	F	K0	K0	89	26-JUL-03 22-OCT-03	22-OCT-03
B29721	F	K0	K0	112	26-JUL-03 14-NOV-03	14-NOV-03
B29722	F	K0	K0	111	27-JUL-03 14-NOV-03	14-NOV-03
B29723	F	K0	K0	111	27-JUL-03 14-NOV-03	14-NOV-03
B29724	F	K0	K0	114	27-JUL-03 17-NOV-03	17-NOV-03
B29725	F	K0	K0	114	27-JUL-03 17-NOV-03	17-NOV-03

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TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29301 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, grade 1
- ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29302 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

TESTES:

01: REDUCED IN SIZE, SOFT.

EPIDIDYMIDES:

01: REDUCED IN SIZE.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

Organ examined, no pathologic findings noted

PITUITARY GLAND:

Organ examined, no pathologic findings noted

PROSTATE:

-Subacute prostatitis, grade 2

SEMINAL VESICLES+ COAGULATING GLANDS:

Organ examined, no pathologic findings noted

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

EPIDIDYMIS (RIGHT):

Organ examined, no pathologic findings noted

TESTES:

Organ not examined

left not examined; no relevant finding on right testis

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29302
.....

EPIDIDYMIDES:

Organ not examined
left not examined; no relevant finding seen on right epididymis

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29303 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

TESTES:

01: LEFT, REDUCED IN SIZE.

EPIDIDYMIDES:

01: LEFT, REDUCED IN SIZE.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Interstitial mononuclear cell aggregation, unilateral, grade 1

PITUITARY GLAND:

Organ examined, no pathologic findings noted

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

SEMINAL VESICLES+ COAGULATING GLANDS:

Organ examined, no pathologic findings noted

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Seminiferous tubules lined by Sertoli cells only, grade 1

EPIDIDYMIS (RIGHT):

Organ examined, no pathologic findings noted

EPIDIDYMIS (LEFT):

Tissue not present for histologic examination

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29303
.....

TESTIS, LEFT:

Tissue not present for histologic examination

TESTES:

Organ not examined

Tissue with necropsy observation no.01 not submitted for
microscopic examination.

EPIDIDYMIDES:

Organ not examined

Tissue with necropsy observation no.01 not submitted for
microscopic examination.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29304 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 28.08.03
DAYS ON TEST : 37
DATE OF NECROPSY : 28.08.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : SACRIFICED MORIBUND
.....

* NECROPSY FINDINGS

KIDNEYS:
01: PALENESS.
SPLEEN:
01: REDUCED IN SIZE.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29305 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1
- Cyst(s), unilateral

PITUITARY GLAND:

- Vacuolated cells, grade 1

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present
- Degenerated/necrotic cells sloughed in lumen, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29306 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number
-Round spermatids (steps 1-9) present/normal number
-Spermatocytes present/normal number
-Spermatogonia present/normal number
-Different stages of spermatogenic cycle present

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29307 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present

EPIDIDYMIS (RIGHT):

- Interstitial mononuclear cell aggregation, grade 2

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29308 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

- Epithelial cell atrophy, grade 2
- Interstitial mononuclear cell aggregation, grade 1

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present
- Degeneration of germinal epithelium, focal, below capsule, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29309 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PITUITARY GLAND:

-Vacuolated cells, grade 1

PROSTATE:

-Epithelial cell atrophy, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Degenerated/necrotic cells sloughed in lumen, grade 1

-Seminiferous tubules lined by Sertoli cells only, focal,
grade 1

-Vacuolated sertoli cells, focal, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29310 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

PROSTATE:

-Subacute prostatitis, grade 3

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Vacuolated seminiferous tubules, focal, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29311 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Epithelial cell atrophy, grade 3

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29312 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

PITUITARY GLAND:

-Vacuolated cells, grade 1

PROSTATE:

-Subacute prostatitis, grade 4

SEMINAL VESICLES+ COAGULATING GLANDS:

Organ examined, no pathologic findings noted

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Degenerated/necrotic cells sloughed in lumen, grade 1

EPIDIDYMIS (RIGHT):

-Interstitial mononuclear cell aggregation, grade 1

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29313 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

PITUITARY GLAND:

-Vacuolated cells, grade 1

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Degenerated/necrotic cells sloughed in lumen, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29314 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

SPLEEN:
01: ENLARGED.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1
PITUITARY GLAND:
-Vacuolated cells, grade 2
TESTIS, RIGHT:
-Tailed spermatids (steps 10-19) present/normal number
-Round spermatids (steps 1-9) present/normal number
-Spermatocytes present/normal number
-Spermatogonia present/normal number
-Different stages of spermatogenic cycle present
SPLEEN:
-Lymphoid cell hyperplasia, grade 2
This finding corresponds to necropsy observation no: 01.
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29315 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: RIGHT: DILATED PELVIS.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

PITUITARY GLAND:

-Vacuolated cells, grade 1

PROSTATE:

-Granulocyte infiltration, focal, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Vacuolated seminiferous tubules, focal, grade 1

KIDNEYS:

-Dilated pelvis, unilateral, grade 3

This finding corresponds to necropsy observation no: 01.

-Tubular basophilia, unilateral, grade 2

-Peritubular fibrosis, unilateral, grade 2

-Interstitial mononuclear cell aggregation, unilateral, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29316 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Interstitial mononuclear cell aggregation, unilateral, grade 1
- Sinusoidal ectasia sometimes with blood extravasation, bilateral, grade 1

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29317 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Interstitial mononuclear cell aggregation, focal, unilateral, grade 1
- Sinusoidal ectasia sometimes with blood extravasation, bilateral, grade 1

PITUITARY GLAND:

- Vacuolated cells, grade 1

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present
- Degenerated/necrotic cells sloughed in lumen, grade 1
- Seminiferous tubules lined by Sertoli cells only, grade 1
- Vacuolated seminiferous tubules, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29318 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number
-Round spermatids (steps 1-9) present/normal number
-Spermatocytes present/normal number
-Spermatogonia present/normal number
-Different stages of spermatogenic cycle present
-Seminiferous tubules lined by Sertoli cells only, focal,
grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29319 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Epithelial cell atrophy, grade 2

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Seminiferous tubules lined by Sertoli cells only, focal,
grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29320 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: FOCI REDDISH/PURPLISH, SEVERAL, UP TO 0.1 CM IN DIAMETER.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

PITUITARY GLAND:

-Vacuolated cells, grade 1

PROSTATE:

-Epithelial cell atrophy, grade 1
-Interstitial mononuclear cell aggregation, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number
-Round spermatids (steps 1-9) present/normal number
-Spermatocytes present/normal number
-Spermatogonia present/normal number
-Different stages of spermatogenic cycle present

THYMUS:

-Capillary hemorrhage, grade 3

This finding corresponds to necropsy observation no: 01.

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29321 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Epithelial cell atrophy, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Degenerated/necrotic cells sloughed in lumen, grade 1

-Seminiferous tubules lined by Sertoli cells only, focal,
grade 1

-Vacuolated seminiferous tubules, focal, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29322 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PITUITARY GLAND:

-Vacuolated cells, grade 1

PROSTATE:

-Subacute prostatitis, grade 2

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Vacuolated seminiferous tubules, focal, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29323 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PITUITARY GLAND:

-Vacuolated cells, grade 2

PROSTATE:

-Epithelial cell atrophy, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Vacuolated seminiferous tubules, focal, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29324 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Epithelial cell atrophy, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Degenerated/necrotic cells sloughed in lumen, grade 1

-Seminiferous tubules lined by Sertoli cells only, focal,
grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29325 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Accessory adrenal cortex, unilateral
- Sinusoidal ectasia sometimes with blood extravasation, bilateral, grade 2

PROSTATE:

- Epithelial cell atrophy, grade 3
- Interstitial mononuclear cell aggregation, grade 1

SEMINAL VESICLES+ COAGULATING GLANDS:

- Interstitial mononuclear cell aggregation, unilateral, grade 1 coagulating gland

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present
- Degenerated/necrotic cells sloughed in lumen, grade 1
- Seminiferous tubules lined by Sertoli cells only, focal, grade 1
- Vacuolated seminiferous tubules, focal, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29701 SEX : FEMALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 118
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29702 SEX : FEMALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 118
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: BOTH HORNS: SEROUS CONTENTS.

ADIPOSE TISSUE:

01: OVARIAN REGION, NODULE YELLOWISH, APPROX 0.5 CM IN
DIAMETER, (A).

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus, residual morphology of pseudo-pregnancy

This finding corresponds to necropsy observation no: 01.

-Dilated lumen, both horns, grade 2

VAGINA:

-Proestrus, residual mucification/previous pseudo-pregnancy

ADIPOSE TISSUE:

-Fat necrosis, grade 2

This finding corresponds to necropsy observation no: 01.

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29703 SEX : FEMALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 03.11.03
DAYS ON TEST : 104
DATE OF NECROPSY : 03.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

ILEUM (+ PEYERS PATCHES):
01: MUCOSA: WHITISH COLOR.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1
OVARIES:
-Diestrus, bilateral
UTERUS:
poor quality
VAGINA:
-Diestrus
ILEUM (+ PEYERS PATCHES):
Nothing abnormal discovered corresponding with the necropsy
observation no.01.
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29704 SEX : FEMALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 12.11.03
DAYS ON TEST : 113
DATE OF NECROPSY : 12.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29705 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 117
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

-Yellowish pigment laden macrophages, both horns, grade 2
with perivascular hyalinosis

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29706 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 117
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

ADRENAL GLANDS:

01: LEFT: FOCUS BROWNISH/BLACKISH, APPROX 0.2 CM IN DIAMETER.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

PITUITARY GLAND:

-Cyst(s), pars intermedia, grade 1

UTERUS:

-Yellowish pigment laden macrophages, 1/2 horns, grade 2

VAGINA:

-Epithelial cell hyperplasia, grade 3

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29707 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 27.10.03
DAYS ON TEST : 96
DATE OF NECROPSY : 27.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

UTERUS:

poor quality

VAGINA:

-Mucification vaginal epithelium, grade 2

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29708 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 14.11.03
DAYS ON TEST : 114
DATE OF NECROPSY : 14.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29709 SEX : FEMALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 13.11.03
DAYS ON TEST : 112
DATE OF NECROPSY : 13.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

-Yellowish pigment laden macrophages, 1/2 horns, grade 3

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29710 SEX : FEMALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 13.11.03
DAYS ON TEST : 112
DATE OF NECROPSY : 13.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus
-Dilated lumen, both horns, grade 2

VAGINA:

-Proestrus, residual mucification/previous pseudo-pregnancy

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29711 SEX : FEMALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 13.11.03
DAYS ON TEST : 112
DATE OF NECROPSY : 13.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1
- Lipomatosis, focal, unilateral, grade 1

OVARIES:

- Metestrus, bilateral

UTERUS:

- Metestrus
- Yellowish pigment laden macrophages, 1/2 horns, grade 1

VAGINA:

- Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29712 SEX : FEMALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 27.10.03
DAYS ON TEST : 95
DATE OF NECROPSY : 27.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

OVARIES:

-Metestrus, bilateral

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29713 SEX : FEMALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 116
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Proestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

-Proestrus, morphology of previous pseudo-pregnancy

-Dilated lumen, grade 1

VAGINA:

-Proestrus, residual mucification/previous pseudo-pregnancy

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29714 SEX : FEMALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 21.11.03
DAYS ON TEST : 120
DATE OF NECROPSY : 21.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

-Yellowish pigment laden macrophages, 1/2 horns, grade 2

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29715 SEX : FEMALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 18.11.03
DAYS ON TEST : 117
DATE OF NECROPSY : 18.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Estrus, bilateral

UTERUS:

-Estrus

VAGINA:

-Estrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29716 SEX : FEMALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 116
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Diestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

-Diestrus

-Yellowish pigment laden macrophages, both horns, grade 2
sometimes with hyalinosis

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29717 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 18.11.03
DAYS ON TEST : 116
DATE OF NECROPSY : 18.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus

-Yellowish pigment laden macrophages, grade 1
sometimes with perivascular hyalinosis

-Dilated lumen, 1/2 horns, grade 1

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29718 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 12.11.03
DAYS ON TEST : 110
DATE OF NECROPSY : 12.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

-Yellowish pigment laden macrophages, both horns, grade 3

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29719 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 14.11.03
DAYS ON TEST : 112
DATE OF NECROPSY : 14.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

PITUITARY GLAND:

-Developmental cyst(s), multiple

OVARIES:

-Metestrus, bilateral

OVIDUCTS:

Organ examined, no pathologic findings noted

UTERUS:

-Metestrus

VAGINA:

-Metestrus

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29720 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 22.10.03
DAYS ON TEST : 89
DATE OF NECROPSY : 22.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

UTERUS:

-Morphology of pregnancy

VAGINA:

-Mucification vaginal epithelium, grade 3

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29721 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 14.11.03
DAYS ON TEST : 112
DATE OF NECROPSY : 14.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 2

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

-Yellowish pigment laden macrophages, grade 1
with perivascular hyalinosis

-Mineralization, 1/2 horns, grade 1

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29722 SEX : FEMALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 14.11.03
DAYS ON TEST : 111
DATE OF NECROPSY : 14.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: BOTH HORNS: SEROUS CONTENTS.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus

This finding corresponds to necropsy observation no: 01.

-Dilated lumen, both horns, grade 3

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29723 SEX : FEMALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 14.11.03
DAYS ON TEST : 111
DATE OF NECROPSY : 14.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Metestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

-Metestrus

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29724 SEX : FEMALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 114
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 1, 0mg/kg/d.F1

* ANIMAL NUMBER : B29725 SEX : FEMALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 114
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Estrus, bilateral

UTERUS:

-Estrus

-Yellowish pigment laden macrophages, 1/2 horns, grade 2

VAGINA:

-Estrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

 ANIMAL HEADING DATA

DOSE GROUP : 2, 250mg/kg/d.F1

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	FINAL NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY
B29326	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29327	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29328	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29329	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29330	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29331	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29332	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29333	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29334	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29335	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29336	M	K0	K0	125	24-JUL-03 25-NOV-03	25-NOV-03
B29337	M	K0	K0	125	24-JUL-03 25-NOV-03	25-NOV-03
B29338	M	K0	K0	125	24-JUL-03 25-NOV-03	25-NOV-03
B29339	M	K0	K0	125	24-JUL-03 25-NOV-03	25-NOV-03
B29340	M	K0	K0	124	25-JUL-03 25-NOV-03	25-NOV-03
B29341	M	K0	K0	125	25-JUL-03 26-NOV-03	26-NOV-03
B29342	M	K0	K0	125	25-JUL-03 26-NOV-03	26-NOV-03
B29343	M	K0	K0	125	25-JUL-03 26-NOV-03	26-NOV-03
B29344	M	K0	K0	125	25-JUL-03 26-NOV-03	26-NOV-03
B29345	M	K0	K0	125	25-JUL-03 26-NOV-03	26-NOV-03
B29346	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29347	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29348	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29349	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29350	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29726	F	K0	K0	118	23-JUL-03 17-NOV-03	17-NOV-03
B29727	F	K0	K0	119	23-JUL-03 18-NOV-03	18-NOV-03
B29728	F	K0	K0	115	23-JUL-03 14-NOV-03	14-NOV-03
B29729	F	K0	K0	113	23-JUL-03 12-NOV-03	12-NOV-03
B29730	F	K0	K0	97	23-JUL-03 27-OCT-03	27-OCT-03
B29731	F	K0	K0	114	23-JUL-03 13-NOV-03	13-NOV-03
B29732	F	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29733	F	K0	K0	114	24-JUL-03 14-NOV-03	14-NOV-03
B29734	F	K0	K0	125	24-JUL-03 25-NOV-03	25-NOV-03
B29735	F	K0	K0	118	24-JUL-03 18-NOV-03	18-NOV-03
B29736	F	K0	K0	113	24-JUL-03 13-NOV-03	13-NOV-03
B29737	F	K0	K0	96	24-JUL-03 27-OCT-03	27-OCT-03
B29738	F	K0	K0	99	24-JUL-03 30-OCT-03	30-OCT-03
B29739	F	K0	+2	96	24-JUL-03 27-OCT-03	27-OCT-03
B29740	F	K0	K0	113	25-JUL-03 14-NOV-03	14-NOV-03

ANIMAL HEADING DATA

DOSE GROUP : 2, 250mg/kg/d.F1

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY	
B29741	F	K0	K0	117	25-JUL-03 18-NOV-03	18-NOV-03
B29742	F	K0	K0	112	25-JUL-03 13-NOV-03	13-NOV-03
B29743	F	K0	K0	112	25-JUL-03 13-NOV-03	13-NOV-03
B29744	F	K0	K0	117	25-JUL-03 18-NOV-03	18-NOV-03
B29745	F	K0	K0	117	25-JUL-03 18-NOV-03	18-NOV-03
B29746	F	K0	K0	89	26-JUL-03 22-OCT-03	22-OCT-03
B29747	F	K0	K0	116	26-JUL-03 18-NOV-03	18-NOV-03
B29748	F	K0	K0	110	27-JUL-03 13-NOV-03	13-NOV-03
B29749	F	K0	K0	110	27-JUL-03 13-NOV-03	13-NOV-03
B29750	F	K0	K0	114	27-JUL-03 17-NOV-03	17-NOV-03

.....

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29326 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29327 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Seminiferous tubules lined by Sertoli cells only, grade 1
along albuginea
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29328 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYMUS:

01: RIGHT LOBE: REDUCED IN SIZE.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, focal, grade 1
 - Vacuolated seminiferous tubules, focal, grade 1
 - Degeneration of germinal epithelium, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29329 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, grade 2
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29330 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Vacuolated seminiferous tubules, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29331 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29332 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29333 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

TESTES:

01: SOFT, REDUCED IN SIZE.

EPIDIDYMIDES:

01: REDUCED IN SIZE.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

PROSTATE:

-Epithelial cell atrophy, grade 3

TESTIS, RIGHT:

-Reduced number of tailed spermatids, grade 4

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Reduced round spermatids, grade 4

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Spermatocytes reduced in number, grade 4

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Spermatogonia Reduced, grade 4

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Different stages of cycle disturbed, grade 4

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Seminiferous tubules lined by Sertoli cells only, grade 4

This finding corresponds to necropsy observation no.: 01

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29333
.....

in the TESTES.

-Spermatic granuloma, grade 2

EPIDIDYMIS (RIGHT):

-Oligospermia, grade 4

This finding corresponds to necropsy observation no.: 01

in the EPIDIDYMIDES.

TESTES:

Organ not examined

For diagnosis of necropsy observation no. 01 see under:

TESTIS, RIGHT.

EPIDIDYMIDES:

Organ not examined

For diagnosis of necropsy observation no. 01 see under:

EPIDIDYMIS (RIGHT).

SEMINAL VESICLE:

Organ examined, no pathologic findings noted

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29334 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29335 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29336 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29337 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Seminiferous tubules lined by Sertoli cells only, focal,
grade 1
under albuginea
 - Vacuolated seminiferous tubules, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29338 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29339 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, grade 1
 - Seminiferous tubules lined by Sertoli cells only, focal, grade 1
beneath albuginea
 - Vacuolated seminiferous tubules, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29340 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

TESTES:

01: RIGHT: TRANSLUCENT ASPECT.

EPIDIDYMIDES:

01: RIGHT: REDUCED IN SIZE.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Reduced number of tailed spermatids, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
- Reduced round spermatids, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
- Spermatocytes reduced in number, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
- Spermatogonia Reduced, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
- Different stages of cycle disturbed, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
- Seminiferous tubules lined by Sertoli cells only, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
- Vacuolated sertoli cells, grade 3

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 2, 250mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29340
.....

TESTES:

Organ not examined
For diagnosis of necropsy observation no. 01 see under:
TESTIS, RIGHT.

EPIDIDYMIDES:

Tissue with necropsy observation no.01 not submitted for
microscopic examination.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29341 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

ADRENAL GLANDS:
01: RIGHT: REDUCED IN SIZE.
TESTES:
01: LEFT: ENLARGED.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
Organ examined, no pathologic findings noted
Nothing abnormal discovered corresponding with the necropsy
observation no.01.
PROSTATE:
-Epithelial cell atrophy, grade 4
SEMINAL VESICLES+ COAGULATING GLANDS:
Organ examined, no pathologic findings noted
TESTIS, RIGHT:
-Tailed spermatids (steps 10-19) present/normal number
-Round spermatids (steps 1-9) present/normal number
-Spermatocytes present/normal number
-Spermatogonia present/normal number
-Different stages of spermatogenic cycle present
EPIDIDYMIS (RIGHT):
Organ examined, no pathologic findings noted
TESTIS, LEFT:
Tissue not present for histologic examination

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 2, 250mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29341
.....

TESTES:

Organ not examined
Tissue with necropsy observation no.01 not submitted for
microscopic examination.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29342 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29343 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Vacuolated seminiferous tubules, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29344 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29345 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Multinucleated Giant Cells, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29346 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: IRREGULAR COLOR.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29347 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29348 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Seminiferous tubules lined by Sertoli cells only, focal,
grade 1
beneath albuginea
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29349 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29350 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

TESTES:

01: REDUCED IN SIZE.

