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Summary Report

104-Week Dietary Chronic Toxicity and Carcinogenicity Study
with Perfluorooctane Sulfonic Acid Potassium
Salt (PFOS: T-6295) in Rats

T-6295.4

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COVANCE STUDY NUMBER:
6329-183

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SUMMARY REPORT - WEEK 53

104 Week Dietary Toxicity and Carcinogenicity Study with Perfluorooctane Sulfonic Acid Potassium Salt (PFOS; T-6295) in Rats

Timeline

Covance 6329-183:

In-life start date: April 20, 1998

Week 53 completed: April 25, 1999

Introduction

The purpose of this study is to assess the chronic toxicity and carcinogenicity of the test material, T-6295 (Perfluorooctane sulfonic acid potassium salt, PFOS), when administered in the diet to rats for at least 104 weeks. This summary report includes information through Week 53 and contains current findings; it is not, however, the final report for the study. Covance Laboratories Inc. reserves the right of review of these data before issuing a final report.

Methods

Male and female Crl:CD[®](SD)IGS BR rats were assigned to groups according to the following design:

Group	Number of Animals		Dietary Levels (ppm T-6295) ^c
	Male	Female	
1 (Control) ^{a,b,d}	70	70	0
2 (Low) ^b	60	60	0.5
3 (Mid) ^b	60	60	2.0
4 (Mid-High) ^b	70	70	5.0
5 (High) ^{b,d}	70	70	20.0
6 (Mid-High Recovery)	40	40	20.0

a The control animals received the basal diet only.

b Five animals/sex in Groups 1 through 5 were sacrificed during Weeks 4 and 14 for hepatocellular proliferation rate measurements, biochemical analyses (palmitoyl-CoA oxidation), mitochondrial activity analyses, and histopathology (Week 14 only).

c T-6295 is perfluorooctane sulfonic acid potassium (PFOS); dose levels are expressed as ppm of T-6295

d Ten animals/sex in Groups 1 and 5 were designated as interim sacrifice animals. These animals were sacrificed after at least 52 weeks of treatment..

Observation of Animals

Food was provided *ad libitum*, except when animals were fasted. Water was provided *ad libitum*. The animals were observed twice daily (a.m. and p.m.) for mortality and moribundity; findings were recorded as they were observed. At least once prior to treatment and weekly thereafter, each animal was removed from its cage and examined; abnormal findings or an indication of normal was recorded. Body weight data were recorded weekly for each animal for Weeks 1 through 17 and once every 4 weeks thereafter. Food consumption data were collected for each animal for Weeks 1 through 16 and once every 4 weeks thereafter.

Clinical Pathology. Blood and urine samples were collected for hematology, clinical chemistry, urinalysis, and urine chemistry from 10 animals/sex/group in Groups 1 through 5 during Weeks 4, 14, 27, and 53. Animals were fasted overnight, and urine was collected chilled overnight (approximately 16 hours) before blood sampling. Blood was collected from a jugular vein. The anticoagulant was potassium EDTA for hematology tests. The samples for clinical chemistry and serum samples were collected without anticoagulant. When possible, a blood film was made for possible future examination from animals sacrificed at unscheduled intervals. A blood film was also made and held for possible future examination from animals sacrificed during Week 53.

Serum PFOS Analyses. During Weeks 4 and 14, blood samples were collected for serum analyses from five animals/sex/group in Groups 1 through 5. During Week 53, blood samples were collected from five animals/sex/group in Groups 1 and 5. Animals were fasted overnight. Blood (approximately 2 mL) was collected from a jugular vein, allowed to clot at room temperature, and centrifuged. Samples were collected without anticoagulant. Serum was harvested and stored in a freezer, set to maintain -60 to -80°C, until sent to the Sponsor for analyses of PFOS levels.

Termination. During Weeks 4 and 14, five animals/sex/group/interval in Groups 1 through 5 were fasted overnight, bled for serum chemistry, anesthetized with carbon dioxide, weighed, and exsanguinated. The abdominal cavity of each animal was opened, the liver was removed and weighed. Liver samples were collected for palmitoyl-CoA, cell proliferation, and PFOS concentration analyses and for mitochondrial activity (Week 4 sacrifice only) and histopathology (Week 14 sacrifice only). Animals sacrificed during Week 4 were discarded after liver collection. During Week 53, 10 animals/sex/group from

Groups 1 and 5 were fasted overnight, bled for serum samples (five animals/sex/group), anesthetized with carbon dioxide, weighed, exsanguinated, and necropsied. The liver was weighed and liver samples were collected and frozen for analysis. Animals sacrificed during Weeks 14 and 53 had macroscopic observations recorded, selected organs weighed, and selected tissues collected and preserved. Adrenals, brain, eyes, kidneys, liver, mesenteric lymph node, pancreas, spleen, testes, and ovaries were processed and examined microscopically from animals sacrificed during Week 14 and on all tissues from the animals in Groups 1 and 5 that were necropsied during Week 53. Animals that died or were sacrificed at unscheduled intervals were also necropsied and microscopic examinations were done on selected tissues collected, but organ weights were not recorded. A blood film was taken for each animal sacrificed at unscheduled intervals and at the Week 53 interim sacrifice.

Proliferation Cell Nuclear Antigen (PCNA) Evaluation. During the Week 4 and 14 tissue collections from animals in Groups 1 through 5 (five animals/sex/group), representative samples of the left lateral lobe and any macroscopic lesions of the liver were collected and preserved in zinc formalin. Liver samples were fixed and embedded, and blocks were sent to Pathology Associates International (PAI); PAI will evaluate the samples (left lateral lobe only) for PCNA. In addition, liver sections will be stained with hematoxylin and eosin and examined microscopically.

Palmitoyl-CoA (PCoA) Oxidase Analyses. During the Week 4 and 14 tissue collections from animals in Groups 1 through 5 (five animals/sex/group), a sample (approximately 500 mg) of the right lateral lobe of the liver was collected and flash-frozen in liquid nitrogen. The samples were stored in a freezer set to maintain -60 to -80°C, until analyzed by Covance for PCoA oxidase activity.

PFOS Analysis. During the Week 4 and 14 tissue collections for animals in Groups 1 through 5 (five animals/sex/group) and Week 53 for animals in Groups 1 and 5 (five animals/sex/group), a portion of the remaining liver was flash-frozen in liquid nitrogen and stored in a freezer set to maintain -60 to -80°C, until sent to the Sponsor. The Sponsor will analyze the liver samples for PFOS and metabolites.

Mitochondrial Analyses. During the Week 4 tissue collections for animals in Groups 1 through 5, liver samples (approximately 1.5 g) were collected and analyzed by the Sponsor for mitochondrial activity.

Bromodeoxyuridine Immunohistochemistry. Seven days before the Week 53 interim sacrifice, osmotic pumps (ALZET® Model 2ML1) were surgically implanted from five animals/sex/group from Groups 1 and 5. The osmotic pumps were preloaded with approximately 2 mL of bromodeoxyuridine (BrdU) at a concentration of 20 mg/mL. The animals were anesthetized by administration of acepromazine-ketamine-xylazine, and one pump/animal was aseptically inserted subcutaneously (dorsal surface). The incision was closed with wound clips, and the animals were monitored during clinical observations until the time of sacrifice to ensure that there are no clinical signs of infection. One Group 5 male implanted with osmotic pump was sacrificed before the Week 53 sacrifice. At the Week 53 sacrifice, BrdU immunohistochemistry was performed by PAI on the livers and duodenum from the five animals/sex/group from Groups 1 and 5 that received BrdU. In addition, sections of the livers and duodenum from these animals were stained with hematoxylin and eosin and examined microscopically. Results will be provided for inclusion in the final report.

Results

Clinical Observations and Survival. Adjusted survival data are summarized in Table 1. Clinical observation data are summarized in Table 2. Survival after 53 weeks of treatment was 96.0%, 96.0%, 100%, 94.0%, 96.0%, and 100% for males in Groups 1, 2, 3, 4, 5, and 6, respectively, and 100%, 94.0%, 94.0%, 96.0%, 98.0%, and 98.0% for females in Groups 1, 2, 3, 4, 5, and 6, respectively.

There were no apparent test material-related clinical observations noted through Week 53.

Body Weights. Body weight and body weight change data are summarized in Tables 3 and 4. Males given 20.0 ppm had significantly lower mean body weights compared to those of animals given the control material during Weeks 9 through 53, and females given 20.0 ppm had significantly lower body weights compared to those of animals given the control material during Weeks 3 through 53. Mean body weights for males and females were similar in all the other treated groups compared to those of animals given the control

material. Males and females given 20.0 ppm gained less weight during the overall period from Weeks 1 through 53; the differences were statistically significant for the females. Animals at lower dose levels also had occasional statistically significant decreases in body weight gain; however, these occurrences were inconsistent over time between sexes and were not clearly dose related.

Food Consumption. Food consumption data are summarized in Table 5. Although not always statistically significant, males given 20.0 ppm tended to consume less food during Weeks 1 through 24. Food consumption was similar for males given 20.0 ppm compared to those of animals given the control material during Weeks 28 through 52. Statistically significantly lower food consumption was noted for females given 20.0 ppm during Weeks 2 through 44. Food consumption for males and females were similar in all the other treated groups compared to those of animals given the control material.

Test Material Consumption. Test material consumption data are summarized in Table 6. Animals were fed diets intended to provide 0, 0.5, 2.0, 5.0, 20.0 ppm. The amount of test material consumed by animals on a mg/kg of body weight/day basis was as follows:

Target Dose Levels (ppm)	Achieved Dose Levels - Range (mg/kg body weight/day)	
	Males	Females
0.5	0.017-0.057	0.022-0.052
2.0	0.071-0.226	0.095-0.213
5.0	0.174-0.570	0.237-0.559
20.0	0.714-2.205	1.069-2.149
20.0	0.732-2.336	1.047-2.160

Clinical and Anatomic Pathology. Hematology, clinical chemistry, urinalysis, and urine chemistry data are summarized in Tables 7 through 22. Terminal body weights, absolute organ weights, organ-to-body weight percentages, and organ-to-brain weight ratios are summarized in Tables 23 and 24. Incidences of macroscopic and microscopic observations are summarized in Tables 25 through 29.

The Pathology Report contains a discussion of the data.

Dose Analyses. Results of the homogeneity, stability, and dose preparation analyses are in Tables 30 through 32.

Several homogeneity analyses were conducted on each of several mixes in an attempt to resolve issues related to the inherent variability and lack of sufficient sensitivity in the analytical method for measuring (PFOS; T-6295). Mean values of the homogeneity analyses for the mix done on March 18, 1998, ranged from 119-135%, and 107-118% of the theoretical concentrations for the diets containing 0.5 and 20 ppm (PFOS; T-6295), respectively. Mean values of the homogeneity analyses for the mix done on April 16, 1998, ranged from 96.2-122%, 98.5-107%, 97.6-101%, and 90.0-101% of the theoretical concentrations for the diet containing 0.5, 2, 5, and 20 ppm (PFOS; T-6295), respectively. Mean values of the homogeneity analyses for the mix done on April 22, 1998, ranged from 93.5-103% of the theoretical concentrations for the diet containing 20 ppm (PFOS; T-6295). Mean values of the homogeneity analyses for the mix done on June 18, 1998, ranged from 91.0-175%, 111-130%, 99.6-102%, and 90.5-97.0% of the theoretical concentrations for the diet containing 0.5, 2, 5, and 20 ppm (PFOS; T-6295). These results indicate that the mixing procedure produced a homogeneous distribution of the test material in the dose preparations; although variability generally appeared slightly greater at the lower dietary concentrations.

Stability analyses were conducted prestudy in an attempt to resolve issues related to the inherent variability and lack of sufficient sensitivity at levels in the analytical method for measuring (PFOS; T-6295). Results of stability analyses for the mix conducted on March 18, 1998, of samples stored for 28 days at room temperature indicated that the mean concentrations were 78.8 %, 76.7%, 79.8% and 88.1% of the initial concentrations of 0.5, 1, 2, and 20 ppm, respectively. Results of stability analyses for the mix conducted on April 16, 1998, of samples stored for 33 days at room temperature indicated that the mean concentrations were 112.3%, 119.6%, 113.9% and 126.7% of the initial concentrations of 0.5, 1, 2, and 20 ppm, respectively.

The mean concentrations of the dose preparation analyses for all levels ranged from 44.4%-276% of the theoretical concentrations (including the reassay and retention sample analyses). Inherent variability and lack of sufficient sensitivity at low levels in the analytical method for measuring (PFOS; T-6295) resulted in homogeneity, stability, and routine analysis data that were in many cases outside of the standard limits of +/- 15%.

These results will be reevaluated in conjunction with the analytical results from the blood and liver level determinations when they are provided by the Sponsor.

PATHOLOGY REPORT

Week 14 and 53 Interim Sacrifices

SUMMARY

The purpose of this study is to assess the chronic toxicity and carcinogenicity of the test material, Perfluorooctane Sulfuric Acid Potassium Salt (PFOS) when administered in the diet to rats for at least 104 weeks. The test material is being administered at dose levels of 0.5, 2.0, 5.0, and 20.0 ppm. This interim report discusses findings through the first 53 weeks of study.

Dietary administration of PFOS for approximately 53 weeks was associated with mildly higher urea nitrogen for males and females fed 5.0 or 20.0 ppm; mildly lower glucose for males and females fed 20.0 ppm; mildly to moderately lower cholesterol for males and females fed 20.0 ppm; and mildly higher alanine aminotransferase for males fed 20.0 ppm. None of these effects were considered adverse. There was no effect on hepatic palmitoyl-CoA oxidase activity.

Terminal body weights in males and females at Week 14 were comparable between control and treated groups. At the Week 14 interim sacrifice, absolute and relative liver weights were significantly increased in the males given 20.0 ppm. In females given 20.0 ppm, only the liver-to-body weight percentage was significantly increased. Test material-related histomorphologic changes were limited to the liver in the males given 5.0 or 20.0 ppm and in the females given 20.0 ppm. The changes consisted of hypertrophy of hepatocytes in centrilobular areas in males and females, and midzonal to centrilobular hepatocytic vacuolation. The incidence and severity of the changes tended to be greater in the males.

At the Week 53 interim sacrifice, terminal body weights were significantly decreased in the females given 20 ppm. In the males, absolute and relative liver weights were increased in the group receiving 20 ppm. In addition, absolute and relative spleen weights were decreased in males given 20 ppm. There were no clear or consistent gross observations at the Week 53 sacrifice that could be attributed to the administration of the test material. At the Week 53 sacrifice, centrilobular hepatocytic hypertrophy and vacuolation was

increased in incidence and severity in the males given 20 ppm. In the females given 20 ppm, generally, only centrilobular hypertrophy was seen, and the change was less severe than that noted in the males. In addition, minimal to slight centrilobular hepatocytic pigment was found in the females given 20 ppm. There were no other histomorphologic changes that could be associated with the administration of the test material. Findings in livers in several unscheduled deaths given 20 ppm resembled those seen in animals sacrificed at Week 53.

METHODS

Six groups of Crl:CD¹(SD)IGS BR rats were studied using the following study design.

Group	Number of Animals		Dietary Levels (ppm T-6295)
	Male	Female	
1 (Control)	70	70	0
2 (Low)	60	60	0.5
3 (Mid)	60	60	2.0
4 (Mid-High)	60	60	5.0
5 (High)	70	70	20.0
6 (High Recovery)	40	40	20.0

During Weeks 4, 14, 27, and 53, blood and urine were collected for hematology, clinical chemistry, urinalysis, and urine chemistry tests from 10 animals/sex in Groups 1 through 5.

Five animals/sex in Groups 1 through 5 were sacrificed during Week 4; livers were collected and weighed. A portion of the liver was shipped to the Sponsor for PFOS analysis and mitochondrial activity, a portion was shipped to Pathology Associates International for hepatocellular proliferation rate measurements by proliferation cell nuclear antigen (PCNA), and a third portion was used for determination of palmitoyl-CoA oxidase activity. During Weeks 14 and 53, necropsies were performed on five and 10 animals/sex, respectively, in Groups 1 through 5. At necropsy, macroscopic observations were recorded, organ weights were obtained, and tissues were placed in fixative as specified by the protocol. In addition, liver samples were collected for PFOS analysis (Weeks 14 and 53), hepatocellular proliferation rate measurement [by PCNA at Week 14 and by bromodeoxyuridine (BrdU) immunohistochemistry at Week 53] and palmitoyl-CoA oxidase determination (Week 14). A section of duodenum was also

collected at Week 53 for BrdU immunohistochemistry. At unscheduled necropsies for animals that died or were sacrificed because of poor health, macroscopic observations were recorded, and tissues were placed in fixative, but organ weights were not obtained. Microscopic examinations were done on selected tissues (adrenals, brain, eyes, kidney, liver, mesenteric lymph node, pancreas, spleen, testes, and ovaries) from the animals necropsied during Week 14 and on all tissues from the animals in Groups 1, and 5 that were necropsied during Week 53. In addition, microscopic examinations were done on the tissues from animals that died or were sacrificed due to poor health.

Statistically significant differences cited in the Results and Discussion section are based on comparisons between the control and treated groups.

RESULTS AND DISCUSSION

Clinical Pathology

Weeks 4, 14, 27, and 53. There were relatively few statistically significant or otherwise notable differences for clinical pathology results between the control and treated groups. Those differences that were the most consistent over time were considered to be associated with administration of the test material. These included mildly higher urea nitrogen for males and females fed 5.0 or 20.0 ppm; mildly lower glucose for males and females fed 20.0 ppm; mildly to moderately lower cholesterol for males and females fed 20.0 ppm; and mildly higher alanine aminotransferase for males fed 20.0 ppm.

There were no correlative microscopic renal findings for the minor change in urea nitrogen. The findings for alanine aminotransferase, and possibly for glucose and cholesterol, were likely associated with the histopathological findings of hepatocellular hypertrophy and vacuolation. None of the clinical pathology effects were considered adverse.

Of uncertain relationship to the test material were statistically higher urea nitrogen for males fed 2.0 ppm and statistically lower glucose for females fed 2.0 or 5.0 ppm at Week 53. These findings were not as consistent over time as those considered to be effects of the test material, and the magnitudes of these differences were very small.

All other statistically significant differences for clinical pathology results between the control and treated groups were considered incidental. Most of these differences did not affect animals fed the highest dose level, and none of these differences were consistent over time.

Anatomical Pathology

Week 14, Terminal Body Weight and Organ Weights. Terminal body weights were comparable between control and treated groups. Absolute and relative liver weights were significantly increased in the males given 20.0 ppm. In females given 20.0 ppm, only the liver-to-body weight percentage was significantly increased. The absolute spleen weight was significantly decreased in the females given 20.0 ppm, as was the absolute lung weight in females given 2.0, 5.0, or 20.0 ppm. Spurious, significant increases in left thyroid/parathyroid-to-body weight percentages were seen in females given 5.0 or 20.0 ppm.

Macroscopic Observations. There were no macroscopic observations that could be attributed to the administration of the test material.

Microscopic Observations. Test material-related histomorphologic changes were limited to the liver in the males given 5.0 or 20.0 ppm and in the females given 20.0 ppm. The changes consisted of hypertrophy of hepatocytes in centrilobular areas and midzonal to centrilobular hepatocytic vacuolation. The incidence and severity of the changes tended to be greater in the males.

There were no potentially test material-related lesions in the remaining tissues examined.

Week 53 Interim Sacrifice, Body and Organ Weights. In the females, terminal body weights were significantly decreased in the group given 20 ppm. Terminal body weights in the males were comparable between control and treated groups.

In the males, absolute and relative liver weights were increased in the group receiving 20 ppm. In addition, absolute and relative spleen weights were decreased in males given 20 ppm. Significantly decreased left thyroid/parathyroid weights were considered to be spurious due to the absence of a contralateral effect.

In view of the significant decreased in body weight in females given 20ppm, significant increases in organ-to-body weight percentages for brain, kidney, liver, and spleen may be of no toxicological importance. Decreased absolute weights in the left adrenal gland and bilateral adrenal-to-brain weight ratios may also represent changes secondary to the body weight loss.

Macroscopic Observations. There were no clear or consistent gross observations at the Week 53 sacrifice that could be attributed to the administration of the test material.

Microscopic Observations. Centrilobular hepatocytic hypertrophy and vacuolation was increased in incidence and severity in the males given 20 ppm. In the females given 20 ppm, generally, only centrilobular hypertrophy was seen, and the change was less severe than that noted in the males. In addition, minimal to slight Centrilobular hepatocytic pigment was found in the females given 20 ppm. There were no other histomorphologic changes that could be associated with the administration of the test material.

Unscheduled Deaths Through Week 53

Large, mottled, or diffusely dark livers were noted in 2/3 males and 1/1 females given 20ppm. There were no other gross observations that could be attributed to the administration of the test material. Microscopically, several animals given 20 ppm exhibited liver changes that were similar or related to those seen at the Week 53 Interim Sacrifice.

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Date

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Date

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE 1

Summary of Adjusted Survival Data

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

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TABLE 1
Summary of Adjusted Survival Data

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

GROUP AND
DOSE LEVEL
(PPM)

WEEK:	48	49	50	51	52	53
MALE						
1 0	58/60	58/60	58/60	58/60	58/60	48/50
2 .500	48/50	48/50	48/50	48/50	48/50	48/50
3 2	50/50	50/50	50/50	50/50	50/50	50/50
4 5	50/50	50/50	50/50	50/50	49/50	47/50
5 20	58/60	58/60	58/60	58/60	57/60	48/51
6 20	40/40	40/40	40/40	40/40	40/40	40/40

[illegible]

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

GROUP AND DOSE LEVEL (PPM)	WEEK:	48	49	50	51	52	53
						FEMALE	
1 0		60/60	60/60	60/60	60/60	60/60	50/50
2 .500		48/50	48/50	47/50	47/50	47/50	47/50
3 2		47/50	47/50	47/50	47/50	47/50	47/50
4 5		49/50	49/50	49/50	49/50	48/50	48/50
5 20		59/60	59/60	59/60	59/60	59/60	49/50
6 20		39/40	39/40	39/40	39/40	39/40	39/40

Covance 6329-183
3M T-6295

Table 2

Summary of Clinical Observations

PAGE: 1

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371	CATEGORY KEYWORD QUALIFIER	NUMBER OF ANIMALS AFFECTED					
		SEX:		MALE			
		GROUP:	DOSE:	1	2	3	4
				5	20	20	6
		NUMBER:	70	60	60	60	70
							40
*** TOP OF LIST ***							
APPEARANCE							
	BENT TAIL		0	1	0	0	0
	CONVULSIONS		0	0	0	0	0
	HEAD TILT						
	LEFT		0	0	0	0	0
	RIGHT		0	0	0	0	0
	HUNCHED		0	0	0	1	0
	LIMITED USE						
	LIMB-HIND-LEFT		0	0	0	0	1
	LIMBS-HIND		0	0	0	0	2
	MALOCCLUSION		6	6	4	6	8
	MISSING						7
	TAIL-DISTAL		0	0	0	0	0
	TEETH		1	2	0	1	2
	PARALYSIS						1
	LIMBS-HIND		0	1	0	0	0
	SWOLLEN						
	LIMB-HIND-LEFT		0	0	0	0	1
	MOUTH		0	1	0	0	0
	NOSE		0	0	0	0	0
	PAW-HIND-LEFT		0	0	0	0	0
	TAIL-DISTAL		0	0	0	0	0
	VENTRAL-ABDOMINAL		0	0	0	1	0
	TESTES		0	0	1	0	0
	THIN		2	0	0	2	1

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3M T-6295

Table 2

Summary of Clinical Observations

PAGE: 2

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371		NUMBER OF ANIMALS AFFECTED						
		SEX:	-----MALE-----					
CATEGORY	GROUP:	1	2	3	4	5	6	
KEYWORD	DOSE:	0	0.5	2	5	20	20	
QUALIFIER	NUMBER:	70	60	60	60	70	40	