EPIDIDYMIDES:

01: REDUCED IN SIZE, TRANSLUCENT ASPECT.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

PROSTATE:

- Epithelial cell atrophy, grade 1
- Interstitial mononuclear cell aggregation, grade 2
- Subacute prostatitis, grade 2

SEMINAL VESICLES+ COAGULATING GLANDS:

Organ examined, no pathologic findings noted

TESTIS, RIGHT:

- Reduced number of tailed spermatids, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
- Reduced round spermatids, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
- Spermatocytes reduced in number, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
- Spermatogonia Reduced, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
- Different stages of cycle disturbed, grade 5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 2, 250mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29350
.....

This finding corresponds to necropsy observation no.: 01
in the TESTES.
-Seminiferous tubules lined by Sertoli cells only, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
-Vacuolated sertoli cells, grade 3
EPIDIDYMIS (RIGHT):
-Oligospermia, grade 4
This finding corresponds to necropsy observation no.: 01
in the EPIDIDYMIDES.
TESTES:
Organ not examined
For diagnosis of necropsy observation no. 01 see under:
TESTIS, RIGHT.
EPIDIDYMIDES:
Organ not examined
For diagnosis of necropsy observation no. 01 see under:
EPIDIDYMIS (RIGHT).

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29727 SEX : FEMALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 18.11.03
DAYS ON TEST : 119
DATE OF NECROPSY : 18.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: BOTH HORNS: SEROUS CONTENTS.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29738 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 30.10.03
DAYS ON TEST : 99
DATE OF NECROPSY : 30.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

THYROID GLANDS:

01: LEFT: ENLARGED.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

Only one of paired organs examined/present

UTERUS:

-Morphology of pregnancy, at level of one horn
characterized by marked vascular changes in uterine wall

VAGINA:

-Mucification vaginal epithelium, grade 2
-Epithelial cell hyperplasia, covered by mucification, grade 2

THYROID GLANDS:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29739 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 27.10.03
DAYS ON TEST : 96
DATE OF NECROPSY : 27.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : SACRIFICED MORIBUND
.....

* NECROPSY FINDINGS

ILEUM (+ PEYERS PATCHES):
01: DISTENDED WITH GAS.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:
-Proestrus, bilateral
OVIDUCTS:
Only one of paired organs examined/present
UTERUS:
-Proestrus
-Yellowish pigment laden macrophages, both horns, grade 2
sometimes with hyalinosis
-Dilated lumen, both horns, grade 2
VAGINA:
-Proestrus
ILEUM (+ PEYERS PATCHES):
Nothing abnormal discovered corresponding with the necropsy
observation no.01.
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29746 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 22.10.03
DAYS ON TEST : 89
DATE OF NECROPSY : 22.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Estrus, bilateral

UTERUS:

poor quality

VAGINA:

-Estrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 2, 250mg/kg/d.F1

* ANIMAL NUMBER : B29747 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 18.11.03
DAYS ON TEST : 116
DATE OF NECROPSY : 18.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: BOTH HORNS: SEROUS CONTENTS.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

- ALL OTHER ANIMALS IN DOSE GROUP WITHOUT PATHOLOGICAL FINDINGS -

 ANIMAL HEADING DATA

DOSE GROUP : 3, 500mg/kg/d.F1

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	FINAL NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY
B29351	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29352	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29353	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29354	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29355	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29356	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29357	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29358	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29359	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29360	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29361	M	K0	K0	125	24-JUL-03 25-NOV-03	25-NOV-03
B29362	M	K0	K0	125	24-JUL-03 25-NOV-03	25-NOV-03
B29363	M	K0	K0	125	24-JUL-03 25-NOV-03	25-NOV-03
B29364	M	K0	K0	125	24-JUL-03 25-NOV-03	25-NOV-03
B29365	M	K0	K0	125	24-JUL-03 25-NOV-03	25-NOV-03
B29366	M	K0	K0	125	25-JUL-03 26-NOV-03	26-NOV-03
B29367	M	K0	K0	125	25-JUL-03 26-NOV-03	26-NOV-03
B29368	M	K0	K0	125	25-JUL-03 26-NOV-03	26-NOV-03
B29369	M	K0	K0	125	25-JUL-03 26-NOV-03	26-NOV-03
B29370	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29371	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29372	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29373	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29374	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29375	M	K0	+1	93	27-JUL-03 27-OCT-03	27-OCT-03
B29751	F	K0	K0	118	23-JUL-03 17-NOV-03	17-NOV-03
B29752	F	K0	K0	115	23-JUL-03 14-NOV-03	14-NOV-03
B29753	F	K0	K0	115	23-JUL-03 14-NOV-03	14-NOV-03
B29754	F	K0	K0	119	23-JUL-03 18-NOV-03	18-NOV-03
B29755	F	K0	K0	114	23-JUL-03 13-NOV-03	13-NOV-03
B29756	F	K0	K0	118	23-JUL-03 17-NOV-03	17-NOV-03
B29757	F	K0	K0	117	24-JUL-03 17-NOV-03	17-NOV-03
B29758	F	K0	K0	117	24-JUL-03 17-NOV-03	17-NOV-03
B29759	F	K0	K0	117	24-JUL-03 17-NOV-03	17-NOV-03
B29760	F	K0	K0	113	24-JUL-03 13-NOV-03	13-NOV-03
B29761	F	K0	K0	99	24-JUL-03 30-OCT-03	30-OCT-03
B29762	F	K0	K0	96	24-JUL-03 27-OCT-03	27-OCT-03
B29763	F	K0	K0	117	24-JUL-03 17-NOV-03	17-NOV-03
B29764	F	K0	K0	117	24-JUL-03 17-NOV-03	17-NOV-03
B29765	F	K0	K0	113	24-JUL-03 13-NOV-03	13-NOV-03

ANIMAL HEADING DATA

DOSE GROUP : 3, 500mg/kg/d.F1

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY	
B29766	F	K0	K0	111	25-JUL-03 12-NOV-03	12-NOV-03
B29767	F	K0	K0	117	25-JUL-03 18-NOV-03	18-NOV-03
B29768	F	K0	K0	113	25-JUL-03 14-NOV-03	14-NOV-03
B29769	F	K0	K0	112	25-JUL-03 13-NOV-03	13-NOV-03
B29770	F	K0	K0	112	26-JUL-03 14-NOV-03	14-NOV-03
B29771	F	K0	K0	115	26-JUL-03 17-NOV-03	17-NOV-03
B29772	F	K0	K0	111	26-JUL-03 13-NOV-03	13-NOV-03
B29773	F	K0	K0	93	27-JUL-03 27-OCT-03	27-OCT-03
B29774	F	K0	K0	111	27-JUL-03 14-NOV-03	14-NOV-03
B29775	F	K0	K0	110	27-JUL-03 13-NOV-03	13-NOV-03

.....

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29351 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29352 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, focal, grade 1
 - Vacuolated seminiferous tubules, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29353 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29354 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: PALENESS.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29355 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present
- Seminiferous tubules lined by Sertoli cells only, focal,
grade 1
beneath albuginea
- Vacuolated sertoli cells, focal, grade 1

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29356 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, grade 2
 - Seminiferous tubules lined by Sertoli cells only, grade 1
beneath albuginea
 - Retained spermatids (stage 19 within tubules of stage>IX),
grade 1
in a few tubules of stage X
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29357 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

TESTES:

01: REDUCED IN SIZE, SOFT.

EPIDIDYMIDES:

01: REDUCED IN SIZE.

KIDNEYS:

01: PALENESS.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 2

-Acute Prostatitis, focal, grade 2

SEMINAL VESICLES+ COAGULATING GLANDS:

Organ examined, no pathologic findings noted

TESTIS, RIGHT:

-Reduced number of tailed spermatids, grade 5

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Reduced round spermatids, grade 5

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Spermatocytes reduced in number, grade 5

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Spermatogonia Reduced, grade 5

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Different stages of cycle disturbed, grade 5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 3, 500mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29357
.....

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Seminiferous tubules lined by Sertoli cells only, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.

EPIDIDYMIS (RIGHT):

-Oligospermia, grade 3

This finding corresponds to necropsy observation no.: 01
in the EPIDIDYMIDES.

-Exfoliated spermatids sloughed in epididymal ducts, grade 3
This finding corresponds to necropsy observation no.: 01
in the EPIDIDYMIDES.

TESTES:

Organ not examined

For diagnosis of necropsy observation no. 01 see under:
TESTIS, RIGHT.

EPIDIDYMIDES:

Organ not examined

For diagnosis of necropsy observation no. 01 see under:
EPIDIDYMIS (RIGHT).

KIDNEYS:

-Tubular basophilia, bilateral, grade 3

This finding corresponds to necropsy observation no: 01.

-Peritubular fibrosis, bilateral, grade 3

This finding corresponds to necropsy observation no: 01.

-Tubular dilatation, bilateral, grade 2

This finding corresponds to necropsy observation no: 01.

-Acidophilic globules in cortical tubular epithelium, bilateral,
grade 4

This finding corresponds to necropsy observation no: 01.

-Degenerated/necrotic cells sloughed in tubular lumens,
bilateral, grade 3

This finding corresponds to necropsy observation no: 01.

-Interstitial mononuclear cell aggregation, bilateral, grade 2

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29358 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, grade 1
 - Seminiferous tubules lined by Sertoli cells only, focal, grade 1
beneath albuginea
 - Vacuolated sertoli cells, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29359 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: GREY/GREEN COLOR.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29360 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29361 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29362 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, grade 1
 - Seminiferous tubules lined by Sertoli cells only, focal, grade 1
 - Vacuolated seminiferous tubules, focal, grade 1
 - Vacuolated sertoli cells, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29363 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: RIGHT: DILATED PELVIS.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29364 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29365 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29366 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, grade 2
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29367 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Seminiferous tubules lined by Sertoli cells only, focal,
grade 1
beneath albuginea
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29368 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Seminiferous tubules lined by Sertoli cells only, focal,
grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29369 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: PALENESS.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29370 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: IRREGULAR COLOR.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29371 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Vacuolated seminiferous tubules, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29372 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

ADIPOSE TISSUE:

01: PANCREATIC REGION, NODULE REDDISH/PURPLISH, APPROX 0.4 CM
IN DIAMETER, (A).

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29373 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, grade 2
 - Seminiferous tubules lined by Sertoli cells only, focal,
grade 1
beneath albuginea
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29374 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
 - Round spermatids (steps 1-9) present/normal number
 - Spermatocytes present/normal number
 - Spermatogonia present/normal number
 - Different stages of spermatogenic cycle present
 - Degenerated/necrotic cells sloughed in lumen, grade 1
grading does not include presence of desquamated cells in
lumen considered to be due to technical artifacts
 - Seminiferous tubules lined by Sertoli cells only, focal,
grade 1
beneath albuginea
 - Vacuolated seminiferous tubules, focal, grade 1
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29375 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 27.10.03
DAYS ON TEST : 93
DATE OF NECROPSY : 27.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : FOUND DEAD
.....

* NECROPSY FINDINGS

LUNGS (+ BRONCHI) :
01: DILATATION, FOAMY CONTENTS.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29757 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 117
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: BOTH HORNS: SEROUS CONTENTS.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29761 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 30.10.03
DAYS ON TEST : 99
DATE OF NECROPSY : 30.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

UTERUS:

poor quality

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29762 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 27.10.03
DAYS ON TEST : 96
DATE OF NECROPSY : 27.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

poor quality

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29771 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 115
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: BOTH HORNS: SEROUS CONTENTS.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 3, 500mg/kg/d.F1

* ANIMAL NUMBER : B29773 SEX : FEMALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 27.10.03
DAYS ON TEST : 93
DATE OF NECROPSY : 27.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: RIGHT HORN, BOTH HORNS: SEROUS CONTENTS.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

OVARIES:

-Proestrus, bilateral

UTERUS:

poor quality of the section
however dilatation of both horns is most probably related
to proestrus phase (see vagina)
Nothing abnormal discovered corresponding with the necropsy
observation no.01.

VAGINA:

-Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

- ALL OTHER ANIMALS IN DOSE GROUP WITHOUT PATHOLOGICAL FINDINGS -

 ANIMAL HEADING DATA

DOSE GROUP : 4, 1000mg/kg/d.F1

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY	
B29376	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29377	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29378	M	K0	K0	125	23-JUL-03 24-NOV-03	24-NOV-03
B29379	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29380	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29381	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29382	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29383	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29384	M	K0	K0	124	24-JUL-03 24-NOV-03	24-NOV-03
B29385	M	K0	K0	123	25-JUL-03 24-NOV-03	24-NOV-03
B29386	M	K0	K0	124	25-JUL-03 25-NOV-03	25-NOV-03
B29387	M	K0	K0	124	25-JUL-03 25-NOV-03	25-NOV-03
B29388	M	K0	K0	123	26-JUL-03 25-NOV-03	25-NOV-03
B29389	M	K0	K0	123	26-JUL-03 25-NOV-03	25-NOV-03
B29390	M	K0	K0	123	26-JUL-03 25-NOV-03	25-NOV-03
B29391	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29392	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29393	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29394	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29395	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29396	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29397	M	K0	K0	124	26-JUL-03 26-NOV-03	26-NOV-03
B29398	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29399	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29400	M	K0	K0	123	27-JUL-03 26-NOV-03	26-NOV-03
B29776	F	K0	K0	119	23-JUL-03 18-NOV-03	18-NOV-03
B29777	F	K0	+1	47	23-JUL-03 07-SEP-03	07-SEP-03
B29778	F	K0	K0	97	23-JUL-03 27-OCT-03	27-OCT-03
B29779	F	K0	K0	114	24-JUL-03 14-NOV-03	14-NOV-03
B29780	F	K0	K0	117	24-JUL-03 17-NOV-03	17-NOV-03
B29781	F	K0	K0	117	24-JUL-03 17-NOV-03	17-NOV-03
B29782	F	K0	K0	114	24-JUL-03 14-NOV-03	14-NOV-03
B29783	F	K0	K0	117	24-JUL-03 17-NOV-03	17-NOV-03
B29784	F	K0	K0	114	24-JUL-03 14-NOV-03	14-NOV-03
B29785	F	K0	K0	113	25-JUL-03 14-NOV-03	14-NOV-03
B29786	F	K0	K0	90	25-JUL-03 22-OCT-03	22-OCT-03
B29787	F	K0	K0	90	25-JUL-03 22-OCT-03	22-OCT-03
B29788	F	K0	K0	112	26-JUL-03 14-NOV-03	14-NOV-03
B29789	F	K0	K0	115	26-JUL-03 17-NOV-03	17-NOV-03
B29790	F	K0	K0	115	26-JUL-03 17-NOV-03	17-NOV-03

ANIMAL HEADING DATA

DOSE GROUP : 4, 1000mg/kg/d.F1

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY	TEST DAYS	FIRST AND LAST DAY UNDER TEST	DATE OF NECROPSY	
B29791	F	K0	K0	111	26-JUL-03 13-NOV-03	13-NOV-03
B29792	F	K0	K0	115	26-JUL-03 17-NOV-03	17-NOV-03
B29793	F	K0	K0	111	26-JUL-03 13-NOV-03	13-NOV-03
B29794	F	K0	K0	111	26-JUL-03 13-NOV-03	13-NOV-03
B29795	F	K0	K0	112	26-JUL-03 14-NOV-03	14-NOV-03
B29796	F	K0	K0	110	26-JUL-03 12-NOV-03	12-NOV-03
B29797	F	K0	K0	111	26-JUL-03 13-NOV-03	13-NOV-03
B29798	F	K0	K0	88	27-JUL-03 22-OCT-03	22-OCT-03
B29799	F	K0	+2	93	27-JUL-03 27-OCT-03	27-OCT-03
B29800	F	K0	K0	114	27-JUL-03 17-NOV-03	17-NOV-03

.....

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29376 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Vacuolated cortical cell, bilateral, grade 2

PROSTATE:

-Interstitial mononuclear cell aggregation, multifocal, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29377 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Accessory adrenal cortex, unilateral
- Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

PROSTATE:

- Epithelial cell atrophy, grade 1
- Acute Prostatitis, focal, grade 1
- Subacute prostatitis, grade 2

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29378 SEX : MALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 125
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Lipomatosis, focal, unilateral, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29379 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Accessory adrenal cortex, unilateral
- Sinusoidal ectasia sometimes with blood extravasation, unilateral, grade 1
- Vacuolated cortical cell, bilateral, grade 2

PITUITARY GLAND:

- Vacuolated cells, grade 1

PROSTATE:

- Hypersecretion, dorso-lateral part, grade 2
- Epithelial cell atrophy, grade 2

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present
- Degenerated/necrotic cells sloughed in lumen, grade 1
- Seminiferous tubules lined by Sertoli cells only, focal, grade 1
- Vacuolated seminiferous tubules, focal, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29380 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Interstitial mononuclear cell aggregation, bilateral, grade 1

PITUITARY GLAND:

-Vacuolated cells, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Degeneration of germinal epithelium, focal, part of tubule,
grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29381 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

TESTES:

01: SOFT, REDUCED IN SIZE.

EPIDIDYMIDES:

01: REDUCED IN SIZE.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

Organ examined, no pathologic findings noted

PITUITARY GLAND:

-Vacuolated cells, grade 1

PROSTATE:

-Epithelial cell atrophy, grade 2

-Subacute prostatitis, grade 3

SEMINAL VESICLES+ COAGULATING GLANDS:

Organ examined, no pathologic findings noted

TESTIS, RIGHT:

-Reduced number of tailed spermatids, grade 5

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Reduced round spermatids, grade 5

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Spermatocytes reduced in number, grade 5

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Spermatogonia Reduced, grade 5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 4, 1000mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29381
.....

This finding corresponds to necropsy observation no.: 01
in the TESTES.
-Different stages of cycle disturbed, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
-Seminiferous tubules lined by Sertoli cells only, grade 5
This finding corresponds to necropsy observation no.: 01
in the TESTES.
EPIDIDYMIS (RIGHT):
-Aspermia, grade 5
This finding corresponds to necropsy observation no.: 01
in the EPIDIDYMIDES.
TESTES:
Organ not examined
For diagnosis of necropsy observation no. 01 see under:
TESTIS, RIGHT.
EPIDIDYMIDES:
Organ not examined
For diagnosis of necropsy observation no. 01 see under:
EPIDIDYMIS (RIGHT).

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29382 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Interstitial mononuclear cell aggregation, bilateral, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Seminiferous tubules lined by Sertoli cells only, grade 1

-Vacuolated seminiferous tubules, focal, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29383 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

PROSTATE:

-Interstitial mononuclear cell aggregation, focal, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number
-Round spermatids (steps 1-9) present/normal number
-Spermatocytes present/normal number
-Spermatogonia present/normal number
-Different stages of spermatogenic cycle present

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29384 SEX : MALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

PROSTATE:

-Epithelial cell atrophy, grade 2

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Degenerated/necrotic cells sloughed in lumen, grade 2

-Seminiferous tubules lined by Sertoli cells only, focal,
grade 2

-Vacuolated sertoli cells, focal, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29385 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 24.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 24.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1
- Cyst(s), unilateral

PROSTATE:

- Epithelial cell atrophy, grade 1

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29386 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Epithelial cell atrophy, grade 2

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Seminiferous tubules lined by Sertoli cells only, focal,
grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29387 SEX : MALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

KIDNEYS:

01: RIGHT: MASS GREYISH/WHITISH, APPROX 4.5 CM LONG, APPROX 3.5
CM WIDE, FIRM, HOMOGENOUS, NODULAR.

02: LEFT: MASS GREYISH/WHITISH, APPROX 3 CM LONG, APPROX 2 CM
WIDE, FIRM, HOMOGENOUS, NODULAR.

03: LEFT: ENLARGED.

SPLEEN:

01: ENLARGED.

URINARY BLADDER:

01: MUCOSA: THICKENED.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Interstitial mononuclear cell aggregation, unilateral, grade 1

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

-Cyst(s), unilateral

PROSTATE:

-Atrophy of tubulo-alveolar units, grade 2

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Seminiferous tubules lined by Sertoli cells only, focal,

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29387
.....

grade 1

KIDNEYS:

-Nephroblastoma, bilateral (malignant neoplasm)

This finding corresponds to necropsy observations nos: 01,02,03.

SPLEEN:

-Lymphoid cell hyperplasia, grade 2

This finding corresponds to necropsy observation no: 01.

-Extramedullary hematopoiesis, grade 2

This finding corresponds to necropsy observation no: 01.

URINARY BLADDER:

Nothing abnormal discovered corresponding with the necropsy
observation no.01.

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29388 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29389 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

-Epithelial cell atrophy, grade 2

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Seminiferous tubules lined by Sertoli cells only, focal,
grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29390 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 25.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 25.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

LIVER:

01: ENLARGED.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

-Vacuolated cortical cell, bilateral, grade 2

PITUITARY GLAND:

-Developmental cyst(s), multiple

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Degenerated/necrotic cells sloughed in lumen, grade 1

-Seminiferous tubules lined by Sertoli cells only, focal,
grade 1

LIVER:

-Mononuclear cell aggregation, grade 1

-Hepatocellular hypertrophy, centri-lobular, grade 2

hepatocytes show enlarged clear cytoplasm with refringent
cytoplasmic membrane at periphery

This finding corresponds to necropsy observation no: 01.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29390

.....
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29391 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

TESTES:

01: RIGHT: REDUCED IN SIZE, SOFT.