BEHAVIOR								
ATAXIC								
<UNSPECIFIED>		1	0	0	0	0	0	
CIRCLING								
RIGHT		0	0	0	0	0	0	
HYPOACTIVE								
<UNSPECIFIED>		0	0	0	1	0	0	
MILD		0	0	0	0	0	0	
SENSITIVE TO TOUCH								
COLD TO TOUCH		0	0	0	1	0	0	
LIMBS-HIND								
ENTIRE BODY		0	1	0	0	0	0	
		0	0	0	1	0	0	
DISCHARGE								
GENITAL								
RED IN COLOR		4	0	1	1	3	1	
CLEAR ORAL								
MILD		0	0	0	1	0	0	
NASAL								
RED IN COLOR		1	0	1	0	0	1	
UNKNOWN								
RED IN COLOR		0	0	2	0	0	0	
EXCRETION								
FEW FECES		1	1	0	3	2	0	

Table 2

Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371	NUMBER OF ANIMALS AFFECTED						
	SEX:	-----MALE-----					
CATEGORY	GROUP:	1	2	3	4	5	6
KEYWORD	DOSE:	0	0.5	2	5	20	20
QUALIFIER	NUMBER:	70	60	60	60	70	40

EXCRETION							
NO FECES		0	0	0	0	0	0
NONFORMED FECES		0	0	0	1	0	2
EYES							
CLEAR DISCHARGE							
EYE-LEFT		1	1	0	0	0	0
RED DISCHARGE							
EYE-LEFT		0	0	3	1	0	0
EYE-RIGHT		0	0	1	2	1	2
EYES		1	0	0	1	0	0
SCAB							
EYE-RIGHT		0	2	0	0	0	0
SQUINTED							
PERI-ORBITAL		0	0	0	0	0	0
RESPIRATION							
AUDIBLE		1	2	1	1	0	0
IRREGULAR		1	0	0	0	0	0
LABORED		0	2	0	1	0	0
SKIN & PELAGE							
ALOPECIA		0	0	0	0	0	0
BROWN HAIR COAT							
SCROTUM		1	0	0	0	0	0

Table 2

Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371				NUMBER OF ANIMALS AFFECTED						
				SEX:	-----MALE-----					
CATEGORY				GROUP:	1	2	3	4	5	6
KEYWORD				DOSE:	0	0.5	2	5	20	20
QUALIFIER				NUMBER:	70	60	60	60	70	40

SKIN & PELAGE										
BLACK SKIN										
	DORSAL				0	0	0	0	0	0
PALE										
	ENTIRE BODY				0	0	0	1	0	0
RED HAIR COAT										
	HEAD-ENTIRE				0	1	1	0	0	0
	HEAD-CRANIAL				0	0	0	0	0	0
	HEAD-MAXILLARY-LEFT				0	0	0	1	0	0
	HEAD-MAXILLARY-RIGHT				0	0	0	1	0	0
	ROUGH HAIR COAT				2	0	0	1	1	0
SORE/SCAB										
	AXILLARY REGION-LEFT				0	0	0	0	0	0
	DORSAL				0	0	0	0	0	1
	DORSAL-CERVICAL-LEFT				0	0	0	0	1	0
	DORSAL-CERVICAL-RIGHT				0	0	0	0	0	0
	DORSAL-THORACIC-LEFT				0	0	0	0	1	0
	DORSAL-THORACIC-RIGHT				0	0	0	0	0	0
	EAR-RIGHT				0	0	0	0	0	1
	HEAD-CRANIAL				0	0	0	0	0	0
	HEAD-MAXILLARY-LEFT				0	0	0	0	1	0
	HEAD-MAXILLARY-RIGHT				0	0	0	0	0	0
	LATERAL-CERVICAL-RIGHT				0	0	0	0	0	0
	LIMB-FRONT-RIGHT				0	0	0	1	1	0
	MOUTH				0	0	0	0	0	1
	PAW-HIND-LEFT				0	0	0	0	0	1

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Table 2

Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371		NUMBER OF ANIMALS AFFECTED						
		SEX:	-----MALE-----					
CATEGORY	GROUP:	1	2	3	4	5	6	
KEYWORD	DOSE:	0	0.5	2	5	20	20	
QUALIFIER	NUMBER:	70	60	60	60	70	40	

SKIN & PELAGE								
SORE/SCAB								
SHOULDER-RIGHT		1	0	0	0	0	0	
TAIL		0	0	0	0	0	0	
VENTRAL-ABDOMINAL		1	0	1	1	1	0	
VENTRAL-ABDOMINAL-LEFT		0	1	0	1	2	0	
VENTRAL-ABDOMINAL-RIGHT		0	1	0	0	2	0	
VENTRAL-CERVICAL		0	2	0	0	0	0	
VENTRAL-CERVICAL-LEFT		0	0	0	0	0	0	
VENTRAL-CERVICAL-RIGHT		0	0	0	0	0	0	
YELLOW HAIR COAT		1	0	0	0	0	0	
MASS(ES)								
AXILLARY REGION-LEFT								
WEEK 37		0	0	0	0	0	0	
WEEK 38		0	0	0	0	0	0	
WEEK 39		0	1	0	0	0	0	
WEEK 41		0	0	0	0	0	0	
WEEK 44		0	0	0	0	0	0	
WEEK 45		0	0	0	0	0	0	
WEEK 46		0	0	0	0	0	0	
WEEK 48		0	0	0	0	0	0	
WEEK 50		0	0	0	0	0	0	

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Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

		NUMBER OF ANIMALS AFFECTED					
		SEX:	-----MALE-----				
CATEGORY	GROUP:	1	2	3	4	5	6
KEYWORD	DOSE:	0	0.5	2	5	20	20
QUALIFIER	NUMBER:	70	60	60	60	70	40

WART LIKE LESION(S)							
DORSAL-CERVICAL							
WEEK 7		0	0	0	0	0	0
EAR-RIGHT							
WEEK 41		0	0	0	0	0	1
HEAD-MAXILLARY-LEFT							
WEEK 19		0	0	1	0	0	0
WEEK 31		0	1	0	0	0	0
MOUTH							
WEEK 46		0	0	0	0	0	0
WEEK 47		0	0	0	0	0	0
NOSE							
WEEK 46		0	0	0	0	0	0
VENTRAL-ABDOMINAL							
WEEK 40		0	0	0	1	0	0
VENTRAL-THORACIC-LEFT							
WEEK 46		0	0	1	0	0	0
SURGERY							
PERFORMED BY							
JOHN VAN BERKUM		1	0	0	0	2	0
KATHY EWERS		3	0	0	0	2	0
PATTIE MURPHY		1	0	0	0	1	0

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371	NUMBER OF ANIMALS AFFECTED						
	SEX:	-----MALE-----					
CATEGORY	GROUP:	1	2	3	4	5	6
KEYWORD	DOSE:	0	0.5	2	5	20	20
QUALIFIER	NUMBER:	70	60	60	60	70	40
ANTIBIOTIC							
ADMINISTERED							
0.5 ML		5	0	0	0	5	0
*** END OF LIST ***							

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Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371		NUMBER OF ANIMALS AFFECTED					
		SEX:	FEMALE				
CATEGORY	GROUP:	1	2	3	4	5	6
KEYWORD	DOSE:	0	0.5	2	5	20	20
QUALIFIER	NUMBER:	70	60	60	60	70	40

*** TOP OF LIST ***							
APPEARANCE							
BENT TAIL		0	0	0	0	0	0
CONVULSIONS		0	0	0	0	1	1
HEAD TILT							
LEFT		1	0	0	0	0	0
RIGHT		0	0	1	0	0	0
HUNCHED		0	0	1	0	0	1
LIMITED USE							
LIMB-HIND-LEFT		1	0	0	0	0	0
LIMBS-HIND		0	0	0	0	0	0
MALOCCLUSION		12	9	6	6	5	7
MISSING							
TAIL-DISTAL		0	0	1	0	0	0
TEETH		1	2	1	1	2	1
PARALYSIS							
LIMBS-HIND		0	0	0	0	0	0
SWOLLEN							
LIMB-HIND-LEFT		0	0	0	0	0	0
MOUTH		0	1	0	0	0	0
NOSE		0	0	0	1	0	0
PAW-HIND-LEFT		1	0	0	0	0	0
TAIL-DISTAL		0	0	1	0	0	0
VENTRAL-ABDOMINAL		0	0	0	0	0	0
TESTES		0	0	0	0	0	0
THIN		1	1	1	0	1	1

Table 2

Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371		NUMBER OF ANIMALS AFFECTED						
		SEX:	-----FEMALE-----					
CATEGORY	GROUP:	1	2	3	4	5	6	
KEYWORD	DOSE:	0	0.5	2	5	20	20	
QUALIFIER	NUMBER:	70	60	60	60	70	40	

BEHAVIOR								
ATAXIC								
<UNSPECIFIED>		0	0	1	0	0	0	
CIRCLING								
RIGHT		1	0	0	0	0	0	
HYPOACTIVE								
<UNSPECIFIED>		0	0	1	0	0	0	
MILD		0	0	1	0	0	0	
SENSITIVE TO TOUCH		1	0	0	0	0	0	
COLD TO TOUCH								
LIMBS-HIND		0	0	0	0	0	0	
ENTIRE BODY		0	0	0	0	0	0	
DISCHARGE								
GENITAL								
RED IN COLOR		0	0	0	0	0	1	
CLEAR ORAL								
MILD		0	0	0	0	0	0	
NASAL								
RED IN COLOR		2	1	0	0	0	0	
UNKNOWN								
RED IN COLOR		0	0	0	0	0	0	
EXCRETION								
FEW FECES		2	1	1	1	1	0	

Table 2
Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371		NUMBER OF ANIMALS AFFECTED					
		SEX:	-----FEMALE-----				
CATEGORY	GROUP:	1	2	3	4	5	6
KEYWORD	DOSE:	0	0.5	2	5	20	20
QUALIFIER	NUMBER:	70	60	60	60	70	40

EXCRETION							
NO FECES		0	0	1	0	0	1
NONFORMED FECES		2	0	0	0	0	0
EYES							
CLEAR DISCHARGE							
EYE-LEFT		0	0	0	0	0	0
RED DISCHARGE							
EYE-LEFT		0	0	0	0	1	1
EYE-RIGHT		0	1	0	2	0	1
EYES		0	0	0	0	0	1
SCAB							
EYE-RIGHT		0	0	0	0	0	0
SQUINTED							
PERI-ORBITAL		0	0	1	0	0	0
RESPIRATION							
AUDIBLE		0	0	2	0	0	0
IRREGULAR		0	0	0	0	0	0
LABORED		0	0	0	0	0	0
SKIN & PELAGE							
ALOPECIA		2	0	0	0	0	0
BROWN HAIR COAT							
SCROTUM		0	0	0	0	0	0

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Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371		NUMBER OF ANIMALS AFFECTED					
		SEX:	-----FEMALE-----				
CATEGORY	GROUP:	1	2	3	4	5	6
KEYWORD	DOSE:	0	0.5	2	5	20	20
QUALIFIER	NUMBER:	70	60	60	60	70	40

SKIN & PELAGE							
BLACK SKIN							
DORSAL		0	1	0	0	0	0
PALE							
ENTIRE BODY		0	1	1	0	1	0
RED HAIR COAT							
HEAD-ENTIRE		1	0	3	0	0	1
HEAD-CRANIAL		0	1	0	0	0	0
HEAD-MAXILLARY-LEFT		0	0	0	0	0	0
HEAD-MAXILLARY-RIGHT		0	0	0	0	0	0
ROUGH HAIR COAT		2	0	0	0	1	0
SORE/SCAB							
AXILLARY REGION-LEFT		0	1	0	0	0	0
DORSAL		0	1	0	0	0	0
DORSAL-CERVICAL-LEFT		0	0	0	0	0	0
DORSAL-CERVICAL-RIGHT		0	0	1	0	0	0
DORSAL-THORACIC-LEFT		0	0	0	0	0	0
DORSAL-THORACIC-RIGHT		2	0	0	0	0	0
EAR-RIGHT		0	0	0	0	0	0
HEAD-CRANIAL		0	0	1	0	0	0
HEAD-MAXILLARY-LEFT		0	0	0	0	0	0
HEAD-MAXILLARY-RIGHT		0	0	1	0	1	0
LATERAL-CERVICAL-RIGHT		0	1	0	0	0	0
LIMB-FRONT-RIGHT		0	0	0	0	0	0
MOUTH		1	0	0	0	1	1
PAW-HIND-LEFT		1	0	0	0	0	0