EPIDIDYMIDES:

01: RIGHT: REDUCED IN SIZE.

KIDNEYS:

01: IRREGULAR COLOR.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Interstitial mononuclear cell aggregation, bilateral, grade 1

PITUITARY GLAND:

Organ examined, no pathologic findings noted

PROSTATE:

-Epithelial cell atrophy, grade 2

SEMINAL VESICLES+ COAGULATING GLANDS:

Organ examined, no pathologic findings noted

TESTIS, RIGHT:

-Reduced number of tailed spermatids, grade 4

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Reduced round spermatids, grade 4

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Spermatocytes reduced in number, grade 4

This finding corresponds to necropsy observation no.: 01
in the TESTES.

-Spermatogonia Reduced, grade 4

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 4, 1000mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29391
.....

This finding corresponds to necropsy observation no.: 01
in the TESTES.
-Different stages of cycle disturbed, grade 4
This finding corresponds to necropsy observation no.: 01
in the TESTES.
-Seminiferous tubules lined by Sertoli cells only, grade 4
This finding corresponds to necropsy observation no.: 01
in the TESTES.
-Vacuolated sertoli cells, grade 3
This finding corresponds to necropsy observation no.: 01
in the TESTES.
EPIDIDYMIS (RIGHT):
-Oligospermia, grade 4
This finding corresponds to necropsy observation no.: 01
in the EPIDIDYMIDES.
TESTES:
Organ not examined
For diagnosis of necropsy observation no. 01 see under:
TESTIS, RIGHT.
EPIDIDYMIDES:
Organ not examined
For diagnosis of necropsy observation no. 01 see under:
EPIDIDYMIS (RIGHT).
KIDNEYS:
-Tubular basophilia, unilateral, grade 1
-Peritubular fibrosis, unilateral, grade 1
-Acidophilic globules in cortical tubular epithelium, bilateral,
grade 4
This finding corresponds to necropsy observation no: 01.
-Interstitial mononuclear cell aggregation, unilateral, grade 1

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29392 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PROSTATE:

- Epithelial cell atrophy, grade 2
- Interstitial mononuclear cell aggregation, focal, grade 1

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present
- Seminiferous tubules lined by Sertoli cells only, focal, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29393 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

PITUITARY GLAND:

-Vacuolated cells, grade 1

PROSTATE:

-Subacute prostatitis, grade 2

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Degenerated/necrotic cells sloughed in lumen, grade 2

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29394 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present
- Seminiferous tubules lined by Sertoli cells only, focal,
grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29395 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PITUITARY GLAND:

-Vacuolated cells, grade 1

PROSTATE:

-Epithelial cell atrophy, grade 3

-Interstitial mononuclear cell aggregation, grade 1

TESTIS, RIGHT:

-Reduced number of tailed spermatids, occasional, grade 1
two tubules

-Reduced round spermatids, one tubule, grade 1

-Spermatocytes reduced in number, one tubule, grade 1

-Spermatogonia Reduced, one tubule, grade 1

-Different stages of spermatogenic cycle present

-Vacuolated seminiferous tubules, focal, grade 1

-Multinucleated Giant Cells, focal, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29396 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

PITUITARY GLAND:

-Vacuolated cells, grade 1

PROSTATE:

-Subacute prostatitis, grade 3

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29397 SEX : MALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 124
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Vacuolated cortical cell, bilateral, grade 2

PITUITARY GLAND:

-Vacuolated cells, grade 1

PROSTATE:

-Subacute prostatitis, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29398 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

TESTES:

01: LEFT: TRANSLUCENT ASPECT.

EPIDIDYMIDES:

01: LEFT: REDUCED IN SIZE, TRANSLUCENT ASPECT.

KIDNEYS:

01: RIGHT: DILATED PELVIS.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

PITUITARY GLAND:

Organ examined, no pathologic findings noted

PROSTATE:

-Interstitial mononuclear cell aggregation, grade 1

SEMINAL VESICLES+ COAGULATING GLANDS:

Organ examined, no pathologic findings noted

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Degenerated/necrotic cells sloughed in lumen, grade 2

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29398
.....

EPIDIDYMIS (RIGHT):

Organ examined, no pathologic findings noted

TESTES:

Organ not examined

Tissue with necropsy observation no.01 not submitted for
microscopic examination.

EPIDIDYMIDES:

Organ not examined

Tissue with necropsy observation no.01 not submitted for
microscopic examination.

KIDNEYS:

-Dilated pelvis, unilateral, grade 2

This finding corresponds to necropsy observation no: 01.

-Acidophilic globules in cortical tubular epithelium, bilateral,
grade 2

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29399 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

LIVER:

01: ENLARGED, ACCENTUATED LOBULAR PATTERN.

KIDNEYS:

01: GREY/GREEN COLOR.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

PITUITARY GLAND:

-Vacuolated cells, grade 2

PROSTATE:

-Epithelial cell atrophy, grade 2

-Interstitial mononuclear cell aggregation, grade 1

-Granulocyte infiltration, multifocal, grade 1

TESTIS, RIGHT:

-Tailed spermatids (steps 10-19) present/normal number

-Round spermatids (steps 1-9) present/normal number

-Spermatocytes present/normal number

-Spermatogonia present/normal number

-Different stages of spermatogenic cycle present

-Seminiferous tubules lined by Sertoli cells only, focal,
grade 1

LIVER:

-Altered cell foci acidophilic, one, grade 1

-Altered cell foci clear, multiple, grade 1

-Mononuclear cell aggregation, grade 2

sometimes with single cell necrosis

-Hepatocellular hypertrophy, centri-lobular, grade 3

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

CONT./FF. ANIMAL NO. : B29399
.....

characterized by enlarged clear cytoplasm and/or refringent
cytoplasmic membrane

This finding corresponds to necropsy observation no: 01.

KIDNEYS:

- Tubular basophilia, bilateral, grade 1
- Peritubular fibrosis, bilateral, grade 1
- Acidophilic globules in cortical tubular epithelium, bilateral,
grade 3

This finding corresponds to necropsy observation no: 01.

- Interstitial mononuclear cell aggregation, unilateral, grade 1

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29400 SEX : MALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 26.11.03
DAYS ON TEST : 123
DATE OF NECROPSY : 26.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Interstitial mononuclear cell aggregation, bilateral, grade 1
- Sinusoidal ectasia sometimes with blood extravasation, unilateral, grade 1
- Vacuolated cortical cell, bilateral, grade 2
- Altered cell foci, unilateral, grade 1
- Cystic degeneration, focal, unilateral, grade 1

PROSTATE:

- Epithelial cell atrophy, grade 3
- Interstitial mononuclear cell aggregation, grade 1

TESTIS, RIGHT:

- Tailed spermatids (steps 10-19) present/normal number
- Round spermatids (steps 1-9) present/normal number
- Spermatocytes present/normal number
- Spermatogonia present/normal number
- Different stages of spermatogenic cycle present
- Degenerated/necrotic cells sloughed in lumen, grade 2

EPIDIDYMIS (RIGHT):

- Interstitial mononuclear cell aggregation, grade 2

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29776 SEX : FEMALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 18.11.03
DAYS ON TEST : 119
DATE OF NECROPSY : 18.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

UTERUS:

01: BOTH HORNS: SEROUS CONTENTS.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Accessory adrenal cortex, unilateral
- Cystic degeneration, unilateral, grade 1

OVARIES:

- Proestrus, bilateral

UTERUS:

- Proestrus, with morphology of previous pseudo-pregnancy

This finding corresponds to necropsy observation no: 01.

VAGINA:

- Proestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29777 SEX : FEMALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 07.09.03
DAYS ON TEST : 47
DATE OF NECROPSY : 07.09.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : FOUND DEAD
.....

* NECROPSY FINDINGS

GENERAL OBSERVATION:

01: DIED AFTER TREATMENT.
NO OTHER NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

NO EXAMINATION REQUIRED.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29778 SEX : FEMALE
FIRST DAY ON TEST : 23.07.03
LAST DAY ON TEST : 27.10.03
DAYS ON TEST : 97
DATE OF NECROPSY : 27.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

OVARIES:

-Estrus, bilateral

UTERUS:

poor quality

VAGINA:

-Estrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29779 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 14.11.03
DAYS ON TEST : 114
DATE OF NECROPSY : 14.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Interstitial mononuclear cell aggregation, unilateral, grade 1
- Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

PITUITARY GLAND:

- Developmental cyst(s)

OVARIES:

- Estrus, bilateral

OVIDUCTS:

Organ examined, no pathologic findings noted

UTERUS:

- Estrus

VAGINA:

- Estrus
-

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29780 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 117
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

PITUITARY GLAND:

-Developmental cyst(s)

OVARIES:

-Proestrus, bilateral

OVIDUCTS:

Organ examined, no pathologic findings noted

UTERUS:

-Proestrus

-Dilated lumen, 1/2 horns, grade 1

VAGINA:

-Proestrus, residual mucification/previous pseudo-pregnancy

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29781 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 117
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Accessory adrenal cortex, unilateral
- Interstitial mononuclear cell aggregation, focal, unilateral,
grade 1

OVARIES:

- Proestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

- Proestrus
- Yellowish pigment laden macrophages, 1/2 horns, grade 2

VAGINA:

- Proestrus, residual mucification/previous pseudo-pregnancy

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29782 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 14.11.03
DAYS ON TEST : 114
DATE OF NECROPSY : 14.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Lipomatosis, unilateral, grade 1

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

-Yellowish pigment laden macrophages, 1/2 horns, grade 2

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29783 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 117
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Interstitial mononuclear cell aggregation, focal, unilateral,
grade 1

OVARIES:

-Proestrus, bilateral

UTERUS:

-Proestrus

-Yellowish pigment laden macrophages, 1/2 horns, grade 1

VAGINA:

-Proestrus, residual mucification/previous pseudo-pregnancy

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29784 SEX : FEMALE
FIRST DAY ON TEST : 24.07.03
LAST DAY ON TEST : 14.11.03
DAYS ON TEST : 114
DATE OF NECROPSY : 14.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

PITUITARY GLAND:
-Cyst(s), pars intermedia, grade 1
OVARIES:
-Estrus, bilateral
UTERUS:
-Estrus
-Yellowish pigment laden macrophages, 1/2 horns, grade 1
VAGINA:
-Estrus
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29785 SEX : FEMALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 14.11.03
DAYS ON TEST : 113
DATE OF NECROPSY : 14.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

PALPABLE MASSES:

01: MASS WHITISH, APPROX 1.5 CM LONG, APPROX 1.5 CM WIDE, FIRM,
HOMOGENEOUS.

NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

-Yellowish pigment laden macrophages, both horns, grade 1
with perivascular hyalinosis

VAGINA:

-Diestrus

PALPABLE MASSES:

-Mammary Fibroadenoma (benign neoplasm)

This finding corresponds to necropsy observation no: 01.

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29786 SEX : FEMALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 22.10.03
DAYS ON TEST : 90
DATE OF NECROPSY : 22.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Estrus, bilateral

UTERUS:

poor quality

VAGINA:

-Estrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29787 SEX : FEMALE
FIRST DAY ON TEST : 25.07.03
LAST DAY ON TEST : 22.10.03
DAYS ON TEST : 90
DATE OF NECROPSY : 22.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Interstitial mononuclear cell aggregation, bilateral, grade 1
- Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

- Pregnancy corpora lutea, bilateral

UTERUS:

- Morphology of pregnancy

VAGINA:

- Mucification vaginal epithelium, grade 3

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29788 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 14.11.03
DAYS ON TEST : 112
DATE OF NECROPSY : 14.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

-Yellowish pigment laden macrophages, 1/2 horns, grade 2
1/2 horns missing

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29789 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 115
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

GENERAL OBSERVATION:

01: CLINICAL OBSERVATIONS NOT SEEN AT NECROPSY, NECROSED TAIL.
NO OTHER NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 2

UTERUS:

-Infolding endometrial epithelium, both horns, grade 3

VAGINA:

-Mucification vaginal epithelium, grade 2

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29790 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 115
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

-Yellowish pigment laden macrophages, both horns, grade 2

VAGINA:

-Mucification vaginal epithelium, grade 2

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29791 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 13.11.03
DAYS ON TEST : 111
DATE OF NECROPSY : 13.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

OVARIES:

-Estrus, bilateral

UTERUS:

-Estrus

VAGINA:

-Estrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29792 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 115
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Cortical cell hypertrophy, focal, unilateral, grade 2
- Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 2

OVARIES:

- Diestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

- Diestrus
- Yellowish pigment laden macrophages, 1/2 horns, grade 3
sometimes with hyalinosis

VAGINA:

- Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29793 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 13.11.03
DAYS ON TEST : 111
DATE OF NECROPSY : 13.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Interstitial mononuclear cell aggregation, focal, unilateral, grade 1
- Sinusoidal ectasia sometimes with blood extravasation, unilateral, grade 2

OVARIES:

- Diestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

- Diestrus
- Yellowish pigment laden macrophages, 1/2 horns, grade 2

VAGINA:

- Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29794 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 13.11.03
DAYS ON TEST : 111
DATE OF NECROPSY : 13.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Diestrus, bilateral

UTERUS:

-Diestrus

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29795 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 14.11.03
DAYS ON TEST : 112
DATE OF NECROPSY : 14.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

- Accessory adrenal cortex, unilateral
- Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

- Diestrus, bilateral

UTERUS:

- Diestrus
- Yellowish pigment laden macrophages, 1/2 horns, grade 2

VAGINA:

- Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29796 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 12.11.03
DAYS ON TEST : 110
DATE OF NECROPSY : 12.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
unilateral, grade 1

OVARIES:

-Diestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

-Diestrus

-Yellowish pigment laden macrophages, 1/2 horns, grade 3

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29797 SEX : FEMALE
FIRST DAY ON TEST : 26.07.03
LAST DAY ON TEST : 13.11.03
DAYS ON TEST : 111
DATE OF NECROPSY : 13.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Metestrus, bilateral

UTERUS:

-Metestrus

-Yellowish pigment laden macrophages, 1/2 horns, grade 2
with hyalinosis

VAGINA:

-Metestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29798 SEX : FEMALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 22.10.03
DAYS ON TEST : 88
DATE OF NECROPSY : 22.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Pregnancy corpora lutea, bilateral

UTERUS:

-Morphology of pregnancy

VAGINA:

-Mucification vaginal epithelium, grade 4

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29799 SEX : FEMALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 27.10.03
DAYS ON TEST : 93
DATE OF NECROPSY : 27.10.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : SACRIFICED MORIBUND
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

OVARIES:

-Diestrus, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

-Diestrus

-Yellowish pigment laden macrophages, 1/2 horns, grade 2
with hyalinosis around blood vessels

VAGINA:

-Diestrus

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEXT OF GROSS AND MICROSCOPIC FINDINGS

DOSE GROUP : 4, 1000mg/kg/d.F1

* ANIMAL NUMBER : B29800 SEX : FEMALE
FIRST DAY ON TEST : 27.07.03
LAST DAY ON TEST : 17.11.03
DAYS ON TEST : 114
DATE OF NECROPSY : 17.11.03
DEFINED SACR.GROUP : TERMINAL SACRIFICE GROUP
STATUS AT NECROPSY : TERMINAL SACRIFICE GROUP
.....

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:

-Sinusoidal ectasia sometimes with blood extravasation,
bilateral, grade 1

OVARIES:

-Proestrus, early, bilateral

OVIDUCTS:

Only one of paired organs examined/present

UTERUS:

-Proestrus, early

VAGINA:

-Proestrus, early

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

68. F1 generation - number of primordial and growing follicles counted for each female,
for both ovaries

Individual data - F1 parents
Number of primordial and growing follicles counted
for each female, for both ovaries

Dose: 0 mg/kg/day

Sex: female

Animal No.	Number of primordial follicles	Number of growing follicles
B29701	7	3
B29702	9	5
B29703	4	5
B29704	19	2
B29705	19	1
B29706	41	1
B29707	28	2
B29708	18	2
B29709	14	3
B29710	14	4
B29711	34	4
B29712	20	5
B29713	4	2
B29714	39	6
B29715	15	3
B29716	35	3
B29717	20	1
B29718	27	12
B29719	18	3
B29720	15	3
B29721	13	2
B29722	11	1
B29723	40	8
B29724	19	2
B29725	2	3
Total number	485	86
Mean value	19.40	3.44
Range	2/41	1/12

Individual data - F1 parents
Number of primordial and growing follicles counted
for each female, for both ovaries

Dose: 1000 mg/kg/day

Sex: female

Animal No.	Number of primordial follicles	Number of growing follicles
B29776	12	3
B29778	10	2
B29779	10	2
B29780	2	1
B29781	16	1
B29782	8	3
B29783	18	6
B29784	8	5
B29785	16	2
B29786	51	8
B29787	10	1
B29788	16	1
B29789	9	1
B29790	13	2
B29791	18	1
B29792	35	2
B29793	21	1
B29794	14	1
B29795	21	3
B29796	8	0
B29797	10	0
B29798	21	5
B29799	21	0
B29800	15	1
Total number	383	52
Mean value	15.32	2.08
Range	2/51	0/8

69. Maternal origin of F2 pups/study number of F2 pups after weaning

MATERNAL ORIGIN OF F2 PUPS
STUDY NUMBER OF F2 PUPS AFTER WEANING

Dose-level: 0 mg/kg/day (Group 1)

F1 female number	F2 male		F2 female	
	pup No.	study No.	pup No.	study No.
B29704	1	B29401	6	B29801
	2	B29402	7	B29802
B29718	1	B29403	10	B29803
	2	B29404	12	B29804
B29709	1	B29405	7	B29805
	2	B29406		
B29710	1	B29407	11	B29806
			12	B29807
B29711	1	B29408	11	B29808
			12	B29809
B29708	2	B29409	10	B29810
B29719	1	B29410	8	B29811
B29721	1	B29411	7	B29812
B29722	1	B29412	12	B29813
B29723	1	B29413	8	B29814
B29701	1	B29414	8	B29815
B29702	1	B29415	7	B29816
B29705	1	B29416	8	B29817
B29706	1	B29417	9	B29818
B29713	1	B29418	8	B29819
B29724	1	B29420	6	B29821
B29725	1	B29421	9	B29822
	2	B29419	10	B29820
B29715	1	B29422	8	B29823
	2	B29423	9	B29824
B29717	1	B29424	7	B29825
	2	B29425		

MATERNAL ORIGIN OF F2 PUPS
STUDY NUMBER OF F2 PUPS AFTER WEANING

Dose-level: 250 mg/kg/day (Group 2)

F1 female number	F2 male		F2 female	
	pup No.	study No.	pup No.	study No.
B29729	1	B29426	8	B29826
	2	B29427	9	B29827
B29731	1	B29428	8	B29828
B29736	1	B29429	10	B29829
B29742	1	B29430	5	B29830
B29743	1	B29431	7	B29831
B29748	1	B29432	8	B29832
B29749	1	B29433	6	B29833
B29728	1	B29434	9	B29834
	2	B29435	10	B29835
B29733	1	B29436	6	B29836
	2	B29437	7	B29837
B29740	2	B29438	7	B29838
			8	B29839
B29726	1	B29439	8	B29840
	2	B29440	9	B29841
B29750	1	B29441	11	B29842
	2	B29442	12	B29843
B29735	1	B29443	7	B29844
	2	B29444	8	B29845
B29741	1	B29445	9	B29846
	2	B29446	10	B29847
B29744	1	B29447	8	B29848
	2	B29448		
B29745	1	B29449	8	B29849
B29747	1	B29450	9	B29850

MATERNAL ORIGIN OF F2 PUPS
STUDY NUMBER OF F2 PUPS AFTER WEANING

Dose-level: 500 mg/kg/day (Group 3)

F1 female number	F2 male		F2 female	
	pup No.	study No.	pup No.	study No.
B29766	1	B29451	10	B29851
	2	B29452	11	B29852
B29755	1	B29453	6	B29853
B29760	1	B29454	13	B29854
B29765	1	B29455	5	B29855
B29769	1	B29456	6	B29856
B29772	1	B29457	8	B29857
B29775	1	B29458	7	B29858
B29752	1	B29459	6	B29859
	2	B29460	7	B29860
B29753	1	B29461	6	B29861
	2	B29462	7	B29862
B29768	1	B29463	5	B29863
B29770	1	B29464	10	B29864
B29774	1	B29465	4	B29865
B29751	1	B29466	7	B29866
B29756	1	B29467	9	B29867
B29757	1	B29468	9	B29868
B29758	1	B29469	9	B29869
B29759	1	B29470	8	B29870
B29763	1	B29471	11	B29871
B29764	1	B29472	8	B29872
B29771	1	B29473	8	B29873
B29754	1	B29474	9	B29874
	2	B29475	10	B29875

MATERNAL ORIGIN OF F2 PUPS
STUDY NUMBER OF F2 PUPS AFTER WEANING

Dose-level: 1000 mg/kg/day (Group 4)