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Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371		NUMBER OF ANIMALS AFFECTED						
		SEX:	-----FEMALE-----					
CATEGORY	GROUP:	1	2	3	4	5	6	
KEYWORD	DOSE:	0	0.5	2	5	20	20	
QUALIFIER	NUMBER:	70	60	60	60	70	40	

SKIN & PELAGE								
SORE/SCAB								
SHOULDER-RIGHT		0	0	0	0	0	0	
TAIL		0	0	1	0	0	0	
VENTRAL-ABDOMINAL		0	0	0	0	1	0	
VENTRAL-ABDOMINAL-LEFT		0	1	0	0	0	0	
VENTRAL-ABDOMINAL-RIGHT		0	0	0	0	0	0	
VENTRAL-CERVICAL		0	0	0	0	0	0	
VENTRAL-CERVICAL-LEFT		0	1	0	0	0	0	
VENTRAL-CERVICAL-RIGHT		0	0	0	0	1	0	
YELLOW HAIR COAT		1	0	2	0	1	0	
MASS (ES)								
AXILLARY REGION-LEFT								
WEEK 37		0	0	1	0	0	0	
WEEK 38		0	1	0	0	0	0	
WEEK 39		0	0	0	0	0	0	
WEEK 41		0	0	0	1	0	0	
WEEK 44		0	0	1	0	0	0	
WEEK 45		0	1	1	0	0	0	
WEEK 46		1	0	0	0	0	0	
WEEK 48		3	0	0	0	0	0	
WEEK 50		0	2	0	0	0	1	

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Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371		NUMBER OF ANIMALS AFFECTED						
		SEX:	-----FEMALE-----					
CATEGORY	GROUP:	1	2	3	4	5	6	
KEYWORD	DOSE:	0	0.5	2	5	20	20	
QUALIFIER	NUMBER:	70	60	60	60	70	40	

MASS (ES)								
AXILLARY REGION-LEFT								
WEEK 51		0	0	1	0	0	0	
AXILLARY REGION-RIGHT								
WEEK 36		0	1	0	0	0	0	
WEEK 37		0	0	0	0	0	0	
WEEK 45		0	0	1	0	0	0	
WEEK 46		1	0	0	0	0	0	
WEEK 48		1	0	0	0	0	0	
WEEK 53		0	0	2	0	1	0	
DORSAL								
WEEK 11		0	1	0	0	0	0	
WEEK 29		0	1	0	0	0	0	
WEEK 49		0	0	0	0	0	0	
WEEK 51		0	0	0	0	0	0	
WEEK 53		0	0	0	0	0	0	
DORSAL-CERVICAL-LEFT								
WEEK 25		0	0	0	0	0	0	
EAR-LEFT								
WEEK 48		0	0	0	0	0	0	
EAR-RIGHT								
WEEK 47		0	0	0	0	0	0	
HEAD-MAXILLARY-RIGHT								
WEEK 43		1	0	0	0	0	0	
INGUINAL REGION-LEFT								
WEEK 43		0	0	1	0	0	0	

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Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371		NUMBER OF ANIMALS AFFECTED						
		SEX:	-----FEMALE-----					
CATEGORY	GROUP:	1	2	3	4	5	6	
KEYWORD	DOSE:	0	0.5	2	5	20	20	
QUALIFIER	NUMBER:	70	60	60	60	70	40	

MASS (ES)								
INGUINAL REGION-LEFT								
WEEK 46		0	0	1	0	0	0	
WEEK 48		0	0	1	0	0	1	
INGUINAL REGION-RIGHT								
WEEK 28		0	0	0	0	0	0	
WEEK 43		0	0	1	0	0	0	
WEEK 50		1	0	0	0	0	0	
LIMB-FRONT-LEFT								
WEEK 45		0	0	0	1	0	0	
LIMB-FRONT-RIGHT								
WEEK 47		0	0	0	0	0	0	
WEEK 51		0	0	0	0	0	0	
LIMB-HIND-RIGHT								
WEEK 47		0	0	0	1	0	0	
SHOULDER-LEFT								
WEEK 48		0	0	0	0	1	0	
SHOULDER-RIGHT								
WEEK 50		0	0	0	0	0	0	
TAIL								
WEEK 49		0	0	0	0	0	0	
VENTRAL-ABDOMINAL								
WEEK 15		1	0	0	0	0	0	
WEEK 27		0	0	0	0	0	0	
WEEK 29		0	0	0	0	0	0	
WEEK 30		1	0	0	0	0	0	

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

		NUMBER OF ANIMALS AFFECTED					
DAYS 1-371							
		SEX:	-----FEMALE-----				
CATEGORY	GROUP:	1	2	3	4	5	6
KEYWORD	DOSE:	0	0.5	2	5	20	20
QUALIFIER	NUMBER:	70	60	60	60	70	40

MASS (ES)							
VENTRAL-ABDOMINAL							
WEEK 36		1	0	0	0	0	0
WEEK 39		0	0	0	0	0	0
WEEK 41		2	0	0	0	0	0
WEEK 43		0	0	1	0	0	0
WEEK 45		0	0	0	0	0	0
WEEK 47		1	0	0	0	0	0
WEEK 53		0	0	1	0	0	0
VENTRAL-ABDOMINAL-LEFT							
WEEK 18		0	1	0	0	0	0
WEEK 30		0	0	0	0	0	0
WEEK 33		0	0	1	0	0	0
WEEK 34		1	0	0	0	0	0
WEEK 40		0	0	0	0	0	0
WEEK 42		0	0	0	1	0	0
WEEK 43		0	1	0	0	0	0
WEEK 44		0	0	0	0	0	0
WEEK 45		0	0	0	0	0	0
WEEK 46		0	0	0	0	0	0
WEEK 49		0	0	0	0	1	0
WEEK 50		0	0	1	0	0	0
WEEK 51		0	0	1	0	0	0
VENTRAL-ABDOMINAL-RIGHT							
WEEK 25		1	1	0	0	0	0
WEEK 38		1	0	0	0	0	0

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Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371		NUMBER OF ANIMALS AFFECTED					
		SEX:	FEMALE				
CATEGORY	GROUP:	1	2	3	4	5	6
KEYWORD	DOSE:	0	0.5	2	5	20	20
QUALIFIER	NUMBER:	70	60	60	60	70	40

MASS (ES)							
VENTRAL-ABDOMINAL-RIGHT							
WEEK 40		0	0	1	0	0	0
WEEK 44		0	0	0	0	0	0
WEEK 47		0	1	0	1	0	0
WEEK 48		1	1	0	0	0	0
WEEK 50		0	1	0	0	0	0
WEEK 53		1	0	0	0	1	0
VENTRAL-CERVICAL							
WEEK 37		0	0	0	0	0	0
WEEK 45		0	0	0	0	0	1
WEEK 53		0	0	2	0	1	0
VENTRAL-CERVICAL-LEFT							
WEEK 3		0	1	0	0	0	0
WEEK 21		0	1	0	0	0	0
WEEK 42		0	0	0	1	0	0
WEEK 47		1	0	0	0	0	0
VENTRAL-CERVICAL-RIGHT							
WEEK 47		0	1	0	0	0	0
VENTRAL-THORACIC							
WEEK 45		1	0	0	0	0	0
VENTRAL-THORACIC-LEFT							
WEEK 25		0	1	0	0	0	0
WEEK 47		0	0	0	0	1	0
VENTRAL-THORACIC-RIGHT							
WEEK 10		0	0	0	0	0	1

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Summary of Clinical Observations

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

DAYS 1-371		NUMBER OF ANIMALS AFFECTED						
		SEX:	-----FEMALE-----					
CATEGORY	GROUP:	1	2	3	4	5	6	
KEYWORD	DOSE:	0	0.5	2	5	20	20	
QUALIFIER	NUMBER:	70	60	60	60	70	40	

WART LIKE LESION(S)								
DORSAL-CERVICAL								
WEEK 7		0	0	1	0	0	0	
EAR-RIGHT								
WEEK 41		0	0	0	0	0	0	
HEAD-MAXILLARY-LEFT								
WEEK 19		0	0	0	0	0	0	
WEEK 31		0	0	0	0	0	0	
MOUTH								
WEEK 46		2	0	0	0	0	0	
WEEK 47		0	0	0	0	1	0	
NOSE								
WEEK 46		0	1	0	0	0	0	
VENTRAL-ABDOMINAL								
WEEK 40		0	0	0	0	0	0	
VENTRAL-THORACIC-LEFT								
WEEK 46		0	0	0	0	0	0	
SURGERY								
PERFORMED BY								
JOHN VAN BERKUM		2	0	0	0	2	0	
KATHY EWERS		0	0	0	0	1	0	
PATTIE MURPHY		3	0	0	0	2	0	

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

		NUMBER OF ANIMALS AFFECTED					
DAYS 1-371	SEX:	FEMALE					
	GROUP:	1	2	3	4	5	6
CATEGORY	DOSE:	0	0.5	2	5	20	20
KEYWORD	NUMBER:	70	60	60	60	70	40
QUALIFIER							

ANTIBIOTIC							
ADMINISTERED							
0.5 ML		5	0	0	0	5	0
*** END OF LIST ***							

Table 3

Summary of Body Weight Data (g)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

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DRAFT

WEEK	SEX: GROUP: DOSE: UNITS:	MALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
1	N	70	60	60	60	70	40
	MEAN	179	178	179	179	178	178
	S.D.	18.6	18.7	19.0	19.2	18.7	19.0
2	N	70	60	60	60	70	40
	MEAN	237	237	237	236	234	231
	S.D.	21.8	20.2	21.5	20.5	20.2	22.0
3	N	70	60	60	60	70	40
	MEAN	287	290	286	290	285	286
	S.D.	25.0	21.4	23.0	22.8	23.2	25.2
4	N	70	60	60	60	70	40
	MEAN	334	333	328	333	323	326
	S.D.	27.6	23.9	25.4	24.3	25.0	28.0
5	N	65	55	55	55	65	40
	MEAN	367	370	367	367	361	363
	S.D.	31.4	27.1	28.4	27.9	28.1	31.4
6	N	65	55	55	55	65	40
	MEAN	399	402	397	399	390	394
	S.D.	34.3	30.8	30.3	30.4	30.2	34.6
7	N	65	55	55	55	65	40
	MEAN	419	428	418	425	413	415
	S.D.	35.1	33.3	31.8	32.2	32.7	36.8

Table 3

Summary of Body Weight Data (g)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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WEEK	SEX: GROUP: DOSE: UNITS:	-MALE-					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
8	N	65	55	55	55	65	40
	MEAN	448	450	443	448	432	436
	S.D.	37.8	35.7	35.9	35.1	34.2	40.8
9	N	65	55	55	55	65	40
	MEAN	464	463	450	466	446*	446
	S.D.	41.6	37.7	38.2	36.8	36.4	41.0
10	N	65	55	55	55	65	40
	MEAN	481	483	473	479	465	466
	S.D.	43.1	39.8	40.7	36.9	37.2	42.2
11	N	65	55	55	55	65	40
	MEAN	499	502	479*	494	474*	473*
	S.D.	45.2	42.1	42.6	38.5	38.5	45.2
12	N	65	55	55	55	65	40
	MEAN	509	512	494	507	485*	483*
	S.D.	46.8	43.9	44.3	40.4	41.5	46.4
13	N	65	55	55	55	65	40
	MEAN	517	518	508	514	493*	491*
	S.D.	48.0	45.6	47.5	42.5	43.2	49.1
14	N	65	55	55	55	65	40
	MEAN	528	534	517	527	504*	501*
	S.D.	51.1	47.3	49.4	44.4	46.1	50.4