F1 female number	F2 male		F2 female	
	pup No.	study No.	pup No.	study No.
B29796	1	B29476	9	B29876
	2	B29477	10	B29877
B29791	1	B29478	7	B29878
	2	B29479	8	B29879
B29793	1	B29480	6	B29880
	2	B29481	7	B29881
B29794	1	B29482	9	B29882
	2	B29483	10	B29883
B29797	1	B29484	6	B29884
	2	B29485	7	B29885
B29779	1	B29486	9	B29886
B29782	1	B29487	10	B29887
B29784	1	B29488	13	B29888
B29785	1	B29489	10	B29889
B29788	1	B29490	9	B29890
B29795	1	B29491	6	B29891
B29780	1	B29492	9	B29892
B29781	1	B29493	9	B29893
B29783	1	B29494	7	B29894
B29789	2	B29495	9	B29895
B29790	1	B29496	8	B29896
B29497	1	B29497	9	B29897
B29800	1	B29498	7	B29898
B29776	1	B29499	5	B29899
	2	B29500	6	B29900

70. F2 generation - clinical history (individual findings/males)

F2 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29401	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29402	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29403	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29404	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29405	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29406	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29407	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTVALISM immediately post-dosing	1 to 20, 25 to end 27 21 to 24
B29408	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29409	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29410	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29411	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29412	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29413	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29414	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end

F2 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29414 (CONTINUED) Mortality	FINAL SACRIFICE	27
B29415 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29416 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29417 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29418 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29419 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29420 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29421 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29422 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29423 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29424 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29425 Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 4, 6 to end 27 5

F2 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29426	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29427	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 14, 26 to end 27 15 to 25
B29428	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29429	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 21, 27 27 22 to 26
B29430	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29431	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29432	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29433	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29434	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 12, 14 to end 27 13
B29435	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29436	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29437	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29438	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end

F2 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29438 (CONTINUED) Mortality	FINAL SACRIFICE	27
B29439 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29440 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29441 Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 15, 27 27 16 to 26
B29442 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29443 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29444 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29445 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29446 Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 22, 27 27 23 to 26
B29447 Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 20, 27 27 21 to 26
B29448 Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 5, 19 to end 27 6 to 18
B29449 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29450 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to 22, 27 27

F2 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29450 (CONTINUED)	Secretion/Excretion PTYALISM immediately post-dosing	23 to 26

F2 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29451	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29452	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29453	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29454	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29455	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29456	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 18, 27 27 19 to 26
B29457	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29458	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29459	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29460	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29461	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29462	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29463	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 21, 27 27 22 to 26

F2 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29464	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29465	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29466	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29467	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 23, 27 27 24 to 26
B29468	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29469	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29470	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29471	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29472	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29473	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 5, 7 to end 27 6
B29474	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29475	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27

F2 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29476	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29477	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 14, 27 27 15 to 26
B29478	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29479	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 18, 22 to end 27 19 to 21
B29480	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29481	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29482	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 13, 27 27 14 to 26
B29483	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 12, 14, 17 to 20, 23 to end 27 13, 15 to 16, 21 to 22
B29484	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29485	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 22, 27 27 23 to 26
B29486	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29487	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to 16, 20 to 24, 27 27

F2 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29487 (CONTINUED)		
Secretion/Excretion	PTYALISM immediately post-dosing	17 to 19, 25 to 26
B29488		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 16, 25 to end
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	17 to 24
B29489		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29490		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29491		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 24, 27
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	25 to 26
B29492		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29493		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 15, 24 to end
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	16 to 23
B29494		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29495		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29496		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 20, 27
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	21 to 26
B29497		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 3, 27
Mortality	FINAL SACRIFICE	27
General aspect	ROUND BACK	4 to 6
	PILORECTION	4 to 6
Secretion/Excretion	PTYALISM immediately post-dosing	24 to 26
Miscellaneous	ABNORMAL GROWTH OF TEETH (cut regulary)	4 to 23
B29498		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 5, 7 to 11, 13 to end

F2 GENERATION

CLINICAL HISTORY (Individual findings/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29498 (CONTINUED)		
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	6, 12
B29499		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 10, 23 to end
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	11 to 22
B29500		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27

71. F2 generation - clinical history (individual findings/females/premating period)

F2 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29801	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29802	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29803	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29804	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29805	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29806	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29807	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29808	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29809	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29810	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29811	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FOUND DEAD (after treatment)	1 to end 25
B29812	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29813	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29814	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end

F2 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 0 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29814 (CONTINUED) Mortality	FINAL SACRIFICE	27
B29815 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29816 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29817 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29818 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29819 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29820 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29821 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29822 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29823 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29824 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29825 Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27

F2 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 250 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29826	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29827	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29828	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29829	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29830	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29831	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29832	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29833	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29834	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29835	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29836	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29837	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29838	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29839	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 24, 27

F2 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 250 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29839 (CONTINUED)		
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	25 to 26
B29840		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29841		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29842		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29843		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 16, 24 to end
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	17 to 23
B29844		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29845		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29846		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29847		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29848		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29849		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29850		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27

F2 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

ANIMAL#		OBSERVATIONS	DAYS OBSERVED
B29851	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29852	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29853	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29854	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29855	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29856	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29857	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29858	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 14, 26 to end 27 15 to 25
B29859	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29860	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29861	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29862	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29863	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 11, 17 to end 27 12 to 16

F2 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29864	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29865	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29866	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29867	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29868	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29869	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29870	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29871	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29872	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29873	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 18, 20 to end 27 19
B29874	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29875	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27

F2 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED	
B29876	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29877	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29878	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29879	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29880	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29881	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29882	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29883	Normal Mortality	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE	1 to end 27
B29884	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 25, 27 27 26
B29885	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 20, 26 to end 27 21 to 25
B29886	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 24, 27 27 25 to 26
B29887	Normal Mortality Secretion/Excretion	NO REMARKABLE CLINICAL OBSERVATIONS FINAL SACRIFICE PTYALISM immediately post-dosing	1 to 24, 27 27 25 to 26
B29888	Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 17, 19 to end

F2 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29888 (CONTINUED)		
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	18
B29889		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29890		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29891		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29892		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 16, 18 to end
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	17
B29893		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 9, 12 to 23, 27
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	10 to 11, 24 to 26
B29894		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29895		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 11, 13 to end
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	12
B29896		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29897		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 23, 27
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	24 to 26
B29898		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 23, 27
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	24 to 26
B29899		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to end
Mortality	FINAL SACRIFICE	27
B29900		
Normal	NO REMARKABLE CLINICAL OBSERVATIONS	1 to 22, 26 to end

F2 GENERATION

CLINICAL HISTORY (Individual findings/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

ANIMAL#	OBSERVATIONS	DAYS OBSERVED
B29900 (CONTINUED)		
Mortality	FINAL SACRIFICE	27
Secretion/Excretion	PTYALISM immediately post-dosing	23 to 26

72. F2 generation - body weights (individual values/grams/males)

F2 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 0 mg/kg/day

Animal No.	Day of STUDY			
	1	8	15	22
B29401	52	92	149	217
B29402	55	96	158	227
B29403	54	86	133	181
B29404	51	85	134	196
B29405	54	89	136	194
B29406	56	95	156	221
B29407	53	92	149	216
B29408	45	77	135	202
B29409	45	83	140	209
B29410	59	101	170	241
B29411	51	84	138	195
B29412	63	99	153	207
B29413	52	89	137	188
B29414	56	95	150	205
B29415	59	105	170	246
B29416	41	76	130	193
B29417	56	95	151	217
B29418	55	96	147	212
B29419	55	95	159	220
B29420	64	104	161	223
B29421	55	93	155	220
B29422	59	98	160	215
B29423	57	97	154	215
B29424	53	94	148	209
B29425	46	88	142	207
MEAN	54	92	148	211
S.D.	5	7	11	15
N	25	25	25	25

F2 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 250 mg/kg/day

Animal No.	Day of STUDY			
	1	8	15	22
B29426	53	86	138	186
B29427	54	90	146	209
B29428	57	97	156	228
B29429	68	115	183	259
B29430	60	96	153	214
B29431	57	97	152	216
B29432	50	86	146	208
B29433	63	104	160	232
B29434	54	87	148	211
B29435	54	88	145	208
B29436	56	97	147	212
B29437	54	93	151	216
B29438	50	85	131	186
B29439	55	93	149	222
B29440	51	82	134	197
B29441	58	95	153	207
B29442	60	95	146	204
B29443	61	94	147	203
B29444	65	104	161	220
B29445	53	91	151	217
B29446	55	94	156	222
B29447	60	101	163	225
B29448	58	102	167	234
B29449	58	94	159	225
B29450	59	101	167	235
MEAN	57	95	152	216
S.D.	5	7	11	16
N	25	25	25	25

F2 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 500 mg/kg/day

Animal No.	Day of STUDY			
	1	8	15	22
B29451	40	68	104	157
B29452	54	84	136	209
B29453	45	80	128	187
B29454	62	105	168	239
B29455	49	92	153	217
B29456	52	85	135	198
B29457	53	89	138	190
B29458	49	84	132	188
B29459	55	96	152	220
B29460	53	93	152	224
B29461	64	110	176	241
B29462	45	83	142	209
B29463	50	87	142	204
B29464	45	83	132	186
B29465	52	89	140	191
B29466	56	97	141	172
B29467	49	83	138	203
B29468	63	98	127	147
B29469	66	115	174	238
B29470	53	89	139	194
B29471	64	105	151	190
B29472	62	98	153	219
B29473	56	91	131	197
B29474	55	98	131	184
B29475	58	101	162	225
MEAN	54	92	143	201
S.D.	7	10	16	24
N	25	25	25	25

F2 GENERATION

BODY WEIGHTS (Individual values/Grams/Males)

MALES Dose: 1000 mg/kg/day

Animal No.	Day of STUDY			
	1	8	15	22
B29476	61	99	157	218
B29477	60	107	166	242
B29478	55	98	154	211
B29479	65	112	174	236
B29480	55	97	163	230
B29481	55	90	146	205
B29482	52	88	143	196
B29483	50	86	136	182
B29484	54	91	146	208
B29485	55	96	147	214
B29486	53	93	151	207
B29487	47	75	110	154
B29488	55	96	153	221
B29489	63	104	169	243
B29490	56	95	162	230
B29491	56	95	152	216
B29492	58	99	160	225
B29493	53	87	142	205
B29494	51	81	132	193
B29495	58	96	163	234
B29496	55	91	142	199
B29497	40	50	93	147
B29498	53	81	136	196
B29499	58	99	164	228
B29500	49	82	128	171
MEAN	55	91	148	208
S.D.	5	12	19	25
N	25	25	25	25

73. F2 generation - body weight change (individual values/grams/males)

F2 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 0 mg/kg/day

ANIMAL#	Day OF STUDY		
	1-8	8-15	15-22
E29401	40	57	68
E29402	40	63	69
E29403	32	46	49
E29404	33	50	62
E29405	34	47	58
E29406	40	60	65
E29407	40	57	66
E29408	32	58	68
E29409	38	57	68
E29410	42	69	71
E29411	33	53	57
E29412	36	54	54
E29413	37	48	52
E29414	38	56	55
E29415	46	65	76
E29416	35	54	64
E29417	39	56	66
E29418	41	51	65
E29419	40	64	62
E29420	40	57	62
E29421	39	61	65
E29422	40	61	55
E29423	40	57	61
E29424	41	54	61
E29425	42	54	65
MEAN	38	56	62
S.D.	3	6	6
N	25	25	25

F2 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 250 mg/kg/day

ANIMAL#	Day OF STUDY		
	1-8	8-15	15-22
B29426	33	52	48
B29427	36	56	64
B29428	41	58	73
B29429	47	69	75
B29430	36	57	61
B29431	40	56	64
B29432	37	60	62
B29433	41	56	72
B29434	34	61	63
B29435	34	57	63
B29436	41	51	65
B29437	39	59	64
B29438	35	46	56
B29439	38	56	73
B29440	32	51	64
B29441	37	59	53
B29442	35	51	58
B29443	33	53	56
B29444	39	57	60
B29445	37	60	66
B29446	38	63	66
B29447	41	62	62
B29448	44	65	68
B29449	36	65	66
B29450	42	66	67
MEAN	38	58	64
S.D.	4	5	6
N	25	25	25

F2 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 500 mg/kg/day

ANIMAL#	Day OF STUDY		
	1-8	8-15	15-22
B29451	28	36	53
B29452	30	51	73
B29453	35	47	59
B29454	43	63	71
B29455	43	61	64
B29456	33	50	62
B29457	36	49	52
B29458	35	48	56
B29459	41	56	69
B29460	40	59	73
B29461	46	66	66
B29462	38	59	67
B29463	38	55	62
B29464	38	50	53
B29465	37	51	51
B29466	41	45	31
B29467	34	56	65
B29468	35	30	19
B29469	48	59	64
B29470	36	50	55
B29471	41	47	39
B29472	36	55	66
B29473	35	40	66
B29474	42	34	53
B29475	44	61	63
MEAN	38	51	58
S.D.	5	9	13
N	25	25	25

F2 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Males)

MALES Dose: 1000 mg/kg/day

ANIMAL#	Day OF STUDY		
	1-8	8-15	15-22
B29476	39	58	61
B29477	47	60	76
B29478	43	56	58
B29479	47	63	61
B29480	42	66	67
B29481	35	56	59
B29482	35	56	53
B29483	35	50	46
B29484	38	55	62
B29485	41	52	66
B29486	41	58	56
B29487	28	35	44
B29488	41	57	68
B29489	41	65	74
B29490	39	67	69
B29491	39	57	64
B29492	41	62	64
B29493	34	55	63
B29494	30	51	61
B29495	38	68	71
B29496	36	51	57
B29497	10	43	54
B29498	28	55	60
B29499	41	65	65
B29500	33	46	43
MEAN	37	56	61
S.D.	8	8	8
N	25	25	25

74. F2 generation - body weights (individual values/females/premating period)

F2 GENERATION

BODY WEIGHTS (Individual values/Grams/Females/Premating period)

FEMALES Dose: 0 mg/kg/day

Animal No.	Day of STUDY			
	1	8	15	22
B29801	57	93	144	194
B29802	54	87	134	176
B29803	52	80	116	151
B29804	48	75	112	142
B29805	50	80	118	148
B29806	53	87	136	179
B29807	57	99	156	205
B29808	48	84	127	165
B29809	46	78	120	158
B29810	43	81	128	165
B29811	56	87	129	171
B29812	56	89	132	159
B29813	57	92	133	170
B29814	51	80	125	157
B29815	50	84	128	166
B29816	53	89	133	161
B29817	40	74	117	151
B29818	52	89	136	177
B29819	52	92	138	168
B29820	57	92	137	179
B29821	63	98	137	169
B29822	57	94	134	162
B29823	57	89	130	166
B29824	52	84	126	153
B29825	50	86	131	164
MEAN	52	86	130	166
S.D.	5	7	10	14
N	25	25	25	25

F2 GENERATION

BODY WEIGHTS (Individual values/Grams/Females/Premating period)

FEMALES Dose: 250 mg/kg/day

Animal No.	Day of STUDY			
	1	8	15	22
B29826	53	87	137	182
B29827	44	74	115	150
B29828	52	85	130	166
B29829	62	100	153	187
B29830	55	92	138	177
B29831	63	102	146	186
B29832	51	85	132	172
B29833	58	92	133	173
B29834	49	81	124	157
B29835	53	85	131	162
B29836	51	82	127	158
B29837	50	85	128	165
B29838	51	82	120	156
B29839	47	77	115	150
B29840	50	81	124	169
B29841	47	77	121	161
B29842	57	88	129	167
B29843	52	87	125	159
B29844	64	90	129	154
B29845	53	83	120	156
B29846	54	88	143	179
B29847	55	91	146	172
B29848	58	94	139	175
B29849	54	82	116	148
B29850	51	83	97	125
MEAN	53	86	129	164
S.D.	5	7	12	14
N	25	25	25	25

F2 GENERATION

BODY WEIGHTS (Individual values/Grams/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

Animal No.	Day of STUDY			
	1	8	15	22
B29851	49	78	116	155
B29852	47	76	113	149
B29853	45	74	115	157
B29854	51	80	116	153
B29855	53	92	140	177
B29856	47	75	113	151
B29857	52	84	121	153
B29858	47	79	121	150
B29859	47	76	105	141
B29860	52	83	124	172
B29861	61	100	146	184
B29862	55	88	131	171
B29863	51	87	129	162
B29864	41	75	111	155
B29865	50	87	127	151
B29866	50	75	114	148
B29867	41	67	101	132
B29868	56	89	127	152
B29869	63	98	146	181
B29870	50	84	126	154
B29871	66	107	149	185
B29872	62	90	134	171
B29873	57	94	151	187
B29874	53	96	145	178
B29875	59	96	149	178
MEAN	52	85	127	162
S.D.	7	10	15	15
N	25	25	25	25

F2 GENERATION

BODY WEIGHTS (Individual values/Grams/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

Animal No.	Day of STUDY			
	1	8	15	22
B29876	53	89	133	158
B29877	55	86	123	150
B29878	56	93	136	167
B29879	58	97	144	177
B29880	55	83	123	150
B29881	57	89	131	168
B29882	46	80	123	156
B29883	49	78	119	150
B29884	51	86	128	167
B29885	55	88	129	156
B29886	53	89	137	178
B29887	47	70	104	145
B29888	47	82	130	176
B29889	55	82	117	147
B29890	49	81	130	166
B29891	51	82	116	142
B29892	57	96	141	178
B29893	51	85	141	179
B29894	52	79	125	163
B29895	56	89	132	171
B29896	46	76	114	139
B29897	44	74	116	154
B29898	52	78	120	155
B29899	53	89	137	166
B29900	49	81	117	139
MEAN	52	84	127	160
S.D.	4	7	10	13
N	25	25	25	25

75. F2 generation - body weight change (individual values/grams/females/premating period)

F2 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Females/Premating period)

FEMALES Dose: 0 mg/kg/day

ANIMAL#	Day OF STUDY		
	1-8	8-15	15-22
E29801	35	52	50
E29802	33	47	42
E29803	27	36	35
E29804	26	37	30
E29805	29	38	30
E29806	35	49	43
E29807	42	57	49
E29808	36	43	38
E29809	32	42	38
E29810	37	48	37
E29811	31	42	42
E29812	33	43	27
E29813	35	41	38
E29814	30	45	32
E29815	34	44	38
E29816	36	44	27
E29817	34	43	34
E29818	37	47	41
E29819	40	47	30
E29820	35	45	42
E29821	35	39	32
E29822	38	40	28
E29823	32	41	35
E29824	32	42	27
E29825	35	45	33
MEAN	34	44	36
S.D.	4	5	6
N	25	25	25

F2 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Females/Premating period)

FEMALES Dose: 250 mg/kg/day

ANIMAL#	Day OF STUDY		
	1-8	8-15	15-22
B29826	34	50	45
B29827	30	41	35
B29828	33	45	35
B29829	38	53	34
B29830	37	46	39
B29831	39	44	40
B29832	33	47	40
B29833	34	41	40
B29834	32	43	32
B29835	32	46	31
B29836	31	45	31
B29837	35	44	37
B29838	31	37	36
B29839	29	38	35
B29840	30	43	45
B29841	30	44	40
B29842	32	41	37
B29843	35	38	35
B29844	26	38	26
B29845	29	37	36
B29846	34	55	37
B29847	36	55	26
B29848	36	44	37
B29849	28	34	32
B29850	33	14	28
MEAN	33	43	36
S.D.	3	8	5
N	25	25	25

F2 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

ANIMAL#	Day OF STUDY		
	1-8	8-15	15-22
B29851	29	39	39
B29852	29	37	36
B29853	29	42	41
B29854	29	36	37
B29855	38	49	37
B29856	29	37	38
B29857	31	37	32
B29858	31	43	29
B29859	29	29	36
B29860	32	40	48
B29861	40	45	38
B29862	34	43	40
B29863	36	42	34
B29864	33	36	45
B29865	37	40	25
B29866	25	39	35
B29867	26	34	32
B29868	33	38	25
B29869	35	48	35
B29870	34	42	28
B29871	41	42	36
B29872	28	44	37
B29873	37	57	36
B29874	43	49	33
B29875	37	53	30
MEAN	33	42	35
S.D.	5	6	6
N	25	25	25

F2 GENERATION

BODY WEIGHT CHANGE (Individual values/Grams/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

ANIMAL#	Day OF STUDY		
	1-8	8-15	15-22
B29876	36	44	25
B29877	31	38	26
B29878	36	44	31
B29879	39	48	33
B29880	28	40	28
B29881	32	43	37
B29882	34	44	32
B29883	30	41	31
B29884	35	42	39
B29885	33	41	28
B29886	36	48	41
B29887	23	34	41
B29888	35	48	46
B29889	27	35	30
B29890	33	49	36
B29891	30	34	26
B29892	39	45	37
B29893	34	56	39
B29894	27	46	38
B29895	33	44	39
B29896	30	38	25
B29897	30	42	38
B29898	26	42	34
B29899	37	47	29
B29900	32	36	22
MEAN	32	43	33
S.D.	4	5	6
N	25	25	25

76. F2 generation - food consumption (individual values/grams per day/males)

F2 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Males)

MALES Dose: 0 mg/kg/day

Animal No.	Day of Study		
	1-8	8-15	15-22
B29401	12	19	27
B29402	15	21	28
B29403	14	17	20
B29404	13	17	22
B29405	15	16	22
B29406	15	20	25
B29407	16	17	24
B29408	14	17	25
B29409	13	18	24
B29410	15	21	29
B29411	13	16	22
B29412	15	17	23
B29413	14	18	23
B29414	7	18	22
B29415	9	23	29
B29416	11	17	24
B29417	15	19	26
B29418	16	18	24
B29419	15	20	25
B29420	16	20	26
B29421	14	21	26
B29422	14	19	25
B29423	14	18	25
B29424	15	18	24
B29425	15	19	26
MEAN	14	19	25
S.D.	2	2	2
N	25	25	25

F2 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Males)

MALES Dose: 250 mg/kg/day

Animal No.	Day of Study		
	1-8	8-15	15-22
B29426	14	19	22
B29427	15	19	24
B29428	16	20	26
B29429	18	23	28
B29430	19	16	25
B29431	14	19	24
B29432	16	19	24
B29433	16	20	26
B29434	29	15	26
B29435	22	23	27
B29436	16	19	25
B29437	19	20	26
B29438	13	15	20
B29439	15	19	25
B29440	13	16	23
B29441	13	19	24
B29442	13	17	23
B29443	15	17	23
B29444	16	19	24
B29445	16	19	26
B29446	14	19	25
B29447	15	20	26
B29448	16	21	28
B29449	14	19	27
B29450	15	20	27
MEAN	16	19	25
S.D.	3	2	2
N	25	25	25

F2 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Males)

MALES Dose: 500 mg/kg/day

Animal No.	Day of Study		
	1-8	8-15	15-22
B29451	12	15	19
B29452	13	17	25
B29453	13	16	22
B29454	17	21	26
B29455	15	20	26
B29456	13	16	22
B29457	14	18	21
B29458	15	17	22
B29459	16	17	26
B29460	16	19	27
B29461	17	21	27
B29462	15	19	25
B29463	15	18	24
B29464	13	16	22
B29465	16	18	23
B29466	14	19	14
B29467	13	17	24
B29468	15	17	12
B29469	18	23	24
B29470	14	17	22
B29471	15	21	17
B29472	15	18	25
B29473	15	18	22
B29474	14	18	17
B29475	16	20	25
MEAN	15	18	22
S.D.	1	2	4
N	25	25	25

F2 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Males)

MALES Dose: 1000 mg/kg/day

Animal No.	Day of Study		
	1-8	8-15	15-22
B29476	14	19	24
B29477	17	22	29
B29478	15	19	24
B29479	17	22	26
B29480	17	22	27
B29481	15	19	25
B29482	15	18	22
B29483	14	17	20
B29484	15	18	24
B29485	15	20	25
B29486	18	19	25
B29487	12	13	18
B29488	15	19	27
B29489	17	21	28
B29490	16	21	30
B29491	16	19	26
B29492	16	20	25
B29493	14	18	25
B29494	13	16	24
B29495	16	20	28
B29496	13	17	22
B29497	6	14	19
B29498	12	18	23
B29499	14	21	27
B29500	13	16	22
MEAN	15	19	25
S.D.	2	2	3
N	25	25	25

77. F2 generation - food consumption
(individual values/grams per day/females/premating period)

F2 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Females/Premating period)

FEMALES Dose: 0 mg/kg/day

Animal No.	Day of Study		
	1-8	8-15	15-22
B29801	14	15	22
B29802	12	17	20
B29803	12	15	17
B29804	12	15	17
B29805	11	15	17
B29806	13	17	20
B29807	15	21	23
B29808	13	17	19
B29809	13	18	19
B29810	14	17	20
B29811	13	16	19
B29812	13	16	17
B29813	15	17	19
B29814	13	16	18
B29815	14	15	19
B29816	12	17	19
B29817	12	16	19
B29818	14	19	20
B29819	14	18	20
B29820	13	17	20
B29821	15	18	19
B29822	15	16	18
B29823	13	16	20
B29824	13	15	18
B29825	15	17	20
MEAN	13	17	19
S.D.	1	1	2
N	25	25	25

F2 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Females/Premating period)

FEMALES Dose: 250 mg/kg/day

Animal No.	Day of Study		
	1-8	8-15	15-22
B29826	14	20	22
B29827	12	16	19
B29828	15	17	18
B29829	25	18	20
B29830	16	18	21
B29831	15	17	20
B29832	12	17	20
B29833	14	16	18
B29834	13	17	20
B29835	14	17	19
B29836	13	16	19
B29837	13	16	19
B29838	13	14	18
B29839	13	14	17
B29840	13	15	20
B29841	12	15	19
B29842	13	17	18
B29843	14	16	19
B29844	13	15	17
B29845	15	14	17
B29846	14	19	22
B29847	15	19	21
B29848	13	17	20
B29849	14	15	16
B29850	14	14	13
MEAN	14	16	19
S.D.	2	2	2
N	25	25	25

F2 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Females/Premating period)

FEMALES Dose: 500 mg/kg/day

Animal No.	Day of Study		
	1-8	8-15	15-22
B29851	11	16	18
B29852	11	15	17
B29853	13	15	17
B29854	12	15	16
B29855	15	19	21
B29856	12	15	17
B29857	13	15	17
B29858	14	17	19
B29859	12	14	17
B29860	14	15	19
B29861	17	18	21
B29862	14	17	22
B29863	14	17	19
B29864	14	14	18
B29865	15	17	18
B29866	11	14	18
B29867	11	14	15
B29868	13	15	17
B29869	15	17	20
B29870	13	16	18
B29871	14	18	19
B29872	12	16	20
B29873	15	19	23
B29874	16	19	20
B29875	15	19	21
MEAN	13	16	19
S.D.	2	2	2
N	25	25	25

F2 GENERATION

FOOD CONSUMPTION (Individual values/Grams per day/Females/Premating period)

FEMALES Dose: 1000 mg/kg/day

Animal No.	Day of Study		
	1-8	8-15	15-22
B29876	15	18	19
B29877	13	16	18
B29878	14	17	18
B29879	15	18	19
B29880	13	15	17
B29881	14	16	19
B29882	14	16	18
B29883	13	15	17
B29884	10	18	20
B29885	14	17	18
B29886	16	19	22
B29887	12	14	17
B29888	14	17	23
B29889	13	15	17
B29890	15	18	22
B29891	15	15	17
B29892	14	18	21
B29893	13	18	22
B29894	12	16	19
B29895	14	17	20
B29896	19	15	16
B29897	11	15	20
B29898	13	15	18
B29899	13	17	19
B29900	13	16	17
MEAN	14	16	19
S.D.	2	1	2
N	25	25	25

78. F2 generation - sexual development

78.1. F2 generation - cleavage of the balanopreputial gland

F 2 GENERATION
CLEAVAGE OF THE BALANOPREPUTIAL GLAND
(observation between day 32 and day 47 old)

Sex: male

Dose-level: 0 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (g)
B29401	40	194.6
B29402	41	211.7
B29403	37	138.5
B29404	35	127.9
B29405	38	150.2
B29406	34	136.1
B29407	36	148.1
B29408	38	157.2
B29409	37	149.9
B29410	35	156.3
B29411	33	110.3
B29412	35	141.1
B29413	37	146.1
B29414	36	151.3
B29415	36	171.4
B29416	36	130.3
B29417	34	130.9
B29418	35	141.0
B29419	36	159.6
B29420	36	161.7
B29421	36	155.0
B29422	33	131.3
B29423	34	134.2
B29424	35	138.5
B29425	35	133.8
n	25	25
Mean age of appearance	36	
Mean body weight		148.3
SD	2	21.5

F 2 GENERATION
CLEAVAGE OF THE BALANOPREPUTIAL GLAND
(observation between day 32 and day 47 old)

Sex: male

Dose-level: 250 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (g)
B29426	36	140.0
B29427	35	137.1
B29428	35	146.9
B29429	34	164.7
B29430	34	132.9
B29431	34	134.5
B29432	35	134.5
B29433	36	162.1
B29434	33	120.0
B29435	35	134.8
B29436	37	157.7
B29437	33	125.5
B29438	37	138.1
B29439	36	149.3
B29440	36	134.4
B29441	34	133.5
B29442	36	146.0
B29443	33	125.4
B29444	33	134.4
B29445	34	134.0
B29446	34	133.2
B29447	34	141.5
B29448	33	137.1
B29449	35	146.9
B29450	35	156.4
n	25	25
Mean age of appearance	35	
Mean body weight		140.0
SD	1	11.0

F 2 GENERATION
CLEAVAGE OF THE BALANOPREPUTIAL GLAND
(observation between day 32 and day 47 old)

Sex: male

Dose-level: 500 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (g)
B29451	41	140.3
B29452	37	146.7
B29453	36	129.3
B29454	34	147.6
B29455	35	142.1
B29456	36	133.5
B29457	36	137.2
B29458	35	124.8
B29459	35	138.6
B29460	33	123.9
B29461	36	174.9
B29462	37	154.8
B29463	34	124.4
B29464	37	139.1
B29465	37	148.5
B29466	32	120.1
B29467	34	120.2
B29468	33	124.2
B29469	34	160.3
B29470	38	156.3
B29471	36	153.6
B29472	35	143.8
B29473	36	132.0
B29474	35	138.5
B29475	34	140.5
n	25	25
Mean age of appearance	35	
Mean body weight		139.8
SD	2	14.0

F 2 GENERATION
CLEAVAGE OF THE BALANOPREPUTIAL GLAND
(observation between day 32 and day 47 old)

Sex: male

Dose-level: 1000 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (g)
B29476	36	157.3
B29477	36	165.0
B29478	34	136.6
B29479	35	163.6
B29480	35	152.5
B29481	37	153.7
B29482	38	156.7
B29483	34	119.2
B29484	35	136.2
B29485	36	150.8
B29486	33	123.7
B29487	40	137.1
B29488	38	179.4
B29489	35	157.8
B29490	34	139.8
B29491	38	176.2
B29492	34	139.1
B29493	39	164.4
B29494	37	142.8
B29495	34	140.9
B29496	34	123.9
B29497	45	162.9
B29498	36	134.6
B29499	35	153.1
B29500	36	130.4
n	25	25
Mean age of appearance	36	
Mean body weight		147.9
SD	3	16.1

78.2. F2 generation - vaginal opening

**F 2 GENERATION
VAGINAL OPENING
(observation between day 28 and day 40 old)**

Sex: female

Dose-level: 0 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (g)
B29801	36	142.5
B29802	35	128.5
B29803	35	111.1
B29804	46	149.8
B29805	34	103.0
B29806	36	136.8
B29807	37	165.1
B29808	37	136.3
B29809	31	88.2
B29810	34	114.4
B29811	35	124.5
B29812	31	99.5
B29813	39	152.2
B29814	34	112.3
B29815	35	128.0
B29816	39	147.2
B29817	39	137.0
B29818	32	111.3
B29819	35	133.8
B29820	33	117.2
B29821	34	126.5
B29822	30	100.8
B29823	32	105.2
B29824	34	111.8
B29825	34	120.5
n	25	25
Mean age of appearance	35	
Mean body weight		124.1
SD	3	19.4

**F 2 GENERATION
VAGINAL OPENING
(observation between day 28 and day 40 old)**

Sex: female

Dose-level: 250 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (g)
B29826	34	127.2
B29827	33	97.0
B29828	36	132.8
B29829	37	159.1
B29830	37	145.2
B29831	33	124.9
B29832	33	113.3
B29833	32	110.9
B29834	32	100.3
B29835	34	118.1
B29836	36	127.0
B29837	31	97.1
B29838	31	94.7
B29839	36	113.0
B29840	36	125.4
B29841	36	121.5
B29842	31	101.2
B29843	32	105.0
B29844	33	112.5
B29845	36	121.6
B29846	37	149.1
B29847	34	129.4
B29848	36	140.6
B29849	34	113.1
B29850	31	93.9
n	25	25
Mean age of appearance	34	
Mean body weight		119.0
SD	2	17.2

F 2 GENERATION
VAGINAL OPENING
(observation between day 28 and day 40 old)

Sex: female

Dose-level:500 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (g)
B29851	33	97.5
B29852	34	101.2
B29853	33	96.5
B29854	44	157.4
B29855	32	111.1
B29856	38	127.7
B29857	39	137.2
B29858	39	137.5
B29859	31	85.5
B29860	31	94.2
B29861	31	112.8
B29862	33	114.1
B29863	34	113.8
B29864	35	108.5
B29865	36	127.6
B29866	37	119.5
B29867	34	89.9
B29868	30	94.2
B29869	33	126.1
B29870	30	90.1
B29871	30	110.7
B29872	34	118.6
B29873	33	123.5
B29874	29	95.0
B29875	31	114.4
n	25	25
Mean age of appearance	34	
Mean body weight		112.2
SD	4	18.0

**F 2 GENERATION
VAGINAL OPENING
(observation between day 28 and day 40 old)**

Sex: female

Dose-level: 1000 mg/kg/day

Animal No.	Age of animals (days)	Body weight on positive day (g)
B29876	29	88.7
B29877	33	107.3
B29878	32	110.3
B29879	30	105.0
B29880	34	110.7
B29881	34	118.3
B29882	30	86.9
B29883	32	96.6
B29884	32	103.8
B29885	32	107.2
B29886	32	109.4
B29887	34	93.2
B29888	38	149.2
B29889	33	103.4
B29890	34	116.4
B29891	32	96.2
B29892	32	115.6
B29893	33	113.5
B29894	35	126.4
B29895	34	120.8
B29896	32	93.0
B29897	36	121.0
B29898	35	112.3
B29899	34	122.5
B29900	36	119.5
n	25	25
Mean age of appearance	33	
Mean body weight		109.9
SD	2	13.8

79. F2 generation - individual necropsy observations

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 0 mg/kg/day

MALE#	ORGAN	OBSERVATION
E29401		NO GROSS NECROPSY FINDINGS
E29402		NO GROSS NECROPSY FINDINGS
E29403		NO GROSS NECROPSY FINDINGS
E29404		NO GROSS NECROPSY FINDINGS
E29405	KIDNEY	KIDNEY: DILATED PELVIS RIGHT
E29406		NO GROSS NECROPSY FINDINGS
E29407		NO GROSS NECROPSY FINDINGS
E29408		NO GROSS NECROPSY FINDINGS
E29409		NO GROSS NECROPSY FINDINGS
E29410		NO GROSS NECROPSY FINDINGS
E29411		NO GROSS NECROPSY FINDINGS
E29412		NO GROSS NECROPSY FINDINGS
E29413		NO GROSS NECROPSY FINDINGS
E29414		NO GROSS NECROPSY FINDINGS
E29415		NO GROSS NECROPSY FINDINGS
E29416		NO GROSS NECROPSY FINDINGS
E29417		NO GROSS NECROPSY FINDINGS
E29418		NO GROSS NECROPSY FINDINGS

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 0 mg/kg/day

MALE#	ORGAN	OBSERVATION
B29419		NO GROSS NECROPSY FINDINGS
B29420		NO GROSS NECROPSY FINDINGS
B29421		NO GROSS NECROPSY FINDINGS
B29422		NO GROSS NECROPSY FINDINGS
B29423		NO GROSS NECROPSY FINDINGS
B29424		NO GROSS NECROPSY FINDINGS
B29425		NO GROSS NECROPSY FINDINGS

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 250 mg/kg/day

MALE#	ORGAN	OBSERVATION
B29426		NO GROSS NECROPSY FINDINGS
B29427		NO GROSS NECROPSY FINDINGS
B29428		NO GROSS NECROPSY FINDINGS
B29429		NO GROSS NECROPSY FINDINGS
B29430		NO GROSS NECROPSY FINDINGS
B29431		NO GROSS NECROPSY FINDINGS
B29432		NO GROSS NECROPSY FINDINGS
B29433		NO GROSS NECROPSY FINDINGS
B29434		NO GROSS NECROPSY FINDINGS
B29435		NO GROSS NECROPSY FINDINGS
B29436		NO GROSS NECROPSY FINDINGS
B29437		NO GROSS NECROPSY FINDINGS
B29438		NO GROSS NECROPSY FINDINGS
B29439		NO GROSS NECROPSY FINDINGS
B29440		NO GROSS NECROPSY FINDINGS
B29441		NO GROSS NECROPSY FINDINGS
B29442		NO GROSS NECROPSY FINDINGS
B29443		NO GROSS NECROPSY FINDINGS
B29444		NO GROSS NECROPSY FINDINGS

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 250 mg/kg/day

MALE#	ORGAN	OBSERVATION
B29445	KIDNEY	KIDNEY: DILATED PELVIS RIGHT
B29446	KIDNEY	KIDNEY: DILATED PELVIS RIGHT
B29447		NO GROSS NECROPSY FINDINGS
B29448	INTESTINES	INTESTINES: DISTENDED WITH GAS Colon
B29449		NO GROSS NECROPSY FINDINGS
B29450		NO GROSS NECROPSY FINDINGS

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 500 mg/kg/day

MALE#	ORGAN	OBSERVATION
B29451		NO GROSS NECROPSY FINDINGS
B29452		NO GROSS NECROPSY FINDINGS
B29453		NO GROSS NECROPSY FINDINGS
B29454		NO GROSS NECROPSY FINDINGS
B29455		NO GROSS NECROPSY FINDINGS
B29456		NO GROSS NECROPSY FINDINGS
B29457	KIDNEY	KIDNEY: DILATED PELVIS RIGHT
B29458		NO GROSS NECROPSY FINDINGS
B29459		NO GROSS NECROPSY FINDINGS
B29460		NO GROSS NECROPSY FINDINGS
B29461		NO GROSS NECROPSY FINDINGS
B29462		NO GROSS NECROPSY FINDINGS
B29463		NO GROSS NECROPSY FINDINGS
B29464		NO GROSS NECROPSY FINDINGS
B29465		NO GROSS NECROPSY FINDINGS
B29466		NO GROSS NECROPSY FINDINGS
B29467		NO GROSS NECROPSY FINDINGS
B29468	KIDNEY	KIDNEY: DILATED PELVIS RIGHT

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 500 mg/kg/day

MALE#	ORGAN	OBSERVATION
B29469		NO GROSS NECROPSY FINDINGS
B29470		NO GROSS NECROPSY FINDINGS
B29471		NO GROSS NECROPSY FINDINGS
B29472		NO GROSS NECROPSY FINDINGS
B29473		NO GROSS NECROPSY FINDINGS
B29474		NO GROSS NECROPSY FINDINGS
B29475		NO GROSS NECROPSY FINDINGS

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 1000 mg/kg/day

MALE#	ORGAN	OBSERVATION
B29476		NO GROSS NECROPSY FINDINGS
B29477		NO GROSS NECROPSY FINDINGS
B29478		NO GROSS NECROPSY FINDINGS
B29479	KIDNEY	KIDNEY: DILATED PELVIS RIGHT
B29480		NO GROSS NECROPSY FINDINGS
B29481		NO GROSS NECROPSY FINDINGS
B29482		NO GROSS NECROPSY FINDINGS
B29483		NO GROSS NECROPSY FINDINGS
B29484		NO GROSS NECROPSY FINDINGS
B29485		NO GROSS NECROPSY FINDINGS
B29486		NO GROSS NECROPSY FINDINGS
B29487		NO GROSS NECROPSY FINDINGS
B29488		NO GROSS NECROPSY FINDINGS
B29489		NO GROSS NECROPSY FINDINGS
B29490		NO GROSS NECROPSY FINDINGS
B29491		NO GROSS NECROPSY FINDINGS
B29492		NO GROSS NECROPSY FINDINGS
B29493		NO GROSS NECROPSY FINDINGS

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 1000 mg/kg/day

MALE#	ORGAN	OBSERVATION
B29494		NO GROSS NECROPSY FINDINGS
B29495		NO GROSS NECROPSY FINDINGS
B29496		NO GROSS NECROPSY FINDINGS
B29497		NO GROSS NECROPSY FINDINGS
B29498		NO GROSS NECROPSY FINDINGS
B29499		NO GROSS NECROPSY FINDINGS
B29500		NO GROSS NECROPSY FINDINGS

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 0 mg/kg/day

FEMALE#	ORGAN	OBSERVATION
B29801		NO GROSS NECROPSY FINDINGS
B29802		NO GROSS NECROPSY FINDINGS
B29803		NO GROSS NECROPSY FINDINGS
B29804		NO GROSS NECROPSY FINDINGS
B29805		NO GROSS NECROPSY FINDINGS
B29806		NO GROSS NECROPSY FINDINGS
B29807		NO GROSS NECROPSY FINDINGS
B29808		NO GROSS NECROPSY FINDINGS
B29809	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL
B29810		NO GROSS NECROPSY FINDINGS
B29811	TRACHEA LUNGS LUNGS	TRACHEA: FOAMY CONTENTS LUNG: FOAMY CONTENTS LUNG: REDDISH COLOR
B29812		NO GROSS NECROPSY FINDINGS
B29813		NO GROSS NECROPSY FINDINGS
B29814		NO GROSS NECROPSY FINDINGS
B29815	UTERUS UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL UTERUS: DILATATION OF UTERINE HORN BILATERAL
B29816		NO GROSS NECROPSY FINDINGS