Table 3
Summary of Body Weight Data (g)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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WEEK	SEX: GROUP: DOSE: UNITS:	MALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
15	N	60	50	50	50	60	40
	MEAN	535	542	531	535	513*	510*
	S.D.	51.9	48.2	49.0	45.5	47.5	51.2
16	N	60	50	50	50	60	40
	MEAN	549	553	542	550	523*	517*
	S.D.	53.5	49.9	50.0	46.5	49.3	52.3
17	N	60	50	50	50	60	40
	MEAN	556	559	551	557	526*	521*
	S.D.	55.4	50.5	51.0	47.8	49.8	52.9
21	N	60	49	50	50	60	40
	MEAN	580	594	582	581	546*	544*
	S.D.	62.1	57.5	57.5	53.2	57.2	59.2
25	N	59	49	50	50	60	40
	MEAN	609	621	611	604	567*	566*
	S.D.	67.8	63.0	61.0	56.7	62.9	65.8
29	N	59	49	50	50	60	40
	MEAN	644	654	640	632	595*	595*
	S.D.	76.0	66.6	67.4	62.5	69.0	69.8
33	N	59	49	50	50	60	40
	MEAN	669	683	666	653	619*	620*
	S.D.	79.5	71.0	70.4	68.8	76.6	75.1

Table 3
Summary of Body Weight Data (g)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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WEEK	SEX: GROUP: DOSE: UNITS:	MALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 40 PPM
37	N	59	49	50	50	59	40
	MEAN	691	700	687	676	644*	644*
	S.D.	83.5	77.8	73.8	73.6	84.7	81.8
41	N	59	48	50	50	59	40
	MEAN	699	716	702	690	663	657
	S.D.	87.9	81.8	78.2	77.6	92.5	89.6
45	N	59	48	50	50	59	40
	MEAN	715	735	721	709	676	674
	S.D.	95.8	87.8	80.4	82.3	100.7	97.6
49	N	58	48	50	50	58	40
	MEAN	736	759	740	726	699	697
	S.D.	97.2	89.5	83.5	88.9	108.3	104.3
53	N	58	48	50	48	57	40
	MEAN	749	770	753	742	713	712
	S.D.	103.5	91.7	86.2	97.1	115.0	109.2

Table 3
Summary of Body Weight Data (g)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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WEEK	SEX: GROUP: DOSE: UNITS:	FEMALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
1	N	70	60	60	60	70	40
	MEAN	154	154	155	154	153	155
	S.D.	11.1	10.4	10.0	10.1	11.1	11.8
2	N	70	60	60	60	70	40
	MEAN	183	180	176	180	177	178
	S.D.	14.6	15.0	14.2	13.2	13.5	14.8
3	N	70	60	60	60	70	40
	MEAN	207	204	199*	204	199*	198*
	S.D.	18.6	17.4	15.7	15.5	16.2	15.8
4	N	70	60	60	60	70	40
	MEAN	224	222	217	218	215*	214
	S.D.	22.1	21.2	18.9	19.1	17.4	18.8
5	N	65	55	55	55	65	40
	MEAN	237	236	232	232	224*	227
	S.D.	23.6	22.9	20.1	20.0	17.4	19.4
6	N	65	55	55	55	65	40
	MEAN	248	250	245	244	233*	235*
	S.D.	25.3	25.0	21.6	21.1	19.6	19.8
7	N	65	55	55	55	65	40
	MEAN	254	257	251	250	236*	240*
	S.D.	27.7	27.1	20.0	21.7	20.1	18.8

Table 3
Summary of Body Weight Data (g)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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WEEK	SEX: GROUP: DOSE: UNITS:	FEMALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
8	N	65	55	55	55	65	40
	MEAN	266	269	262	263	247*	250*
	S.D.	30.0	28.1	23.0	24.4	20.2	21.0
9	N	65	55	55	55	65	40
	MEAN	268	273	263	264	245*	247*
	S.D.	31.4	30.2	21.7	25.3	22.0	22.1
10	N	65	55	54	55	65	40
	MEAN	279	283	271	275	253*	254*
	S.D.	33.5	31.7	23.7	27.2	22.4	22.0
11	N	65	55	54	55	65	40
	MEAN	281	291	277	277	258*	255*
	S.D.	33.8	33.1	23.8	25.8	22.6	22.6
12	N	65	55	54	55	65	40
	MEAN	290	292	278	279	257*	259*
	S.D.	37.0	34.5	23.6	27.5	21.1	23.0
13	N	65	55	54	55	65	40
	MEAN	295	296	284	285	261*	262*
	S.D.	38.9	35.3	24.4	29.1	22.7	23.2
14	N	65	55	54	55	65	40
	MEAN	300	303	292	292	265*	266*
	S.D.	40.1	37.6	24.5	31.7	23.3	23.6

Table 3
Summary of Body Weight Data (g)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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WEEK	SEX: GROUP: DOSE: UNITS:	FEMALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
15	N	60	50	49	50	60	40
	MEAN	302	304	294	298	266*	269*
	S.D.	42.2	36.7	26.4	33.3	22.0	23.7
16	N	60	50	49	50	60	40
	MEAN	307	310	298	303	268*	271*
	S.D.	43.9	39.1	28.2	33.8	23.1	24.3
17	N	60	50	49	50	60	40
	MEAN	307	311	303	305	272*	273*
	S.D.	43.9	38.3	26.5	34.9	23.6	25.0
21	N	60	50	49	50	60	40
	MEAN	316	322	314	313	280*	280*
	S.D.	44.8	40.2	29.9	38.2	24.1	26.5
25	N	60	50	49	50	60	40
	MEAN	331	335	324	328	290*	291*
	S.D.	50.9	45.6	30.7	42.2	27.8	29.6
29	N	60	50	49	50	60	40
	MEAN	342	347	338	342	298*	301*
	S.D.	52.8	50.0	36.1	47.2	30.2	32.5
33	N	60	50	49	49	60	40
	MEAN	358	362	356	353	310*	312*
	S.D.	58.0	55.0	40.7	46.8	32.8	36.8

Covance 6329-183
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Summary of Body Weight Data (g)104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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WEEK	SEX: GROUP: DOSE: UNITS:	FEMALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
37	N	60	49	49	49	60	40
	MEAN	373	375	371	365	319*	321*
	S.D.	64.8	56.7	43.4	47.3	36.6	39.8
41	N	60	49	49	49	59	40
	MEAN	389	393	385	378	328*	329*
	S.D.	69.4	62.4	50.0	49.8	38.3	46.5
45	N	60	48	49	49	59	39
	MEAN	409	413	396	394	339*	346*
	S.D.	73.3	63.6	59.8	51.1	41.0	48.0
49	N	60	48	47	49	59	39
	MEAN	422	424	415	407	351*	356*
	S.D.	74.5	66.3	55.7	55.1	45.5	50.0
53	N	60	47	47	48	59	39
	MEAN	427	435	428	422	358*	366*
	S.D.	78.8	71.8	61.2	56.5	48.3	52.6

Table 4

Summary of Body Weight Change Data (g)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

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WEEK	SEX: GROUP: DOSE: UNITS:	MALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
1-2	N	70	60	60	60	70	40
	MEAN	58	59	58	57	57	53*
	S.D.	5.8	5.6	5.2	4.4	5.9	6.4
2-3	N	70	60	60	60	70	40
	MEAN	50	53*	48	55*	50	56*
	S.D.	6.5	6.2	6.2	7.5	6.2	7.2
3-4	N	70	60	60	60	70	40
	MEAN	47	42*	43*	43*	38*	40*
	S.D.	6.8	8.0	7.6	6.8	6.6	7.3
4-5	N	65	55	55	55	65	40
	MEAN	34	38*	38*	34	37	37
	S.D.	7.6	6.3	6.8	8.2	5.6	5.8
5-6	N	65	55	55	55	65	40
	MEAN	32	32	30	32	29	30
	S.D.	6.2	7.0	5.7	5.3	5.1	6.0
6-7	N	65	55	55	55	65	40
	MEAN	20	26*	21	26*	23	21
	S.D.	6.5	5.9	6.3	5.8	7.5	5.3
7-8	N	65	55	55	55	65	40
	MEAN	29	22*	25*	23*	20*	21*
	S.D.	5.8	6.7	7.2	6.7	5.5	10.4

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Table 4

Summary of Body Weight Change Data (g)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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WEEK	SEX: GROUP: DOSE: UNITS:	MALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
8-9	N	65	55	55	55	65	40
	MEAN	17	13	7*	18	13	9*
	S.D.	11.0	6.1	5.8	4.7	7.9	9.0
9-10	N	65	55	55	55	65	40
	MEAN	16	20*	23*	13*	20*	20*
	S.D.	5.7	4.7	6.5	4.0	5.3	5.0
10-11	N	65	55	55	55	65	40
	MEAN	18	19	6*	15*	9*	8*
	S.D.	5.3	5.1	6.9	6.8	6.5	5.8
11-12	N	65	55	55	55	65	40
	MEAN	10	10	15*	13*	10	10
	S.D.	8.2	4.2	9.3	6.0	5.6	4.3
12-13	N	65	55	55	55	65	40
	MEAN	9	6*	14*	7	8	8
	S.D.	5.8	5.5	6.8	5.1	4.7	5.4
13-14	N	65	55	55	55	65	40
	MEAN	11	16*	9	13	11	10
	S.D.	5.4	4.7	4.4	4.3	7.1	5.8
14-15	N	60	50	50	50	60	40
	MEAN	7	6	9	11*	8	9
	S.D.	5.8	6.5	4.7	5.7	4.5	5.1

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Table 4

Summary of Body Weight Change Data (g)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
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SEX: -----		-----MALE-----					
WEEK	GROUP:	1	2	3	4	5	6
	DOSE:	0	0.5	2	5	20	20
	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
15-16	N	60	50	50	50	60	40
	MEAN	14	11*	11*	14	10*	8*
	S.D.	4.7	5.6	4.7	3.9	4.6	4.6
16-17	N	60	50	50	50	60	40
	MEAN	7	7	9	8	3*	4*
	S.D.	5.3	4.6	4.6	4.2	5.5	4.7
17-21	N	60	49	50	50	60	40
	MEAN	25	34*	30*	23	20	22
	S.D.	12.0	10.5	11.3	11.6	11.4	10.4
21-25	N	59	49	50	50	60	40
	MEAN	28	27	30	23	21*	22*
	S.D.	9.9	12.9	10.5	9.9	9.9	12.1
25-29	N	59	49	50	50	60	40
	MEAN	35	34	29*	28*	28*	30
	S.D.	13.0	13.5	10.3	9.6	11.7	7.7
29-33	N	59	49	50	50	60	40
	MEAN	26	29	25	20*	24	25
	S.D.	10.2	10.7	8.9	12.1	12.4	9.7
33-37	N	59	49	50	50	59	40
	MEAN	21	17	21	23	26	24
	S.D.	10.3	23.1	13.0	9.8	11.9	11.8

Table 4

Summary of Body Weight Change Data (g)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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		MALE					
WEEK	SEX: GROUP: DOSE: UNITS:	1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
37-41	N	59	48	50	50	59	40
	MEAN	8	13	15*	15*	19*	13
	S.D.	12.5	11.9	10.6	14.2	11.7	11.4
41-45	N	59	48	50	50	59	40
	MEAN	16	19	19	19	13	16
	S.D.	19.8	10.2	8.6	12.4	14.1	10.9
45-49	N	58	48	50	50	58	40
	MEAN	20	24	19	17	21	24
	S.D.	15.6	8.9	9.7	12.9	13.8	9.6
49-53	N	58	48	50	48	57	40
	MEAN	13	11	13	12	14	15
	S.D.	15.9	15.0	8.9	28.3	13.2	10.3
1-53	N	58	48	50	48	57	40
	MEAN	570	593	573	562	535	534
	S.D.	100.0	91.6	83.0	96.0	112.8	104.9

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Table 4

Summary of Body Weight Change Data (g)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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WEEK	SEX: GROUP: DOSE: UNITS:	FEMALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
1-2	N	70	60	60	60	70	40
	MEAN	29	26*	21*	26*	25*	23*
	S.D.	6.7	7.5	6.9	6.3	7.2	6.1
2-3	N	70	60	60	60	70	40
	MEAN	24	24	23	24	22	20*
	S.D.	7.0	6.6	6.3	6.5	7.0	7.4
3-4	N	70	60	60	60	70	40
	MEAN	17	18	18	14	16	16
	S.D.	7.8	7.0	6.9	7.3	7.6	8.2
4-5	N	65	55	55	55	65	40
	MEAN	14	14	15	15	9*	13
	S.D.	7.2	7.9	8.2	7.8	7.4	7.2
5-6	N	65	55	55	55	65	40
	MEAN	11	14	13	12	9	8*
	S.D.	6.5	6.3	5.4	6.9	5.7	5.8
6-7	N	65	55	55	55	65	40
	MEAN	6	6	6	6	3*	5
	S.D.	5.8	7.4	5.9	7.3	5.0	6.0
7-8	N	65	55	55	55	65	40
	MEAN	13	12	11	13	11	10
	S.D.	6.8	5.0	7.4	6.0	4.9	5.1

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Summary of Body Weight Change Data (g)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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WEEK	SEX: GROUP: DOSE: UNITS:	FEMALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
8-9	N	65	55	55	55	65	40
	MEAN	2	4	2	1	-2*	-3*
	S.D.	6.0	6.2	4.9	6.2	4.6	4.6
9-10	N	65	55	54	55	65	40
	MEAN	11	10	8*	11	8*	7*
	S.D.	6.3	6.8	5.8	6.8	6.6	5.5
10-11	N	65	55	54	55	65	40
	MEAN	2	8*	6*	2	5*	0
	S.D.	5.1	5.7	5.8	5.7	5.6	4.9
11-12	N	65	55	54	55	65	40
	MEAN	9	1*	1*	2*	-1*	4*
	S.D.	6.3	6.6	5.7	6.0	5.8	4.6
12-13	N	65	55	54	55	65	40
	MEAN	5	4	7	6	3	3
	S.D.	7.0	5.3	5.9	4.8	5.3	5.0
13-14	N	65	55	54	55	65	40
	MEAN	5	7	8*	7	4	5
	S.D.	7.0	5.3	5.1	5.5	5.1	4.3
14-15	N	60	50	49	50	60	40
	MEAN	4	3	2	4	1	2
	S.D.	5.8	6.5	6.0	6.4	5.4	3.8

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Summary of Body Weight Change Data (g)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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WEEK	SEX: GROUP: DOSE: UNITS:	FEMALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
15-16	N	60	50	49	50	60	40
	MEAN	4	6	4	5	3	3
	S.D.	4.4	5.3	5.7	5.6	5.3	4.1
16-17	N	60	50	49	50	60	40
	MEAN	0	1	4*	3	4*	2
	S.D.	6.5	4.8	7.0	6.2	4.5	5.1
17-21	N	60	50	49	50	60	40
	MEAN	9	11	11	7	8	7
	S.D.	8.1	6.7	10.6	8.9	6.6	6.9
21-25	N	60	50	49	50	60	40
	MEAN	15	13	10*	16	9*	11
	S.D.	9.2	9.9	11.3	9.3	9.0	5.5
25-29	N	60	50	49	50	60	40
	MEAN	12	12	15	14	9	9
	S.D.	7.8	9.8	11.9	9.9	8.0	7.6
29-33	N	60	50	49	49	60	40
	MEAN	16	15	18	13	12	12
	S.D.	10.8	13.1	13.8	10.0	9.7	9.6
33-37	N	60	49	49	49	60	40
	MEAN	15	15	14	12	9*	9
	S.D.	12.9	12.2	9.9	9.9	8.2	10.5

Table 4
Summary of Body Weight Change Data (g)

PAGE: 8

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

WEEK	SEX: GROUP: DOSE: UNITS:	FEMALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
37-41	N	60	49	49	49	59	40
	MEAN	16	18	14	13	10*	8*
	S.D.	10.5	13.7	18.0	8.9	9.3	16.7
41-45	N	60	48	49	49	59	39
	MEAN	19	18	11	17	11*	14*
	S.D.	9.8	13.0	33.2	12.4	7.5	10.1
45-49	N	60	48	47	49	59	39
	MEAN	13	11	13	13	12	10
	S.D.	16.3	9.0	8.8	11.6	9.3	8.9
49-53	N	60	47	47	48	59	39
	MEAN	5	11*	13*	14*	7	10
	S.D.	20.8	10.6	11.1	10.4	10.5	7.3
1-53	N	60	47	47	48	59	39
	MEAN	273	282	274	268	206*	211*
	S.D.	73.5	66.7	57.9	51.4	46.0	48.6

Table 5
Summary of Food Consumption Data (g)

PAGE: 1

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

WEEK	SEX: GROUP: DOSE: UNITS:	MALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
1	N	69	56	60	59	69	39
	MEAN	167	165	165	164	158*	166
	S.D.	13.3	11.5	14.1	13.2	11.6	14.2
2	N	62	54	58	54	69	37
	MEAN	177	173	173	172	167*	172
	S.D.	13.9	12.9	13.9	13.4	13.8	17.2
3	N	68	52	56	57	70	38
	MEAN	184	183	181	182	178	181
	S.D.	12.9	13.0	14.1	13.4	15.2	16.0
4	N	60	47	49	48	62	38
	MEAN	191	188	184	177*	176*	184
	S.D.	16.5	13.7	19.3	15.0	14.7	17.4
5	N	62	50	50	49	64	40
	MEAN	191	193	186	185	183*	187
	S.D.	16.1	16.1	16.7	16.3	15.6	18.7
6	N	56	43	46	49	65	38
	MEAN	192	191	187	186	181*	185
	S.D.	15.1	17.3	15.9	16.4	15.9	17.6
7	N	59	42	47	45	60	37
	MEAN	193	195	183*	187	183*	184
	S.D.	15.6	18.3	18.8	17.2	15.4	19.9

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Table 5

Summary of Food Consumption Data (g)

PAGE: 2

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

WEEK	SEX: GROUP: DOSE: UNITS:	-MALE-					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
8	N	54	45	47	43	60	34
	MEAN	189	193	188	185	178*	181
	S.D.	19.2	17.9	17.7	15.3	18.0	19.7
9	N	59	47	51	46	60	32
	MEAN	190	190	183	190	175*	182
	S.D.	18.0	16.9	17.4	15.5	17.0	17.8
10	N	59	48	46	48	59	38
	MEAN	188	189	188	183	177*	185
	S.D.	18.0	17.6	17.2	15.6	15.1	19.1
11	N	60	46	48	45	59	38
	MEAN	188	189	183	185	179*	182
	S.D.	16.8	18.3	17.7	15.7	17.8	18.9
12	N	57	51	52	49	61	39
	MEAN	189	189	184	185	180	178*
	S.D.	20.1	18.5	20.5	16.7	21.1	18.6
13	N	60	52	54	52	63	37
	MEAN	185	187	187	185	180	178
	S.D.	19.2	17.4	16.8	18.8	19.6	21.0
14	N	59	49	48	45	57	38
	MEAN	184	186	188	182	178	184
	S.D.	17.4	19.0	18.9	17.0	16.0	20.8

Table 5
Summary of Food Consumption Data (g)

PAGE: 3

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

WEEK	SEX: GROUP: DOSE: UNITS:	MALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
15	N MEAN S.D.	58 190 16.7	47 188 18.8	47 191 16.0	45 187 14.7	56 182 17.1	40 185 18.7
16	N MEAN S.D.	57 190 16.5	49 191 17.3	48 192 14.0	49 191 19.5	59 183 17.6	38 183 18.6
20	N MEAN S.D.	58 192 19.7	46 195 17.9	49 194 16.1	47 188 20.9	57 184 18.3	38 184 21.3
24	N MEAN S.D.	58 184 20.1	48 188 20.1	49 192 18.6	50 184 20.2	60 178 20.3	39 178 21.5
28	N MEAN S.D.	56 183 20.4	46 185 15.6	48 185 17.5	46 181 16.3	59 180 18.7	36 180 17.8
32	N MEAN S.D.	58 177 16.8	45 184 14.4	48 184 15.3	47 182 17.4	59 182 19.3	35 179 18.7
36	N MEAN S.D.	59 183 17.9	48 181 28.3	50 181 16.6	50 183 19.9	58 183 21.1	39 181 23.0

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Summary of Food Consumption Data (g)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

WEEK	SEX: GROUP: DOSE: UNITS:	MALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
40	N	58	46	48	48	58	39
	MEAN	184	184	186	187	187	182
	S.D.	19.1	19.1	16.2	20.3	22.5	22.7
44	N	58	48	49	47	55	39
	MEAN	182	188	185	186	184	188
	S.D.	24.9	21.0	14.7	20.0	20.7	23.9
48	N	57	48	48	47	55	37
	MEAN	184	191	186	185	184	185
	S.D.	20.2	18.5	18.8	18.3	20.8	18.3
52	N	54	46	48	44	54	37
	MEAN	176	185	186	181	178	179
	S.D.	27.6	17.8	17.3	27.5	22.4	20.9

Table 5

Summary of Food Consumption Data (g)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

WEEK	SEX: GROUP: DOSE: UNITS:	FEMALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
1	N	55	55	48	55	62	35
	MEAN	129	120*	123	130	124	125
	S.D.	11.9	12.0	14.3	13.5	11.2	12.4
2	N	62	48	51	47	62	34
	MEAN	140	133	131*	136	130*	126*
	S.D.	16.9	16.5	17.8	19.6	13.8	12.7
3	N	54	49	51	55	57	33
	MEAN	144	142	140	141	131*	129*
	S.D.	16.8	17.0	17.6	14.9	14.7	13.3
4	N	47	44	41	45	58	33
	MEAN	140	137	142	138	126*	128*
	S.D.	15.9	17.5	20.1	18.3	12.5	14.0
5	N	50	48	43	45	55	33
	MEAN	146	146	144	144	135*	130*
	S.D.	18.5	17.6	14.2	19.3	14.0	11.4
6	N	45	40	35	42	55	31
	MEAN	138	142	137	134	124*	124*
	S.D.	18.6	23.3	20.3	17.3	11.4	13.1
7	N	54	49	45	46	53	36
	MEAN	138	142	133	136	126*	123*
	S.D.	17.0	17.1	12.2	16.3	10.7	12.0

Table 5
Summary of Food Consumption Data (g)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

WEEK	SEX: GROUP: DOSE: UNITS:	FEMALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
8	N	46	38	43	42	54	31
	MEAN	138	138	136	135	123*	121*
	S.D.	18.5	15.9	11.3	15.5	14.7	12.6
9	N	55	48	41	46	56	36
	MEAN	140	135	132	134	122*	125*
	S.D.	18.8	15.2	17.0	17.3	12.6	17.5
10	N	53	45	39	45	53	34
	MEAN	141	135	134	135	124*	125*
	S.D.	18.2	16.0	11.0	13.8	10.0	14.4
11	N	56	52	46	48	55	38
	MEAN	138	134	133	134	122*	125*
	S.D.	21.7	15.5	13.4	16.0	10.2	14.8
12	N	52	43	39	48	58	35
	MEAN	138	133	137	136	127*	123*
	S.D.	20.1	15.7	17.6	21.5	18.8	11.7
13	N	56	46	47	49	59	35
	MEAN	133	135	131	131	122*	125
	S.D.	17.7	17.7	13.1	20.1	18.4	16.8
14	N	53	40	37	40	54	32
	MEAN	131	129	133	125	119*	122*
	S.D.	20.4	18.0	13.4	11.3	11.3	8.5

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Table 5

Summary of Food Consumption Data (g)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

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SEX:		-----FEMALE-----					
WEEK	GROUP:	1	2	3	4	5	6
	DOSE:	0	0.5	2	5	20	20
	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM

15	N	53	49	43	45	57	39
	MEAN	133	134	135	133	124*	125
	S.D.	17.1	15.9	14.9	16.2	13.6	17.7
16	N	54	44	41	45	56	34
	MEAN	133	135	136	133	124*	124
	S.D.	19.4	18.1	15.3	15.6	12.2	15.0
20	N	50	46	42	44	49	28
	MEAN	139	134	136	138	128*	131
	S.D.	19.0	16.0	16.2	18.8	12.8	14.2
24	N	53	44	44	47	54	32
	MEAN	134	132	136	132	123*	122*
	S.D.	18.9	18.7	17.6	20.0	14.0	13.3
28	N	56	48	45	48	56	40
	MEAN	132	133	141	132	122*	121*
	S.D.	15.7	24.7	20.5	18.7	20.4	18.9
32	N	58	47	45	45	58	40
	MEAN	136	134	139	134	124*	127
	S.D.	18.4	26.5	15.5	17.9	17.4	17.7
36	N	55	49	46	47	58	39
	MEAN	135	135	137	133	124*	123*
	S.D.	17.9	20.9	15.3	17.8	16.1	14.9