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 0 mg/kg/day

FEMALE#	ORGAN	OBSERVATION
B29817		NO GROSS NECROPSY FINDINGS
B29818		NO GROSS NECROPSY FINDINGS
B29819		NO GROSS NECROPSY FINDINGS
B29820		NO GROSS NECROPSY FINDINGS
B29821		NO GROSS NECROPSY FINDINGS
B29822		NO GROSS NECROPSY FINDINGS
B29823		NO GROSS NECROPSY FINDINGS
B29824		NO GROSS NECROPSY FINDINGS
B29825	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL
	UTERUS	UTERUS: DILATATION OF UTERINE HORN BILATERAL

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 250 mg/kg/day

FEMALE#	ORGAN	OBSERVATION
B29826		NO GROSS NECROPSY FINDINGS
B29827		NO GROSS NECROPSY FINDINGS
B29828		NO GROSS NECROPSY FINDINGS
B29829		NO GROSS NECROPSY FINDINGS
B29830		NO GROSS NECROPSY FINDINGS
B29831	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL
B29832		NO GROSS NECROPSY FINDINGS
B29833		NO GROSS NECROPSY FINDINGS
B29834		NO GROSS NECROPSY FINDINGS
B29835		NO GROSS NECROPSY FINDINGS
B29836		NO GROSS NECROPSY FINDINGS
B29837		NO GROSS NECROPSY FINDINGS
B29838		NO GROSS NECROPSY FINDINGS
B29839		NO GROSS NECROPSY FINDINGS
B29840		NO GROSS NECROPSY FINDINGS
B29841		NO GROSS NECROPSY FINDINGS
B29842		NO GROSS NECROPSY FINDINGS
B29843		NO GROSS NECROPSY FINDINGS

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 250 mg/kg/day

FEMALE#	ORGAN	OBSERVATION
B29844		NO GROSS NECROPSY FINDINGS
B29845		NO GROSS NECROPSY FINDINGS
B29846		NO GROSS NECROPSY FINDINGS
B29847		NO GROSS NECROPSY FINDINGS
B29848		NO GROSS NECROPSY FINDINGS
B29849		NO GROSS NECROPSY FINDINGS
B29850	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 500 mg/kg/day

FEMALE#	ORGAN	OBSERVATION
B29851		NO GROSS NECROPSY FINDINGS
B29852		NO GROSS NECROPSY FINDINGS
B29853		NO GROSS NECROPSY FINDINGS
B29854	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL
B29855		NO GROSS NECROPSY FINDINGS
B29856		NO GROSS NECROPSY FINDINGS
B29857	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL
B29858		NO GROSS NECROPSY FINDINGS
B29859		NO GROSS NECROPSY FINDINGS
B29860		NO GROSS NECROPSY FINDINGS
B29861		NO GROSS NECROPSY FINDINGS
B29862		NO GROSS NECROPSY FINDINGS
B29863		NO GROSS NECROPSY FINDINGS
B29864		NO GROSS NECROPSY FINDINGS
B29865		NO GROSS NECROPSY FINDINGS
B29866		NO GROSS NECROPSY FINDINGS
B29867	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 500 mg/kg/day

FEMALE#	ORGAN	OBSERVATION
B29868		NO GROSS NECROPSY FINDINGS
B29869		NO GROSS NECROPSY FINDINGS
B29870		NO GROSS NECROPSY FINDINGS
B29871	LIVER	LIVER: BROWNISH NODULE(S) Papillary processus
	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL
B29872		NO GROSS NECROPSY FINDINGS
B29873	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL
B29874		NO GROSS NECROPSY FINDINGS
B29875		NO GROSS NECROPSY FINDINGS

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 1000 mg/kg/day

FEMALE#	ORGAN	OBSERVATION
B29876		NO GROSS NECROPSY FINDINGS
B29877		NO GROSS NECROPSY FINDINGS
B29878		NO GROSS NECROPSY FINDINGS
B29879		NO GROSS NECROPSY FINDINGS
B29880		NO GROSS NECROPSY FINDINGS
B29881		NO GROSS NECROPSY FINDINGS
B29882		NO GROSS NECROPSY FINDINGS
B29883		NO GROSS NECROPSY FINDINGS
B29884		NO GROSS NECROPSY FINDINGS
B29885		NO GROSS NECROPSY FINDINGS
B29886	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL
B29887		NO GROSS NECROPSY FINDINGS
B29888		NO GROSS NECROPSY FINDINGS
B29889		NO GROSS NECROPSY FINDINGS
B29890		NO GROSS NECROPSY FINDINGS
B29891		NO GROSS NECROPSY FINDINGS
B29892		NO GROSS NECROPSY FINDINGS
B29893		NO GROSS NECROPSY FINDINGS

F2 GENERATION
INDIVIDUAL NECROPSY OBSERVATIONS

Dose: 1000 mg/kg/day

FEMALE#	ORGAN	OBSERVATION
B29894		NO GROSS NECROPSY FINDINGS
B29895		NO GROSS NECROPSY FINDINGS
B29896		NO GROSS NECROPSY FINDINGS
B29897		NO GROSS NECROPSY FINDINGS
B29898		NO GROSS NECROPSY FINDINGS
B29899	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL
B29900	UTERUS	UTERUS: SEROUS CONTENTS IN UTERINE HORN BILATERAL

80. Study plan and amendments



ETHYL TERTIARY BUTYL ETHER (ETBE)
TWO-GENERATION STUDY
(REPRODUCTION AND FERTILITY EFFECTS)
BY THE ORAL ROUTE (GAVAGE) IN RATS

Test facility : CIT
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Study Number : 24859 RSR

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1. INTRODUCTION

1.1 Objective

The objective of this study is provide general information concerning the effects of the test item, ETHYL TERTIARY BUTYL ETHER (ETBE), on the integrity and performance of the male and female reproductive systems, including gonadal function, the estrous cycle, mating behavior, conception, gestation, parturition, lactation and weaning, and on the growth and development of the offspring.

1.2 Regulatory compliance

This study plan has been designed to comply with:

- OECD Guideline No. 416, 22nd January 2001,
- US EPA Guideline OPPTS 870.3800, August 1998,
- EC Commission Directive 87/302/EEC of Nov. 18, 1987.

The study will be conducted in compliance with the following Good Laboratory Practice regulations:

- OECD Principles on Good Laboratory Practice (as revised in 1997), ENV/MC/CHEM (98) 17,
- Commission Directive 1999/11/EC of 8 March 1999 adapting to technical progress the Principles of Good Laboratory Practice as specified in Council Directive 87/18/EEC on the harmonization of laws, regulations and administrative provisions relating to the application of the Principles of Good Laboratory Practice and the verification of their applications for tests on chemical substances (OJ No. L 77 of 23.3.1999),
- Décret N° 98-1312 du 31 décembre 1998 concernant les Bonnes Pratiques de Laboratoire (Journal Officiel du 1er janvier 1999), Ministère de l'Economie, des Finances et de l'Industrie,
- US Environmental Protection Agency, Federal Register, 40 CFR Part 792 ; Toxic Substances Control Act; Good Laboratory Practice Standards, August 17, 1989 (and subsequent amendments),
- Japanese Ministry of International Trade and Industry, Good Laboratory Practice Standards, Basic Industries Bureau, KanHogyo No. 39, March 31, 1984,
- Japanese Ministry of Health and Welfare, Good Laboratory Practice Standards, Pharmaceutical Affairs Bureau, YakuHatsu No. 229 and Environmental Agency, 59 KiKyoku No. 85, March 31, 1984.

The study will be conducted in compliance with Animal Health regulation, in particular:

- Council Directive No. 86/609/EEC of 24th November 1986 on the harmonization of laws, regulations or administrative provisions relating to the protection of animals used for experimental or other scientific purposes.

2. TEST AND CONTROL ITEMS

2.1 Identification

2.1.1 Test item

Name: ETHYL TERTIARY BUTYL ETHER (ETBE)

Synonyms: Ethyl-tert-Butyl Ether, ETBE, 2-ethoxy-2-methylpropane

CAS No.: 637-92-3

Batch No.: S02-08-159-I3 and S02-08-159-I3/2

Supplier: SEPAREX, Champigneulle, France

Description: colorless liquid

Purity: >98%

Impurities: ...(1)...

Storage conditions: at room temperature, in well-closed containers (flammable) in the dark

Expiry date: ...(1)...

Intended use: oxygenate additive for automotive fuels

Purity, composition, stability and expiry date which refer to the batch(es) to be used and handling conditions will be indicated in the test item data sheet (to be completed by the Sponsor). An analytical certificate will also be provided by the Sponsor.

Confirmation of identity of the test item is the responsibility of the Sponsor.

2.1.2 Vehicle

Name: corn oil (Sigma, Saint-Quentin-Fallavier, France)

Batch No.: will be documented in the raw data and specified in the study report

2.2 Dosage form preparation

The test item will be administered as a solution in the vehicle. The test item dosage forms will be prepared by the CIT Pharmacy once a week according to the demonstrated stability results obtained in a previous study: (*CIT/Study No. 24168 RSR*) and will be stored at room temperature (in a well closed bottle) in the dark prior to use. Each batch for each treatment level will be sub-divided into a suitable number of aliquots so that one bottle per dose per day will be opened for dosing, and the remainder discarded (after sampling, if necessary: see § 2.3 Chemical analysis of the dosage forms).

2.3 Chemical analysis of the dosage forms

2.3.1 Homogeneity

Before treatment, homogeneity of the dosing preparation will be confirmed at the lowest and highest concentrations prepared for use.

Duplicate samples will be taken from three levels (top, middle and bottom) with administration device to be used in the study, and analyzed for concentration of the test item.

2.3.2 Concentration

During the treatment period, a check of the concentrations will be performed on solutions of each control and test item dosage form prepared for use in weeks 1 and 2, and thereafter at 4 weekly intervals. All analyses will be performed by CIT, after using a method provided by the Sponsor. Aliquots will be taken from the remaining batches and stored frozen (-18°C) for possible future analysis.

(1) Will be specified by a study plan amendment.

3. TEST SYSTEM

3.1 Animals (F0 females)

Number: 200 rats (100 males and 100 females), designated F0 animals.

Strain and Sanitary status: Sprague-Dawley, CrI CD[®] (SD) IGS BR, Caesarian Obtained, Barrier Sustained-Virus Antibody Free (COBS-VAF[®]).

Reason for selection of species: the rat is a rodent species commonly accepted by regulatory authorities for this type of study and background data from previous studies is available at our laboratory.

Breeder: Charles River Laboratories France, l'Arbresle, France.

Age: at the beginning of the treatment period, the animals will be approximately 5 to 6 weeks old.

Acclimation: the animals will be acclimated for a period of at least 5 days before the beginning of the treatment period.

Allocation to groups: during the acclimation period, the required number of animals will be selected according to body weight and clinical condition and allocated to groups (by sex), according to a computerized stratification procedure, so that the average body weight of each group is similar.

Identification: the animals are individually identified by an ear tattoo (unique CIT identity number).

3.2 Environmental conditions

From arrival at CIT, the animals will be housed in a barriered rodent unit, under specific pathogen free (SPF) standard laboratory conditions.

The animal room conditions will be set as follows:

- temperature : $22 \pm 2^{\circ}\text{C}$,
- relative humidity : $50 \pm 20\%$,
- light/dark cycle : 12 h/12 h (07:00 - 19:00),
- ventilation : about 12 cycles/hour of filtered, non-recycled air.

The corresponding instrumentation and equipment are checked and calibrated at regular intervals. The temperature and relative humidity are recorded continuously and the records checked daily and filed.

The animal room will be disinfected before the arrival of the animals and then cleaned regularly thereafter.

3.3 Housing

The F0 animals will be housed individually in wire-mesh cages (43.0 x 21.5 x 18.0 cm). A metal tray containing autoclaved sawdust will be placed under each cage.

Prior to delivery and during lactation the F0 and F1 females will be housed individually in polycarbonate cages (43.0 x 21.5 x 20.0 cm) containing autoclaved sawdust (SICSA, Alfortville, France). Autoclaved wood shavings (SDS, Alfortville, France) will be provided as nesting material, a few days before delivery and during the lactation period.

After weaning, the F1 animals will be housed individually in wire-mesh cages (43.0 x 21.5 x 18.0 cm). A metal tray containing autoclaved sawdust will be placed under each cage.

The cages will be placed in numerical order on the racks. On a monthly basis, all the racks will be moved clockwise around the room, rack by rack. In this way, for each group, identical exposure to environmental conditions will be achieved.

3.4 Food and water

All animals will have free access to A04 C pelleted maintenance diet (SAFE, Villemoisson, Epinay-sur-Orge, France), distributed weekly and tap water (filtered with a 0.22 µm filter) contained in bottles.

3.5 Contaminant analyses

The batches of diet, sawdust and wood shavings are analyzed by the suppliers for composition and contaminant levels.

Bacterial and chemical analyses of water are performed regularly by external laboratories. These analyses include the detection of possible contaminants (pesticides, heavy metals and nitrosamines).

It is expected that no contaminants that may interfere with or prejudice the outcome of the study will be found in the diet, drinking water or sawdust.

4. TREATMENT (F0 animals)

4.1 Treatment groups

Rationale for dose-level selection

The dose-levels were selected by the Sponsor, following the results of a previously conducted study (CIT/Study No. 24168 RSR). In this previous reproduction/developmental dose-range finding study, except for a slight significant decrease on body weight in pregnant females at 1000 mg/kg/day and ptialism in most animals given 1000 mg/kg/day over the study, no effect on mating, pregnancy, lactation or litter data parameters was noted at 50, 250, 500 and 1000 mg/kg/day.

Consequently, dose-levels of 250, 500 and 1000 mg/kg/day were selected for this study. The treatment groups are detailed in the following table:

Group	Number of animals	Dose-level (mg/kg/day)	Concentration (mg/mL)
1	25 males	0	0
	25 females		
2	25 males	250	62.5
	25 females		
3	25 males	500	125
	25 females		
4	25 males	1000	250
	25 females		

4.2 Duration

Each animal will be dosed once a day, at approximately the same time each day, 7 days a week, according to the following schedule:

- in the males:
 - 10 weeks before mating,
 - during the mating period (2 weeks),
 - until sacrifice (after weaning of the pups),
- in the females:
 - 10 weeks before mating,
 - during the mating period (2 weeks),
 - during pregnancy,
 - during lactation,
 - until sacrifice (after weaning of the pups).

Day 1 correspond to the first day of treatment period.

4.3 Administration

The oral route was selected based upon agreement with the Competent Authority requesting this study. It is also recommended by OECD Guideline 416, and was used in the preliminary range-finding study.

The dosage forms will be administered by gavage using a glass syringe fitted a metal gavage tube.

The quantity of the dosage form administered to each animal will be adjusted according to the most recently recorded body weight.

A constant dosage-volume of 4 mL/kg/day will be used.

Control animals (group 1) will receive the vehicle alone.

The dosage forms will be mixed regularly throughout the dosing procedure.

5. CLINICAL EXAMINATIONS OF F0 MALES AND FEMALES

5.1 Morbidity and mortality

Each animal will be checked at least twice a day for mortality and signs of morbidity (once during acclimation period and at least twice a day during the treatment period).

Any female showing signs of poor clinical condition, especially if death appears imminent, and any female having aborted, will be humanely killed.

Any female found dead or killed prematurely will be subjected to a macroscopic *post-mortem* examination.

5.2 Clinical signs

Each animal will be observed at two or three times a day, at approximately the same time (immediately after dosing, 1 hour and 4 hours post-dosing), for the recording of clinical signs (including evidence of physical or behavioural changes together with any signs of overt toxicity including abortion/resorption for the females).

The detailed and frequency of clinical observations are detailed below:

- study weeks 1 and 2 (pre-mating period): animals will be inspected for clinical signs three times per day (immediately post-dosing, 1 hour post-dosing, 4 hour post-dosing), 7 days per week,
- study weeks 3 and 4 (pre-mating period): if no clinical signs are apparent at the 1 hour or 4 hours observation period at the end of study week 2, the frequency of observations will be reduced to twice daily (immediately post-dosing, 1 hour post-dosing), 5 days per week (Monday to Friday) during study weeks 3 and 4. If clinical signs are present at this time, observations will be made following the schedule for study weeks 1 and 2,
- study weeks 5 to 9: if no clinical signs are apparent at the end of study week 4, routine observations will cease. If clinical signs are present at the end of study week 4, additional observations will be performed (1),
- study week 10 (one week before mating): the animals will be inspected for clinical signs twice daily (immediately post-dosing, 1 hour post-dosing), 7 days per week. If clinical signs are present at the 1 hour observations period, the animals will be observed again 4 hour post-dosing (1),
- gestation days 0 to 14 (pregnancy period): dams will be inspected three times per day (immediately post-dosing, 1 hour post-dosing, 4 hours post-dosing), 7 days per week,
- lactation days 1 - 14: dams will be inspected three times per day (immediately post-dosing, 1 hour post-dosing, 4 hours post-dosing), 7 days per week.

Observations recorded immediately post-dosing will be made while the animals are being handled. Observations made 1 hour and 4 hours post-dosing will be made with the animals in their cages.

This initial schedule may be modified by an amendment to the study plan in the event of any unexpected clinical findings, or if no relevant clinical signs are present.

On the other days, each animal will be observed at least once a day, at approximately the same time for recording of clinical signs.

5.3 Body weight

The body weight of each male will be recorded once a week until sacrifice.

The body weight of each female will be recorded once a week during the pre-mating and mating periods, then on days 0, 7, 14, 20 *post-coitum* and on days 1, 7, 14 and 21 *post-partum*.

5.4 Food consumption

The quantity of food consumed by each male will be recorded once a week until sacrifice.

The quantity of food consumed by each female will be recorded once a week during the pre-mating and mating periods, then over the following intervals:

- days 0-7, 7-14 and 14-20 *post-coitum*,
- days 1-7, 7-14 and 14-21 *post-partum*.

(1) Will be specified later by a study plan amendment.

6. MATING

6.1 Monitoring of estrous cycle

The estrous cycle stage will be determined from a fresh vaginal lavage (stained with methylene blue), each morning as follows:

- during the last three weeks of the pre-mating period,
- during the mating period, until the females are mated.

6.2 Mating procedure

Females will be paired with males from the same dose-level group: during the night one female will be placed with one male from an other litter of the same dose-level group, in order to avoid mating of one male and one female of the same litter.

Confirmation of mating will be made in the morning by checking the presence of a vaginal plug or of sperm in a vaginal lavage.

The day of confirmed mating will be designated day 0 *post-coitum* (p.c.).

Each female will be placed with the same male until mating occurs or 14 days have elapsed. The pre-coital time will be calculated for each pair.

7. PREGNANCY

After mating, each pair will be separated.

By the end of pregnancy, the females will be individually placed in appropriate cages with nesting material (see § 3.3 Housing).

Clinical monitoring will focus on any sign of abortion/resorption (bleeding) or premature delivery.

8. PARTURITION

Females will be allowed to litter normally and rear their progeny until weaning. Any sign of a difficult or prolonged parturition will be recorded.

The day of completed parturition will be designated day 1 *post-partum*. The length of gestation will be calculated.

9. OBSERVATIONS OF THE PROGENY OF THE F0 FEMALES DURING THE LACTATION PERIOD

Each pup will be identified individually on day 1 *post-partum*, by subcutaneous injection of Indian ink.

9.1 Litter size

The total litter size and numbers of pups of each sex will be recorded as soon as possible after birth.

The litters will be observed daily in order to note the number of live, dead and cannibalized pups.

Any gross malformation in pups will be noted.

9.2 Litter size adjustment

On day 4 *post-partum*, the size of each litter will be adjusted by randomly culling extra pups to obtain as nearly as possible four males and four females per litter. Whenever necessary, partial adjustment (for example five males and three females) will be permitted.

Standardization of litter size is considered to reduce the litter size-induced variability in the growth and development of the pups and thus increase the sensitivity of statistical analysis. This will also ensure that any adverse effects on pup growth and development are not masked by a treatment-related reduction in litter size.

9.3 Clinical signs

The pups will be observed daily for clinical signs.

9.4 Body weight

The weight of each pup will be recorded on days 1, 4, 7, 14 and 21 *post-partum*.

9.5 Anogenital distance

The anogenital distance (AGD) will be measured on day 1 *post-partum* for all pups of all groups.

An anogenital index will be calculated:

$$\frac{\text{AGD}}{\text{body weight}}$$

The ratio of AGD to the cube root of body weight will be also calculated.

9.6 Reflex development

The number of pups in each litter exhibiting the required characteristics of reflex development will be recorded at designated time-points:

- surface righting reflex : on day 5 *post-partum*,
- cliff avoidance : on day 11 *post-partum*,
- air-righting reflex : on day 17 *post-partum*.

10. TERMINAL SACRIFICE OF THE F0 GENERATION

Details about the examinations performed at terminal sacrifice of the F0 animals and their pups not selected for the F1 generation are given in § 20. Terminal examinations and pathology.

11. CONSTITUTION AND TREATMENT OF THE F1 GENERATION

On day 22 *post-partum*, one or two males and one or two females per litter (from as many litters as possible) will be selected to obtain 25 animals/sex/group and therefore constitute the F1 generation. Day 22 *post-partum* will be designated day 1 of the F1 generation.

F1 selected animals will be treated from day 1 (with the same procedure as for the F0 animals) throughout pre-mating, mating, pregnancy and until sacrifice (after weaning of their F2 progeny).