Table 5
Summary of Food Consumption Data (g)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

WEEK	SEX: GROUP: DOSE: UNITS:	FEMALE					
		1 0 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
40	N	56	44	48	47	56	38
	MEAN	139	139	142	138	135*	130
	S.D.	20.3	15.6	20.6	17.6	20.7	14.7
44	N	56	45	45	47	53	38
	MEAN	137	134	137	134	126*	128
	S.D.	17.8	19.3	18.6	20.7	17.1	15.9
48	N	58	48	47	47	57	38
	MEAN	134	133	142	141	133	130
	S.D.	23.6	19.5	16.6	17.8	20.0	13.3
52	N	57	45	46	45	57	38
	MEAN	133	134	141	139	133	133
	S.D.	24.0	20.5	19.8	22.2	21.9	14.0

Table 6

Summary of Test Material Consumption Data (mg/kg/day)

PAGE: 1

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

WEEK	SEX: GROUP: DOSE: UNITS:	MALE					FEMALE				
		2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
1	N	56	60	59	69	39	55	48	55	62	35
	MEAN	0.057	0.226	0.570	2.205	2.336	0.052	0.213	0.559	2.149	2.160
	S.D.	0.004	0.015	0.041	0.156	0.170	0.004	0.020	0.046	0.141	0.178
2	N	54	58	54	69	37	48	51	47	62	34
	MEAN	0.047	0.189	0.471	1.846	1.907	0.050	0.200	0.506	1.965	1.929
	S.D.	0.003	0.012	0.031	0.115	0.118	0.005	0.019	0.055	0.162	0.164
3	N	52	56	57	70	38	49	51	55	57	33
	MEAN	0.042	0.169	0.420	1.675	1.701	0.048	0.194	0.481	1.805	1.792
	S.D.	0.002	0.010	0.026	0.097	0.097	0.003	0.026	0.038	0.157	0.126
4	N	47	49	48	62	38	44	41	45	58	33
	MEAN	0.038	0.151	0.364	1.477	1.531	0.043	0.180	0.440	1.646	1.656
	S.D.	0.002	0.011	0.020	0.081	0.086	0.003	0.018	0.049	0.121	0.142
5	N	50	50	49	64	40	48	43	45	55	33
	MEAN	0.036	0.139	0.346	1.394	1.408	0.043	0.170	0.431	1.669	1.613
	S.D.	0.002	0.007	0.019	0.072	0.073	0.003	0.011	0.036	0.137	0.113
6	N	43	46	49	65	38	40	35	42	55	31
	MEAN	0.033	0.132	0.325	1.287	1.307	0.040	0.157	0.390	1.502	1.488
	S.D.	0.002	0.007	0.017	0.065	0.068	0.005	0.019	0.034	0.106	0.107
7	N	42	47	45	60	37	49	45	46	53	36
	MEAN	0.032	0.122	0.311	1.241	1.233	0.038	0.148	0.382	1.501	1.446
	S.D.	0.002	0.010	0.016	0.061	0.078	0.003	0.010	0.028	0.112	0.089

Table 6

Summary of Test Material Consumption Data (mg/kg/day)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

WEEK	SEX: GROUP: DOSE: UNITS:	MALE					FEMALE				
		2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
8	N	45	47	43	60	34	38	43	42	54	31
	MEAN	0.030	0.121	0.293	1.161	1.178	0.036	0.148	0.368	1.438	1.392
	S.D.	0.002	0.007	0.012	0.093	0.106	0.002	0.011	0.030	0.133	0.099
9	N	47	51	46	60	32	48	41	46	56	36
	MEAN	0.029	0.113	0.288	1.108	1.135	0.035	0.143	0.355	1.407	1.422
	S.D.	0.001	0.006	0.016	0.076	0.063	0.002	0.023	0.027	0.120	0.202
10	N	48	46	48	59	38	45	39	45	53	34
	MEAN	0.028	0.113	0.270	1.074	1.130	0.033	0.138	0.355	1.393	1.407
	S.D.	0.002	0.006	0.017	0.060	0.080	0.002	0.010	0.033	0.101	0.111
11	N	46	48	45	59	38	52	46	48	55	38
	MEAN	0.027	0.108	0.266	1.056	1.086	0.033	0.136	0.346	1.361	1.393
	S.D.	0.002	0.007	0.014	0.060	0.071	0.003	0.011	0.029	0.101	0.120
12	N	51	52	49	61	39	43	39	48	58	35
	MEAN	0.026	0.106	0.262	1.055	1.050	0.032	0.137	0.344	1.406	1.363
	S.D.	0.002	0.009	0.016	0.101	0.075	0.003	0.015	0.040	0.193	0.126
13	N	52	54	52	63	37	46	47	49	59	35
	MEAN	0.025	0.105	0.256	1.029	1.024	0.032	0.129	0.324	1.330	1.355
	S.D.	0.002	0.006	0.017	0.093	0.080	0.003	0.011	0.026	0.194	0.130
14	N	49	48	45	57	38	40	37	40	54	32
	MEAN	0.025	0.102	0.248	1.007	1.043	0.030	0.130	0.310	1.289	1.313
	S.D.	0.002	0.007	0.018	0.073	0.104	0.004	0.012	0.031	0.118	0.101

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Table 6

Summary of Test Material Consumption Data (mg/kg/day)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

WEEK	SEX: GROUP: DOSE: UNITS:	-MALE-					-FEMALE-				
		2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM	2 0.5 PPM	3 2 PPM	4 5 PPM	5 20 PPM	6 20 PPM
15	N	47	47	45	56	40	49	43	45	57	39
	MEAN	0.025	0.102	0.250	1.010	1.032	0.031	0.129	0.318	1.330	1.333
	S.D.	0.002	0.006	0.013	0.074	0.069	0.004	0.011	0.023	0.121	0.160
16	N	49	48	49	59	38	44	41	45	56	34
	MEAN	0.025	0.100	0.247	1.006	1.010	0.031	0.129	0.315	1.315	1.302
	S.D.	0.002	0.006	0.017	0.084	0.067	0.004	0.016	0.027	0.113	0.132
20	N	46	49	47	57	38	46	42	44	49	28
	MEAN	0.024	0.096	0.234	0.969	0.970	0.030	0.124	0.316	1.305	1.345
	S.D.	0.001	0.007	0.020	0.065	0.073	0.003	0.012	0.029	0.104	0.105
24	N	48	49	50	60	39	44	44	47	54	32
	MEAN	0.022	0.090	0.219	0.904	0.904	0.028	0.120	0.288	1.218	1.200
	S.D.	0.002	0.007	0.018	0.070	0.084	0.004	0.015	0.024	0.110	0.098
28	N	46	48	46	59	36	48	45	48	56	40
	MEAN	0.021	0.083	0.206	0.875	0.872	0.028	0.121	0.279	1.181	1.157
	S.D.	0.002	0.006	0.016	0.082	0.069	0.005	0.022	0.025	0.164	0.174
32	N	45	48	47	59	35	47	45	45	58	40
	MEAN	0.019	0.080	0.199	0.850	0.837	0.027	0.112	0.273	1.152	1.170
	S.D.	0.001	0.006	0.012	0.083	0.059	0.006	0.013	0.028	0.111	0.155
36	N	48	50	50	58	39	49	46	47	58	39
	MEAN	0.019	0.076	0.195	0.817	0.805	0.026	0.106	0.261	1.111	1.103
	S.D.	0.003	0.008	0.021	0.084	0.046	0.003	0.012	0.023	0.099	0.080

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Table 6

Summary of Test Material Consumption Data (mg/kg/day)

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

WEEK	SEX: GROUP: DOSE: UNITS:	-----MALE-----					-----FEMALE-----				
		2	3	4	5	6	2	3	4	5	6
		0.5	2	5	20	20	0.5	2	5	20	20
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
40	N	46	48	48	58	39	44	48	47	56	38
	MEAN	0.018	0.076	0.196	0.812	0.794	0.025	0.106	0.263	1.179	1.122
	S.D.	0.002	0.005	0.020	0.090	0.052	0.003	0.014	0.025	0.132	0.092
44	N	48	49	47	55	39	45	45	47	53	38
	MEAN	0.018	0.074	0.188	0.786	0.801	0.024	0.098	0.244	1.069	1.065
	S.D.	0.002	0.006	0.017	0.069	0.055	0.003	0.012	0.027	0.112	0.128
48	N	48	48	47	55	37	48	47	47	57	38
	MEAN	0.018	0.072	0.184	0.765	0.780	0.023	0.099	0.247	1.100	1.054
	S.D.	0.002	0.007	0.017	0.080	0.049	0.003	0.013	0.020	0.137	0.119
52	N	46	48	44	54	37	45	46	45	57	38
	MEAN	0.017	0.071	0.174	0.714	0.732	0.022	0.095	0.237	1.070	1.047
	S.D.	0.002	0.006	0.025	0.082	0.053	0.003	0.012	0.028	0.125	0.097
1-52	MEAN	0.028	0.115	0.284	1.147	1.146	0.034	0.139	0.348	1.402	1.375

Table 7

Summary of Clinical Hematology Data

Males Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	RBC X10 ⁶ /μL	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT X10 ³ /μL	
0	MEAN S.D. N	7.47 .459 10	15.2 .81 10	44.8 2.35 10	60.0 1.56 10	20.3 .73 10	33.9 .59 10	1048 107.7 10
0.5	MEAN S.D. N	7.22 .414 10	14.7 .77 10	43.4 2.43 10	60.2 1.69 10	20.4 .67 10	33.9 .36 10	1082 111.4 10
2.0	MEAN S.D. N	7.54 .599 10	15.3 1.09 10	45.1 3.39 10	59.9 1.65 10	20.4 .85 10	34.0 .61 10	1028 68.7 10
5.0	MEAN S.D. N	7.43 .622 10	15.4 1.04 10	45.0 3.32 10	60.7 1.97 10	20.7 .68 10	34.1 .41 10	1013 118.6 10
20.0	MEAN S.D. N	7.30 .234 10	15.0 .44 10	44.2 1.56 10	60.6 1.40 10	20.6 .45 10	33.9 .37 10	1051 118.1 10

Covance 6329-183
3M T-6295

Table 7

Summary of Clinical Hematology Data

Males Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE		WBC	N-SEG	LYMPH	MONO	EOSIN	BASO	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
ppm T-6295		X10 ³ /μL	X10 ³ /μL	X10 ³ /μL	X10 ³ /μL	X10 ³ /μL	X10 ³ /μL					
0	MEAN	8.6	.7	7.2	.6	.1	.0	9	83	7	1	0
	S.D.	2.03	.30	1.92	.16	.06	.00	3.5	5.3	2.2	.5	.0
	N	10	10	10	10	10	10	10	10	10	10	10
0.5	MEAN	9.3	1.2	7.4	.6	.1	.0	12	82	6	1	0
	S.D.	2.54	1.32	1.29	.31	.06	.00	7.6	9.1	2.5	.3	.0
	N	10	10	10	10	10	10	10	10	10	10	10
2.0	MEAN	9.3	.7	8.0	.6	.1	.0	7	86	6	1	0
	S.D.	2.30	.23	1.94	.26	.06	.00	1.4	3.4	2.3	.5	.0
	N	10	10	10	10	10	10	10	10	10	10	10
5.0	MEAN	7.2	.6	6.1	.4	.1	.0	8	85	6	2	0
	S.D.	1.15	.21	.99	.24	.15	.00	2.3	6.5	2.9	2.0	.0
	N	10	10	10	10	10	10	10	10	10	10	10
20.0	MEAN	8.4	.8	6.8	.6	.1	.0	10	83	6	1	0
	S.D.	2.87	.46	2.19	.38	.07	.00	2.8	4.8	2.4	.4	.0
	N	10	10	10	10	10	10	10	10	10	10	10