The experimental groups will be as follows:

Group	Number of animals	Dose-level (mg/kg/day)	Concentration (mg/mL)
1	25 males 25 females	0	0
2	25 males 25 females	250	62.5
3	25 males 25 females	500	125
4	25 males 25 females	1000	250

12. CLINICAL EXAMINATIONS OF THE F1 GENERATION AFTER WEANING

12.1 Morbidity and mortality

Each animal will be checked at least twice a day for mortality and signs of morbidity.

Any female showing signs of poor clinical condition, especially if death appears imminent, and any female having aborted, will be humanely killed.

Any female found dead or killed prematurely will be subjected to a macroscopic *post-mortem* examination.

12.2 Clinical signs

- Each animal will be observed at least three times a day, at approximately the same time (immediately after dosing, 1 hour and 4 hours post-dosing) for the recording of clinical signs (including evidence of physical or behavioural changes together with any signs of overt toxicity including evidence of abortion/resorption for the females).

The detailed and frequency of clinical observations are detailed below:

- study weeks 1 and 2 (pre-mating period): animals will be inspected for clinical signs three times per day (immediately post-dosing, 1 hour post-dosing, 4 hour post-dosing), 7 days per week,
- study weeks 3 and 4 (pre-mating period): if no clinical signs are apparent at the 1 hour or 4 hours observation period at the end of study week 2, the frequency of observations will be reduced to twice daily (immediately post-dosing, 1 hour post-dosing), 5 days per week (Monday to Friday) during study weeks 3 and 4. If clinical signs are present at this time, observations will be made following the schedule for study weeks 1 and 2,
- study weeks 5 to 9: if no clinical signs are apparent at the end of study week 4, routine observations will cease. If clinical signs are present at the end of study week 4, additional observations will be performed (1),
- study week 10 (one week before mating): the animals will be inspected for clinical signs twice daily (immediately post-dosing, 1 hour post-dosing), 7 days per week. If clinical signs are present at the 1 hour observations period, the animals will be observed again 4 hour post-dosing (1),
- gestation days 0 to 14 (pregnancy period): dams will be inspected three times per day (immediately post-dosing, 1 hour post-dosing, 4 hours post-dosing), 7 days per week,
- lactation days 1 - 14: dams will be inspected three times per day (immediately post-dosing, 1 hour post-dosing, 4 hours post-dosing), 7 days per week.

Observations recorded immediately post-dosing will be made while the animals are being handled. Observations made 1 hour and 4 hours post-dosing will be made with the animals in their cages.

This initial schedule may be modified by an amendment to the study plan in the event of any unexpected clinical findings, or if no relevant clinical signs are present.

On the other days, each animal will be observed at least once a day, at approximately the same time for recording of clinical signs.

12.3 Body weight

The body weight of each male will be recorded once a week until sacrifice.

The body weight of each female will be recorded once a week during the pre-mating and mating periods, then on days 0, 7, 14, 20 *post-coitum* and on days 1, 7, 14, and 21 *post-partum*.

12.4 Food consumption

The quantity of food consumed by each male will be recorded once a week until sacrifice.

The quantity of food consumed by each female will be recorded once a week during the pre-mating and mating periods, then over the following intervals:

- days 0-7, 7-14 and 14-20 *post-coitum*,
- days 1-7, 7-14 and 14-21 *post-partum*.

(1) Will be specified later by a study plan amendment.

12.5 Sexual development

All male animals will be observed each day between day 32 and day 47 of age (i.e. day 11 and day 26 of F1 generation), until cleavage of the balanopreputial groove (preputial separation) is observed. Body weight will be recorded individually at that time.

All female animals will be observed each day when between day 28 and day 40 of age (i.e. day 7 and day 19 of F1 generation), until vaginal opening is observed. Body weight will be recorded individually at that time.

13. NEUROBEHAVIOURAL TESTS IN THE F1 GENERATION

13.1 Auditory function

When the animals are 4 weeks old, they will be tested for the acoustic startle response.

13.2 Pupil constriction

When the animals are 4 weeks old, they will be tested for the pupil constriction reflex.

13.3 Spontaneous locomotor activity

When the animals are between 7 and 8 weeks old, the spontaneous locomotor activity will be evaluated using an automated infra-red sensor equipment. Each animal will be tested twice at an interval of approximately 1 week. At each trial, the activity will be recorded over a 10-minute interval.

The following parameters will be recorded:

- movements within the front of the cage,
- movements within the back of the cage,
- back and forth movements.

14. MATING OF THE F1 GENERATION

14.1 Monitoring of estrous cycle

The estrous cycle stage will be determined from a fresh vaginal lavage (stained with methylene blue), each morning as follows:

- during the last 3 weeks of the pre-mating period,
- during the mating period, until the females are mated.

14.2 Mating procedure

When the animals are between 12 and 14 weeks old, females will be paired with males from the same dose-level group: during the night, one female will be placed with one male from another litter of the same dose-level group, in order to avoid mating of one male and one female of the same litter.

Confirmation of mating will be made in the morning by checking the presence of a vaginal plug or of sperm in a vaginal lavage.

The day of confirmed mating will be designated day 0 *post-coitum* (p.c.).

Each female will be placed with the same male until mating occurs or 14 days have elapsed.

The pre-coital time will be calculated for each pair.

15. PREGNANCY

After mating, each pair will be separated.

By the end of pregnancy, the females will be individually placed in appropriate cages with nesting material (see § 3.3 Housing).

Clinical monitoring will focus on any sign of abortion/resorption (bleeding) or premature delivery.

16. PARTURITION

Females will be allowed to litter normally and rear their progeny until weaning. Any sign of a difficult or prolonged parturition will be recorded.

The day of completed parturition will be designated day 1 *post-partum*. The length of gestation will be calculated.

17. OBSERVATIONS OF THE PROGENY OF THE F1 FEMALES DURING THE LACTATION PERIOD

Each pup will be identified individually on day 1 *post-partum*, by subcutaneous injection of Indian ink.

17.1 Litter size

The total litter size and numbers of pups of each sex will be recorded as soon as possible after birth.

The litters will be observed daily in order to note the number of live, dead and cannibalized pups.

Any gross malformation in pups will be noted.

17.2 Litter size adjustment

On day 4 *post-partum*, the size of each litter will be adjusted by randomly culling extra pups to obtain as nearly as possible four males and four females per litter. Whenever necessary, partial adjustment (for example five males and three females) will be permitted.

Standardization of litter size is considered to reduce the litter size-induced variability in the growth and development of the pups and thus increase the sensitivity of statistical analysis. This will also ensure that any adverse effects on pup growth and development are not masked by a treatment-related reduction in litter size.

17.3 Clinical signs

The pups will be observed daily for clinical signs.

17.4 Body weight

The weight of each pup will be recorded on days 1, 4, 7, 14 and 21 of *post-partum*.

17.5 Anogenital distance

The anogenital distance (AGD) will be measured on day 1 *post-partum* for all pups of all groups.

An anogenital index will be calculated:
$$\frac{\text{AGD}}{\text{body weight}}$$

The ratio of AGD to the cube root of body weight will be also calculated.

17.6 Reflex development

The number of pups in each litter exhibiting the required characteristics of reflex development will be recorded at designated time-points:

- surface righting reflex : on day 5 *post-partum*,
- cliff avoidance : on day 11 *post-partum*,
- air-righting reflex : on day 17 *post-partum*.

18. CONSTITUTION AND TREATMENT OF THE F2 GENERATION

On day 22 *post-partum*, one or two males and one or two females per litter (from as many litters as possible) will be selected to obtain 25 animals/sex/group and therefore constitute the F2 generation. Day 22 *post-partum* will be designated day 1 of the F1 generation.

F2 selected animals will be treated from day 1 until sexual maturity with the same procedure as for F0 and F1 animals.

The experimental groups will be as follows:

Group	Number of animals	Dose-level (mg/kg/day)	Concentration (mg/mL)
1	25 males 25 females	0	0
2	25 males 25 females	250	62.5
3	25 males 25 females	500	125
4	25 males 25 females	1000	250

19. CLINICAL EXAMINATIONS OF THE F2 GENERATION AFTER WEANING

19.1 Morbidity and mortality

Each animal will be checked at least twice a day for mortality and signs of morbidity.

Any animal showing signs of poor clinical condition, especially if death appears imminent, will be humanely killed.

Any animal found dead or killed prematurely will be subjected to a macroscopic *post-mortem* examination.

19.2 Clinical signs

Each animal will be observed at least three times a day, at approximately the same time (immediately after dosing, 1 hour and 4 hours post-dosing) for the recording of clinical signs (including evidence of physical or behavioural changes together with any signs of overt toxicity including evidence of abortion/resorption for the females) from weaning until sexual maturity.

19.3 Body weight

The body weight of each male will be recorded once a week until sacrifice.

19.4 Food consumption

The quantity of food consumed by each male will be recorded once a week until sacrifice.

19.5 Sexual development

All male animals will be observed each day between day 32 and day 47 of age (i.e. day 11 and day 26 of F2 generation), until cleavage of the balanopreputial groove (preputial separation) is observed. Body weight will be recorded individually at that time.

All female animals will be observed each day when between day 28 and day 40 of age (i.e. day 7 and day 19 of F2 generation), until vaginal opening is observed.

Body weight will be recorded individually at that time.

20. TERMINAL EXAMINATIONS AND PATHOLOGY

20.1 Sacrifice

20.1.1 F0 animals and their progeny

All animals will be killed by asphyxiation using carbon dioxide and exsanguinated:

- F0 surviving males and females: after the weaning of F1 litters (between day 22 and day 25 *post-partum*),
- F0 females which have not delivered: after day 25 *post-coitum*,
- F0 females which did not mate: at least one week after the end of the mating period,
- pups not selected on day 4 or 22 *post-partum*: as appropriate,
- pups whose mother dies or mothers with litter dying entirely: as appropriate.

20.1.2 F1 animals and their progeny

All animals will be killed by asphyxiation using carbon dioxide and exsanguinated:

- F1 surviving males and females: after the weaning of each F2 litter (between day 22 and day 25 *post-partum*),
- F1 females which have not delivered: after day 25 *post-coitum*,
- F1 females which did not mate: at least one week after the end of the mating period,
- pups not selected on day 4 or 22 *post-partum*: as appropriate,
- pups whose mother dies or mothers with litter dying entirely: as appropriate.

20.1.3 F2 animals

All animals will be killed at sexual maturity by asphyxiation using carbon dioxide and exsanguination.

20.2 Organ weights

The body weight of all F0 and F1 animals killed at terminal sacrifice will be recorded and the following organs will be weighed (wet) as soon as possible after dissection:

- in all F0 and F1 males: testes (separately), epididymides (separately), prostate, seminal vesicles together with coagulating glands, brain, liver, kidneys, spleen, pituitary gland, thyroids with parathyroids and adrenals,
- in all F0 and F1 females: uterus, ovaries, brain, liver, kidneys, spleen, pituitary gland, thyroid and adrenals,
- in one F1 pup/sex/litter and one F2 pup/sex/litter: body weight, brain, spleen and thymus.

20.3 Seminology (F0 and F1 animals)

20.3.1 Epididymal sperm

Before sacrifice, each male will be slightly anesthetized (inhalation of isoflurane), and sperm will be sampled from the tail of the left epididymis (after weighing: see § 20.2 Organ weights) for investigation.

The animals will be then asphyxiated by carbon dioxide and exsanguinated.

20.3.1.1 Epididymal sperm motility

These investigations will be performed in all males of all the groups.

The sperm will be quickly evaluated on a slide, after appropriate dilution, and observation of 200 spermatozoa.

Results will be expressed as a proportion of motile and non-motile spermatozoa.

20.3.1.2 Epididymal sperm count and cauda sperm reserve

These investigations will be performed in all males of all the groups.

From a precisely measured sample of sperm, the spermatozoa will be counted, in a Malassez cell after appropriate dilution. Results will be expressed as a number of spermatozoa per mm³ of sperm.

Cauda sperm reserve will be derived from the number of sperm recovered by mincing the cauda tissue.

20.3.1.3 Epididymal sperm morphology

These investigations will be performed in all males of all groups. In the case of treatment-related changes, they will also be carried out in all males from all dose groups.

The morphology will be determined from a sperm smear, after eosin staining, and counting 100 spermatozoa per slide. Results will be expressed as a proportion of spermatozoa in each of the following categories:

- normal,
- normally shaped head separated from flagellum,
- mis-shapen head separated from flagellum,
- mis-shapen head with normal flagellum,
- mis-shapen head with abnormal flagellum,
- degenerative flagellar defect(s) with normal head,
- other flagellar defect(s) with normal head.

20.3.2 Testicular sperm

These investigations will be performed in all males of all groups. In the case of treatment-related changes, they will also be carried out in the males from all dose groups.

The left testis will be weighed and ground. The resulting preparation will be diluted and sperm heads resistant to homogeneization (i.e. elongated spermatids and mature spermatozoa) will be counted in a Neubauer cell.

Results will be expressed as a number of sperm heads per gram of testis and the daily sperm production rate will be calculated (using a time divisor of 6.10).

20.4 Macroscopic *post-mortem* examination

20.4.1 F0 and F1 animals

A macroscopic *post-mortem* examination of the principal thoracic and abdominal organs will be performed on all parent animals (F0 males and females, F1 males and females) including any that die during the study or are killed prematurely. In all F0 and F1 females, the number of implantation sites will be recorded and whenever appropriate will be classified as scars, late resorptions, live or dead fetuses.

In apparently non-pregnant or un-mated females, the presence of implantation scars on the uterus will be checked using ammonium sulphide staining technique.

In the case of delivery in females for which mating was not detected, the pups will be discarded.

Whenever necessary, photographs will be taken to document findings and kept with the study archives.

20.4.2 F2 animals

A macroscopic *post-mortem* examination of the principal thoracic and abdominal organs will be performed on all animals including any that die during the study or are killed prematurely.

20.4.3 Pups

A macroscopic *post-mortem* examination of the principal thoracic and abdominal organs will be performed on three pups/sex/litter of F0 females and F1 females killed at weaning. If any abnormalities are detected, an additional animal from the affected group will be sacrificed and subject to *post-mortem* examination in order to provide additional age- and treatment-matched control tissue.

Any pups that die during lactation, are killed prematurely, display clinical signs of toxicity or external abnormalities will also be subjected to a macroscopic *post-mortem* examination of the principal thoracic and abdominal organs.

At macroscopic *post-mortem* examination, organ weight of the pups (brain, spleen and thymus will be removed and weighed (see § 20.2 Organ weights).

Other pups (e.g. not selected on day 4 or 21 *post-partum*) will not be examined.

20.5 Preservation of tissues

20.5.1 F0 and F1 animals

In all F0 and F1 animals, the following organs will be preserved in 10% buffered formalin (except for testes and epididymides which will be fixed in Bouin's fluid):

- macroscopic abnormalities,
- ovaries and oviducts,
- uterus (with cervix and horns),
- vagina,
- testis (right),
- epididymis (right),
- seminal vesicles,
- prostate,
- coagulating glands,
- pituitary gland,
- adrenal gland.

In addition, a vaginal smear will be taken from all F0 and F1 females and stained (using Harris Schorr's technique).

20.5.2 Pups

In all examined F0 and F1 pups, the macroscopic abnormalities will be preserved in 10% buffered formalin (except for testes and epididymides which will be fixed in Bouin's fluid).

20.6 Preparation of slides

All tissues required for microscopic examination will be embedded in paraffin wax, sectioned at a thickness of approximately 4 microns and stained with hematoxylin-eosin (except testes and epididymides which will be stained with hematoxylin/PAS).

Other specific staining will be made if necessary.

20.7 Microscopic examination

A microscopic examination will be performed at CIT as follows:

20.7.1 F0 and F1 animals

The following organs will be examined in the F0 and F1 animals of the control and high-dose groups:

- macroscopic abnormalities,
- ovaries and oviducts,
- uterus (with cervix and horns),
- vagina,
- testis*,
- epididymis,
- seminal vesicles,
- prostate,
- coagulating glands,
- pituitary gland,
- adrenal gland.

The following organs will be examined in the F0 and F1 animals of the low and intermediate-dose groups which are suspected to be un-fertile:

- ovaries*,
- uterus (with cervix and oviducts),
- vagina,
- testis*,
- epididymis,
- seminal vesicles,
- prostate,
- coagulating glands.

In addition, the vaginal smear taken at terminal sacrifice will be examined in all F0 and F1 females of all groups.

* In addition, a detailed histopathological examination will be conducted in order to:

- detect retained spermatids, missing germ cell layers or types, multinucleated giant cells or sloughing of spermatogenic cells into the lumen, in F0 and F1 males,
- detect qualitative depletion of the primordial follicle population in F0 and F1 females; evaluate quantitatively the primordial follicles (which can be combined with small growing follicles for comparison of treated and control ovaries) in F1 females.

If requested by the Sponsor and based upon the microscopic results of the high-dose group, other tissues of the low- and intermediate-dose groups will be examined (at additional cost).

21. ASSESSMENT OF DATA

Data will be expressed as group mean values \pm standard deviation (body weight, food consumption, implantations, fetuses, resorptions, pups, gestation length) or as proportions (pre-implantation loss, post-implantation loss, fetal observations, gestation index, live birth index, viability index). Whenever necessary, the experimental unit of comparison will be the litter.

The calculations will be performed for each group as follows:

Post-implantation loss:

$$\frac{\text{Number of implantation sites} - \text{Number of live concepti}}{\text{Number of implantations}} \times 100$$

Mating index:

$$\frac{\text{Number of mated animals}}{\text{Number of paired animals}} \times 100$$

Fertility index:

$$\frac{\text{Number of pregnant female partners}}{\text{Number of mated pairs}} \times 100$$

Gestation index:

$$\frac{\text{Number of females with live born pups}}{\text{Number of pregnant females}} \times 100$$

Live birth index:

$$\frac{\text{Number of live born pups}}{\text{Number of delivered pups}} \times 100$$

Viability index on day 4 *post-partum*:

$$\frac{\text{Number of surviving pups on day 4 } \textit{post-partum}}{\text{Number of live born pups}} \times 100$$

Lactation index:

$$\frac{\text{Number of surviving pups on day 21 } \textit{post-partum}}{\text{Number of surviving pups on day 4 } \textit{post-partum}} \times 100$$

22. STATISTICAL ANALYSIS

22.1 Data other than organ weights

Final interpretation of the numerical data will consider the results of statistical analysis along with other factors such as dose-response relationships and whether the results were toxicologically relevant in the light of other biological- and pathological findings.

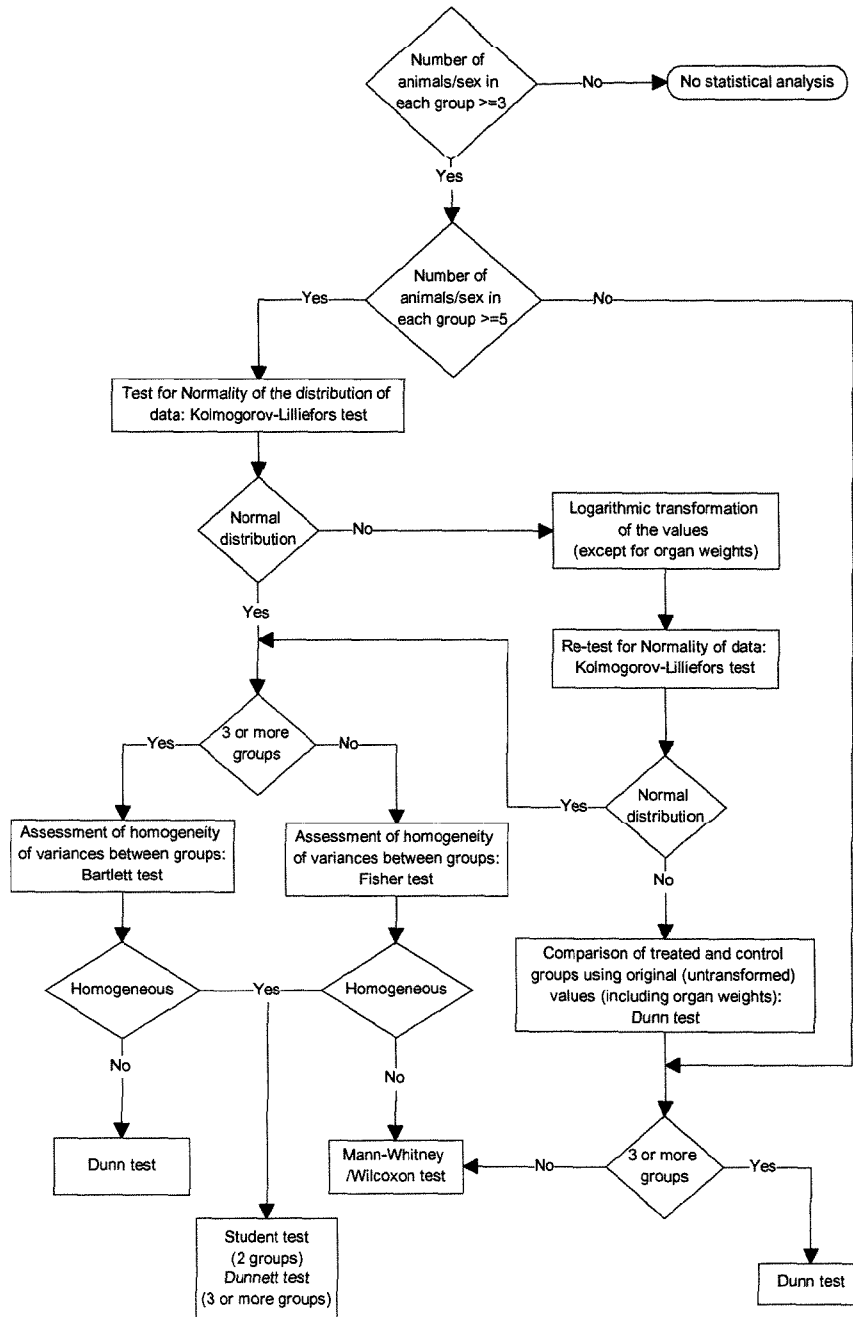
The litter will be the experimental unit for statistical analysis, with fetal body weight analyzed by sex as well as for both sexes combined.

In addition, the fetal body weights will be analyzed by a nested analysis of covariance (ANCOVA: fetal weights nested within dams nested within groups, with litter size as a covariant).

Other parameters will be evaluated for statistical significance using parametric or non-parametric methods, as appropriate. A detailed description of these statistical methods will be the subject of a specific amendment to the study plan.

22.2 Organ weights

The following sequence will be used for organ weight data:



23. BIBLIOGRAPHICAL REFERENCES

- Bartlett, M.S.: A test for heterogeneity of variances. Proc. Roy. Soc. Amer. 160: 268-282 (1937).
- Blazak, W.F. et al.: Application of testicular sperm head counts in the assessment of male reproductive toxicity in methods in toxicology Chapin R.E. and Heindel J.J. Eds (Academic Press), 1993.
- Dunn, J.O.: Multiple comparisons using rank sums. Technometrics 6 (3): 241-252 (1964).
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- Fisher, R.A.: Statistical methods for research workers (5th ed). Edinburgh: Oliver and Boyd (1934).
- Lilliefors, H.W.: Normality test for samples of unknown mean and variances. J. Am. Stat. Assoc. 62: 399-402 (1967).
- Mann, H.B.; Whitney, D.R.: On a test of whether one of two random variables is stochastically larger than the other. Ann. Math. Statist. 18: 50-60 (1947).
- Salewski, (E.): Färbemethode zum makroskopischem Nachweis von Implantationstellen am Uterus der Ratte. Arch. Exp. Path. Pharmak., 247, 367 (1964).
- Seed, J. et al.: Methods for assessing sperm mobility, morphology and counts in the rat, rabbit and dog: a consensus report. Reprod. Toxicol., vol. 10, 3 237-244 (1996).
- Student, W.S.: The probable error of a mean. Biometrika 6 (1): 1-25 (1908).

24. AMENDMENTS TO THE STUDY PLAN

If necessary, amendments to the study plan will be made after discussion between the Study Director and the Study Monitor, and authorization by the Sponsor.

25. REPORTING

The Study Monitor will be informed of any significant findings at any time during the course of the study.

The final report in English (with a summary in French), will contain all data collected during the study. It will include sufficient information for compliance with the Guidelines listed in section 1.2 of this study plan.

Number of copies of the final report: seven (six bound + one unbound).

Proposed issue of the draft report: 13 weeks after completion of the last hysterectomy.

In the case of additional investigations being requested, the Study Monitor will be informed of any change in the delay of the report.

On issue of the final report, an electronic version will be provided as a PDF file (to include a copy of all signed pages, certificate of analysis and appendices)

26. QUALITY ASSURANCE UNIT

The study will be subjected to Quality Assurance monitoring in order to ensure compliance with GLP, specifically:

- (i) The study plan will be checked for compliance with GLP requirements.
- (ii) Specific and/or process-based inspections will be performed in order to ensure that the conduct of the study complies with Standard Operating Procedures.
- (iii) Data audit will be undertaken to ensure the reliability and integrity of the study data.
- (iv) The study report will be reviewed by the Quality Assurance Unit in order to ensure that the report faithfully reflects the data generated during the study and the study findings.

The dates on which the findings of critical inspections and reviews are reported to the Study Director and CIT management will be specified in the study report.

27. ARCHIVING

The following study materials will be retained in the archives of CIT (BP 563 – 27005 Evreux, France) for 10 years after the end of the *in vivo* phase of the study:

- study plan and possible amendments,
- raw data,
- correspondence,
- final report and possible amendments,
- tissues in preservative, blocks, histological slides (where appropriate),
- sample(s) of the test item,
- photographs (where appropriate).

On completion of this period, the archived study materials will be returned to the Sponsor, or may be archived at CIT for a further period (at additional cost).

The total duration of archiving (depending on regulations) will be the responsibility of the Sponsor.

In addition raw data not specific to the study, including but not limited to, certificates of analyses for food, water and bedding (if applicable) and records of environmental data and equipment calibration will also be archived by CIT for at least 30 years.

At the end of the study or utilization, all remaining test item (excluding the archive sample(s)) will be returned to the Sponsor unless otherwise stated by the Sponsor.

Unless otherwise requested by the study Sponsor, deep frozen specimens will be retained until acceptance of the final report by the Sponsor. Samples will then be disposed of unless prior instructions have been received from the Sponsor, requesting shipment of the samples or continued storage (at additional cost).

28. PROPOSED TIME SCHEDULE

Arrival of F0 animals (experimental starting date):	25 March 2003
First day of treatment:	31 March 2003
First day of delivery of F0 females:	01 July 2003
First day of F1 generation:	23 July 2003
First day of delivery of F1 females:	23 October 2003
Last day of necropsy of F1 animals (experimental completion date):	13 December 2003
Draft report:	30 June 2003

In the case of relevant modification of the time schedule, the Study Monitor will be informed and the dates will be documented in the raw data and in the study report.

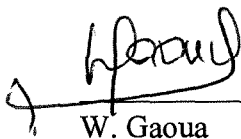
Study plan approved by:



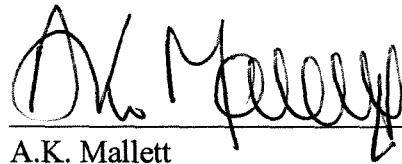
S. de Jouffrey or R. Forster
CIT Scientific Management
Date: 28 MAR . 2003



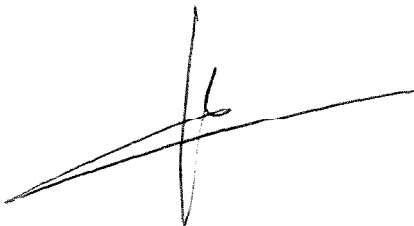
J.P. Gennart
Sponsor
Date: 28 mars 2003



W. Gaoua
CIT Study Director
Date: 28 Mar 2003



A.K. Mallett
Study Monitor
Date 28th March 2003



C. Galli-Kar
CIT Head of Quality Assurance Unit
Date: 28 Mar 2003

AMENDMENT TO STUDY PLAN

STUDY No.: 24859 RSR

SPONSOR: TOTALFINAELF

TEST ITEM: ETHYL TERTIARY BUTYL ETHER (ETBE)

STUDY TITLE: TWO-GENERATION STUDY (REPRODUCTION AND FERTILITY EFFECTS) BY THE ORAL ROUTE (GAVAGE) IN RATS

AMENDMENT No.: 1

Page 1/1

Justification: To correct typing errors (§ 20.3.1.3, 20.3.2, 20.4.3).

To reduce the frequency of clinical observation, in agreement with the Sponsor (§ 5.2).

Date of application: 31 March 2003 (First day of treatment) (§ 20.3.1.3, 20.3.2, 20.4.3).
11 April 2003 (§ 5.2).

5. CLINICAL EXAMINATIONS OF F0 MALES AND FEMALES

Amend the section according to the underlined and barred sentences:

5.2 Clinical signs

- ...
- study weeks 3 and 4 (premating period): ~~if no clinical signs are apparent at the 1 hour or 4 hours observation period at the end of study week 2, the frequency of observations will be reduced to twice daily (immediately post dosing, 1 hour post dosing), because no clinical signs were observed after 1 hour post-dosing, it was decided to not observe the animals at the 4 hour post-dosing, 5 days per week (Monday to Friday) during study weeks 3 and 4. If clinical signs are present at this time become apparent,~~ observations will be made following the schedule for study

...

20. TERMINAL EXAMINATIONS AND PATHOLOGY

Amend the sections according to the underlined and barred sentences:

20.3 Seminology (F0 and F1 animals)

20.3.1 Epididymal sperm

20.3.1.3 Epididymal sperm morphology

These investigations will be performed in all males of all groups. ~~In the case of treatment related changes, they will also be carried out in all males from all dose groups.~~

20.3.2 Testicular sperm

These investigations will be performed in all males of all groups. ~~In the case of treatment related changes, they will also be carried out in the males from all dose groups.~~

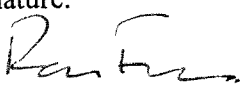
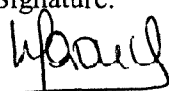
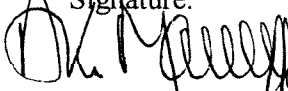
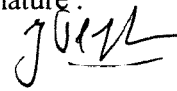
20.4 Macroscopic post-mortem examination

20.4.3 Pups

...

Any pups that die during lactation, or are killed prematurely, ~~display clinical signs of toxicity or external abnormalities~~ will also be subjected to a macroscopic *post-mortem* examination of the principal thoracic and abdominal organs.

...

Scientific Management	Study Director	Study Monitor	Sponsor Representative
R. Forster or S. de Jouffrey	W. Gaoua	A.K. Mallet	J.P. Gennart
Date: 16 Apr. '03	Date: 15 Apr 2003	Date: 15 April 2003	Date: 24 September 2003
Signature:	Signature:	Signature:	Signature:
			



AMENDMENT TO STUDY PLAN

STUDY No.: 24859 RSR
SPONSOR: TOTALFINAELF
TEST ITEM: ETHYL TERTIARY BUTYL ETHER (ETBE)
STUDY TITLE: TWO-GENERATION STUDY (REPRODUCTION AND FERTILITY EFFECTS) BY THE ORAL ROUTE (GAVAGE) IN RATS
AMENDMENT No.: 2 Page 1/1

Justification: - to add information unavailable at the time of finalisation of the study plan

Date of application: 31 March 2003 (§ 19 first day of dosing)
13 April 2003 (§ 2.1.1, first day of utilization of the batch No. 308 596)

Modify the following paragraph as indicated by the underlined words

2. TEST AND CONTROL ITEMS

2.1 Identification

2.1.1 Test item

Name: ETHYL TERTIARY BUTYL ETHER (purified ETBE)
Synonyms: Ethyl-tert-Butyl Ether, ETBE, 2-ethoxy-2-methylpropane
CAS No.: 637-92-3

Batch Nos.: S02-08-159-I3/1 (utilization from 27 2003 Mars to 30 April 2003)
and S02-08-159-I3/2 (utilization from 30 April 2003 to 6 August 2003)
and 308 596 (utilization since 13 August 2003)

Expiry date of the Batches Nos. S02-08-159-I3/1 and S02-08-159-I3/2: 25 September 2003

Expiry date of the Batch No. 308 596: 25 June 2004

Modify the following paragraph as indicated by the underlined sentences.

19. CLINICAL EXAMINATIONS OF THE F2 GENERATION AFTER WEANING

19.3 Body weight

The body weight of each animal will be recorded once a week until sacrifice.

19.4 Food consumption

The quantity of food consumed by each animal will be recorded once a week until sacrifice.

Scientific Management	Study Director	Study Monitor	Sponsors Representative
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S. de Jouffrey or R. Forster	W.Gaoua	A.K. Mallet	J.P. Gennart
------------------------------	---------	-------------	--------------

Date: 07 Nov 2003	Date: 7 Nov 2003	Date: 13/11/03	Date: 13/11/2003
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Signature:	Signature:	Signature:	Signature:
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AMENDMENT TO STUDY PLAN

STUDY No.: 24859 RSR

SPONSOR: TOTAL France SA

TEST ITEM: ETHYL TERTIARY BUTYL ETHER (ETBE)

STUDY TITLE: **TWO-GENERATION STUDY (REPRODUCTION AND FERTILITY EFFECTS) BY THE ORAL ROUTE (GAVAGE) IN RATS**

AMENDMENT No.: 3

Page 1/2

Justification: - at the request of the Sponsor, an interim draft report will be sent to the Sponsor.
- change the name of the Sponsor facility

Date of application: 20 January 2004 (§ 25)

From 06 May 2003 on, the Sponsor's company name is TOTAL France SA instead of TOTALFINAELF.

All sections of the study plan are modified accordingly.

Amend the following paragraph as indicated by the underlined words

25. REPORTING

The Study Monitor will be informed of any significant findings at any time during the course of the study.

The final report in English (with a summary in French), will contain all data collected during the study. It will include sufficient information for compliance with the Guidelines listed in section 1.2 of this study plan.

Number of copies of the final report: seven (six bound + one unbound).

Proposed issue of the draft report: 13 weeks after completion of the last hysterectomy.

An interim draft report, which will contain all F0 Generation data collected during the study, will be sent to the sponsor.

In the case of additional investigations being requested, the Study Monitor will be informed of any change in the delay of the report.

On issue of the final report, an electronic version will be provided as a PDF file (to include a copy of all signed pages, certificate of analysis and appendices)



AMENDMENT TO STUDY PLAN

STUDY No.: 24859 RSR

SPONSOR: TOTAL France SA

TEST ITEM: ETHYL TERTIARY BUTYL ETHER (ETBE)

STUDY TITLE: TWO-GENERATION STUDY (REPRODUCTION AND FERTILITY EFFECTS) BY THE ORAL ROUTE (GAVAGE) IN RATS

AMENDMENT No.: 3

Page 2/2

Amend the following paragraph as indicated by the underlined words

PROPOSED TIME SCHEDULE

Arrival of F0 animals	
(experimental starting date):	25 March 2003
First day of treatment:	31 March 2003
First day of delivery of F0 females:	01 July 2003
First day of F1 generation:	23 July 2003
First day of delivery of F1 females:	23 October 2003
Last day of necropsy of F1 animals	
(experimental completion date):	13 December 2003
<u>Interim draft report (F0 generation):</u>	<u>20 January 2004</u>
<u>Draft report (whole study):</u>	<u>12 May 2004</u>

In the case of relevant modification of the time schedule, the Study Monitor will be informed and the dates will be documented in the raw data and in the study report.

Scientific Management	Study Director	Study Monitor	Sponsors Representative
-----------------------	----------------	---------------	-------------------------

S. de Jouffrey or R. Forster

W.Gaoua

A.K. Mallet

J.P. Gennart

Date: 15 Dec 2003

Date: 12 Dec 2003

Date: 11/12/03

Date : 23/01/2004

Signature:

Signature:

Signature:

Signature:



AMENDMENT TO STUDY PLAN

STUDY No.: 24859 RSR

SPONSOR: TOTAL France SA

TEST ITEM: ETHYL TERTIARY BUTYL ETHER (ETBE)

STUDY TITLE: **TWO-GENERATION STUDY (REPRODUCTION AND FERTILITY EFFECTS) BY THE ORAL ROUTE (GAVAGE) IN RATS**

AMENDMENT No.: 4

Page 1/2

Justification: additional examinations at request of the Sponsor

Date of application: 15 March 2004

Amend the following paragraph as indicated by the underlined words

20.7 Microscopic examination

A microscopic examination will be performed at CIT as follows:

20.7.1 F0 and F1 animals

The following organs will be examined in the F0 and F1 animals of the control and high-dose groups:

- macroscopic abnormalities,
- ovaries and oviducts,
- uterus (with cervix and horns),
- vagina,
- testis* (a),
- epididymis,
- seminal vesicles,
- prostate,
- coagulating glands,
- pituitary gland,
- adrenal gland.

(a) Based on the microscopic examination results of the control and high dose-group, the testis of all F1 males of the low and intermediate groups will be examined.

The following organs will be examined in the F0 and F1 animals of the low and intermediate-dose groups which are suspected to be un-fertile:

- ovaries*,
- uterus (with cervix and oviducts),
- vagina,
- testis*,
- epididymis,
- seminal vesicles,
- prostate,
- coagulating glands.

In addition, the vaginal smear taken at terminal sacrifice will be examined in all F0 and F1 females of all groups.



AMENDMENT TO STUDY PLAN

STUDY No.: 24859 RSR

SPONSOR: TOTAL France SA

TEST ITEM: ETHYL TERTIARY BUTYL ETHER (ETBE)

STUDY TITLE: **TWO-GENERATION STUDY (REPRODUCTION AND FERTILITY EFFECTS) BY THE ORAL ROUTE (CAVAGE) IN RATS**

AMENDMENT No.: 4

Page 2/2

- * In addition, a detailed histopathological examination will be conducted in order to:
- detect retained spermatids, missing germ cell layers or types, multinucleated giant cells or sloughing of spermatogenic cells into the lumen, in F0 and F1 males,
 - detect qualitative depletion of the primordial follicle population in F0 and F1 females; evaluate quantitatively the primordial follicles (which can be combined with small growing follicles for comparison of treated and control ovaries) in F1 females.

Delete the barred words

~~If requested by the Sponsor and based upon the microscopic results of the high-dose group, other tissues of the low- and intermediate-dose groups will be examined (at additional cost).~~

Scientific Management	Study Director	Study Monitor	Sponsors Representative
S. de Jouffrey or R. Forster	W.Gaoua	A.K. Mallet	J.P. Gennart
Date: 15 Mar 2004	Date: 15 Mar 2004	Date: 26/03/04	Date: 22/03/2004
Signature:	Signature:	Signature:	Signature:

AMENDMENT TO STUDY PLAN



STUDY No.: 24859 RSR

SPONSOR: TOTAL France SA

TEST ITEM: ETHYL TERTIARY BUTYL ETHER (ETBE)

STUDY TITLE: TWO-GENERATION STUDY (REPRODUCTION AND FERTILITY EFFECTS) BY THE ORAL ROUTE (GAVAGE) IN RATS

AMENDMENT No.: 5

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Justifications: . to add information unavailable at the time of finalization of the study plan,
. to correct typing errors.

Dates of application: 4 July 2003 (§ 2.3.1 and 2.3.2) and 31 March 2003 (§ 5, 12 and 22)

Complete the following paragraphs as indicated by the underlined words:

2. TEST AND CONTROL ITEMS

2.3 Chemical analysis of the dosage forms

2.3.1 Homogeneity

Before treatment, homogeneity of the dosing preparation for each batch of test item will be confirmed at the lowest and highest concentrations prepared for use.

[...]

2.3.2 Stability

A previous study performed with the test item batch No. S02-08-159-13 (CIT Study No. 24168 RSR) demonstrated satisfactory stability of the dosage forms (ETBE concentration in the range 1-333mg/mL) over a 9-day period at room temperature.

During the current study, the two dosage forms at 62.5 and 250 mg/mL prepared with the second batch of test item (308 596) will be sampled just after preparation and again after 4 and 9 days storage at room temperature. Each sample will be analyzed as soon as possible after sampling.

2.3.3 Concentration

[...]

3. TEST ITEM

[...]

. **Acclimation:** the animals will be acclimated for a period of at least 5 days before the beginning of the treatment period. A larger number of animals than necessary will be acclimated to permit selection and/or replacement of individuals. The animals may be supplied in several batches for logistical reasons.

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5. CLINICAL EXAMINATIONS OF F0 MALES AND FEMALES

5.4 Food consumption

The quantity of food consumed by each male will be recorded once a week until sacrifice.

The quantity of food consumed by each female will be recorded once a week during the pre-mating and mating period, then over the following intervals:

- . days 0-7, 7-14 and 14-20 *post-coitum*,
- . days 1-7, 7-14 and 14-21 *post-partum*.

No food consumption was noted during the pre-mating period.

12. CLINICAL EXAMINATIONS OF THE F1 GENERATION AFTER WEANING

12.4 Food consumption

[...]

The quantity of food consumed by each female will be recorded once a week during the pre-mating and mating period, then over the following intervals:

- . days 0-7, 7-14 and 14-20 *post-coitum*,
- . days 1-7, 7-14 and 14-21 *post-partum*.

No food consumption was noted during the pre-mating period.

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22. STATISTICAL ANALYSIS

22.1 Data other than organ weights

Mean values will be compared by one-way analysis of variance and Dunett's test (mean values being considered as normally distributed and variances being considered homogeneous).

Percentage values will be compared by the Fischer exact probability test. All the above statistics will be performed with a dedicated and validated computer system (Reprotox, version B1).

Mean percentages of motility and morphology sperm parameters will be Arcsine transformed and then compared by analysis variance.

Mean values for anogenital distance normalized to the cube root of pups body weight will be compared by analysis of variance.

These analysis will be performed using a dedicated commercial software package (Statview, version 5.0.1 SAS industries Inc).

Scientific Management

S. de Jouffrey or R. Forster

Date: 08 July 2004

Signature:

Study Director

W. Gaoua

Date: 08 July 2006

Signature:

Study Monitor

A.K. Mallett

Date:

Signature:

Sponsor's Representative

J.P. Gennart

Date:

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