Table 7
Summary of Clinical Hematology Data

Females Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	RBC X10 ⁶ /μL	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT X10 ³ /μL	
-----	-----	-----	-----	-----	-----	-----	-----	
0	MEAN S.D. N	7.28 .276 10	15.2 .45 10	45.1 1.20 10	62.0 1.80 10	20.8 .63 10	33.7 .41 10	1103 109.6 10
0.5	MEAN S.D. N	7.40 .367 10	15.3 .62 10	45.7 1.46 10	61.8 1.36 10	20.7 .58 10	33.5 .57 10	1126 181.3 10
2.0	MEAN S.D. N	7.49 .367 10	15.1 .70 10	45.2 1.64 10	60.4 1.62 10	20.2 .64 10	33.5 .55 10	1069 128.2 10
5.0	MEAN S.D. N	7.40 .396 10	15.4 .42 10	45.8 1.00 10	62.0 2.25 10	20.8 .79 10	33.6 .52 10	1104 116.6 10
20.0	MEAN S.D. N	7.38 .238 10	15.3 .27 10	45.6 1.07 10	61.9 1.21 10	20.8 .64 10	33.6 .53 10	1108 88.4 10

Table 7

Summary of Clinical Hematology Data

Females Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE		WBC	N-SEG	LYMPH	MONO	EOSIN	BASO	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
ppm	T-6295	X10 ³ /μL	X10 ³ /μL	X10 ³ /μL	X10 ³ /μL	X10 ³ /μL	X10 ³ /μL					
0												
	MEAN	7.4	.7	6.3	.3	.1	.0	9	84	5	2	0
	S.D.	2.27	.23	2.12	.20	.06	.00	3.5	4.0	2.2	1.4	.0
	N	10	10	10	10	10	10	10	10	10	10	10
0.5												
	MEAN	6.5	.7	5.5	.3	.0	.0	10	84	4	1	0
	S.D.	1.01	.78	1.01	.13	.05	.00	10.8	10.4	1.7	.6	.0
	N	10	10	10	10	10	10	10	10	10	10	10
2.0												
	MEAN	5.0	.4	4.3	.2	.0	.0	9	84	5	1	0
	S.D.	1.80	.15	1.83	.11	.05	.00	5.1	7.9	3.5	.6	.0
	N	10	10	10	10	10	10	10	10	10	10	10
5.0												
	MEAN	6.9	.5	6.0	.2	.1	.0	8	87	4	1	0
	S.D.	2.88	.23	2.62	.11	.04	.00	2.1	3.7	1.7	.6	.0
	N	10	10	10	10	10	10	10	10	10	10	10
20.0												
	MEAN	6.2	.5	5.4	.2	.1	.0	8	86	4	1	0
	S.D.	1.80	.17	1.72	.14	.04	.00	2.7	4.6	2.1	.7	.0
	N	10	10	10	10	10	10	10	10	10	10	10

Table 8
Summary of Clinical Hematology Data
Males Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	RBC X10 ⁶ /μL	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT X10 ³ /μL
0	MEAN 8.55 S.D. .446 N 10	15.6 .69 10	45.9 1.83 10	53.7 1.52 10	18.3 .56 10	34.1 .55 10	1142 164.6 10
0.5	MEAN 8.77 S.D. .441 N 10	15.8 .56 10	46.7 1.45 10	53.3 1.68 10	18.0 .48 10	33.9 .53 10	1092 104.7 10
2.0	MEAN 8.68 S.D. .456 N 10	15.7 .60 10	46.5 1.65 10	53.6 2.19 10	18.1 .60 10	33.7 .47 10	1168 189.6 10
5.0	MEAN 8.57 S.D. .478 N 10	15.2 .63 10	45.2 1.61 10	52.8 1.64 10	17.8 .48 10	33.7 .49 10	1078 155.6 10
20.0	MEAN 8.23 S.D. .216 N 10	15.1 .51 10	44.6 1.30 10	54.2 1.42 10	18.4 .51 10	33.9 .38 10	1139 124.3 10

Covance 6329-183
3M T-6295

Table 8

Summary of Clinical Hematology Data

Males Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	WBC X10 ³ /μL	N-SEG X10 ³ /μL	LYMPH X10 ³ /μL	MONO X10 ³ /μL	EOSIN X10 ³ /μL	BASO X10 ³ /μL	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%	
0	MEAN S.D. N	8.2 1.95 10	1.1 .37 10	6.1 1.46 10	.8 .27 10	.2 .07 10	.0 .03 10	14 3.1 10	74 3.2 10	10 2.1 10	2 .6 10	0 .0 10
0.5	MEAN S.D. N	8.5 1.20 10	1.3 .28 10	6.2 1.04 10	.8 .19 10	.2 .10 10	.0 .00 10	15 3.6 10	73 4.5 10	10 1.6 10	2 1.1 10	0 .0 10
2.0	MEAN S.D. N	7.8 1.64 10	1.2 .33 10	5.7 1.20 10	.8 .29 10	.2 .07 10	.0 .03 10	15 1.8 10	73 3.8 10	10 2.8 10	2 1.1 10	0 .3 10
5.0	MEAN S.D. N	7.8 2.08 10	1.2 .37 10	5.7 1.97 10	.7 .20 10	.2 .05 10	.0 .00 10	16 4.5 10	73 6.1 10	9 2.5 10	2 .6 10	0 .0 10
20.0	MEAN S.D. N	10.5 3.65 10	1.6 * .35 10	7.8 3.43 10	.9 .39 10	.2 .08 10	.0 .03 10	16 5.4 10	73 7.3 10	8 4.2 10	2 .7 10	0 .0 10

Covance 6329-183
3M T-6295

Table 8

Summary of Clinical Hematology Data

Females Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	RBC X10 ⁶ /μL	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT X10 ³ /μL	
0	MEAN S.D. N	8.00 .535 10	15.3 .87 10	45.2 2.58 10	56.6 1.18 10	19.1 .25 10	33.8 .57 10	1061 68.5 10
0.5	MEAN S.D. N	8.22 .377 10	15.5 .59 10	46.0 1.80 10	56.0 1.93 10	18.9 .74 10	33.7 .91 10	1143 67.8 10
2.0	MEAN S.D. N	8.06 .253 10	15.2 .58 10	45.2 1.76 10	56.1 2.37 10	18.8 .72 10	33.6 .57 10	1070 93.4 10
5.0	MEAN S.D. N	7.97 .453 10	15.2 .70 10	45.0 2.17 10	56.5 1.32 10	19.0 .41 10	33.7 .65 10	1082 64.7 10
20.0	MEAN S.D. N	7.87 .247 10	15.1 .67 10	44.2 1.82 10	56.2 1.64 10	19.2 .59 10	34.1 1.08 10	1144 122.9 10

Covance 6329-183
3M T-6295

Table 8

Summary of Clinical Hematology Data

Females Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	WBC X10 ³ /μL	N-SEG X10 ³ /μL	LYMPH X10 ³ /μL	MONO X10 ³ /μL	EOSIN X10 ³ /μL	BASO X10 ³ /μL	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%	
0	MEAN S.D. N	4.9 1.51 10	1.0 .53 10	3.4 1.14 10	.4 .17 10	.1 .07 10	.0 .00 10	20 8.8 10	69 9.7 10	8 2.9 10	2 .9 10	0 .0 10
0.5	MEAN S.D. N	6.4 2.64 10	1.0 .45 10	4.8 2.18 10	.5 .25 10	.1 .03 10	.0 .00 10	16 5.1 10	73 9.1 10	9 4.0 10	2 .8 10	0 .0 10
2.0	MEAN S.D. N	4.9 1.65 10	.7 .17 10	3.9 1.50 10	.3 .08 10	.1 .03 10	.0 .00 10	14 4.4 10	77 5.1 10	6 1.2 10	2 .9 10	0 .0 10
5.0	MEAN S.D. N	5.8 1.96 10	.9 .55 10	4.4 1.54 10	.4 .32 10	.1 .05 10	.0 .03 10	15 7.1 10	75 7.7 10	8 3.9 10	2 .8 10	0 .4 10
20.0	MEAN S.D. N	4.8 1.68 10	1.0 .64 10	3.4 1.12 10	.3 .17 10	.1 .06 10	.0 .00 10	19 6.3 10	72 6.7 10	7 2.5 10	2 1.3 10	0 .3 10

Covance 6329-183
3M T-6295

Table 9
Summary of Clinical Hematology Data

Males Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	RBC X10 ⁶ /μL	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT X10 ³ /μL
0	MEAN 8.78 S.D. .471 N 10	15.7 .58 10	46.1 1.96 10	52.6 1.60 10	17.9 .56 10	34.0 .34 10	1235 171.4 10
0.5	MEAN 8.84 S.D. .629 N 10	15.5 .84 10	46.0 2.34 10	52.1 1.63 10	17.6 .60 10	33.7 .31 10	1270 138.4 10
2.0	MEAN 8.82 S.D. .301 N 10	15.5 .54 10	45.6 1.62 10	51.8 1.01 10	17.5 .45 10	33.9 .38 10	1237 127.7 10
5.0	MEAN 9.04 S.D. .439 N 10	15.8 .60 10	46.6 1.84 10	51.6 1.40 10	17.4 .58 10	33.8 .36 10	1217 116.4 10
20.0	MEAN 8.67 S.D. .252 N 10	15.1 .62 10	44.7 1.22 10	51.6 2.06 10	17.4 .83 10	33.8 .57 10	1287 162.9 10

Table 9

Summary of Clinical Hematology Data

Males Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

[illegible]

Covance 6329-183
3M T-6295Table 9
Summary of Clinical Hematology Data

Females Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	RBC X10 ⁶ /μL	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT X10 ³ /μL
0	MEAN 7.56 S.D. .563 N 10	14.6 .97 10	43.5 3.16 10	57.6 1.06 10	19.2 .33 10	33.4 .63 10	1051 121.7 10
0.5	MEAN 7.93 S.D. .639 N 10	14.9 .52 10	44.8 1.92 10	56.8 2.94 10	18.9 1.18 10	33.3 .35 10	1057 127.0 10
2.0	MEAN 8.00 S.D. .312 N 10	15.1 .66 10	45.2 1.94 10	56.5 1.44 10	18.9 .53 10	33.4 .32 10	1074 75.0 10
5.0	MEAN 8.12 S.D. .353 N 10	15.3 * .61 10	46.1 * 1.61 10	56.8 1.20 10	18.9 .57 10	33.3 .44 10	1095 131.4 10
20.0	MEAN 7.73 S.D. .398 N 10	14.5 .53 10	43.3 1.70 10	56.1 1.87 10	18.8 .66 10	33.5 .39 10	1062 153.7 10

Table 9

Summary of Clinical Hematology Data

Females Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

[illegible]

Covance 6329-183
3M T-6295Table 10
Summary of Clinical Hematology Data

Males Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	RBC X10 ⁶ /μL	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT X10 ³ /μL	
-----	-----	-----	-----	-----	-----	-----	-----	
0	MEAN S.D. N	8.33 .286 10	15.5 .70 10	43.5 2.02 10	52.3 1.70 10	18.6 .59 10	35.6 .38 10	1112 155.9 10
0.5	MEAN S.D. N	8.33 .266 10	15.2 .21 10	43.4 .77 10	52.1 1.23 10	18.3 .57 10	35.1 .49 10	1059 172.9 10
2.0	MEAN S.D. N	8.11 .288 10	14.9 .64 10	42.5 1.63 10	52.4 1.79 10	18.4 .75 10	35.1 .36 10	931 * 108.6 10
5.0	MEAN S.D. N	8.43 .536 10	15.2 .45 10	43.7 1.56 10	52.0 2.41 10	18.0 .94 10	34.7 * .58 10	1011 111.9 10
20.0	MEAN S.D. N	8.28 .360 9	14.9 .71 9	41.7 1.74 9	50.4 1.58 9	17.9 .47 9	35.6 .49 9	1241 124.3 9

Covance 6329-183
3M T-6295Table 10
Summary of Clinical Hematology Data

Males Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	WBC X10 ³ /μL	N-SEG X10 ³ /μL	LYMPH X10 ³ /μL	MONO X10 ³ /μL	EOSIN X10 ³ /μL	BASO X10 ³ /μL	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%	
0	MEAN S.D. N	7.1 1.33 10	2.4 .96 10	3.6 .96 10	.9 .26 10	.1 .05 10	.0 .00 10	34 11.9 10	51 10.6 10	13 3.2 10	2 .6 10	0 .4 10
0.5	MEAN S.D. N	7.8 1.59 10	1.7 .31 10	4.9 * 1.10 10	1.1 .32 10	.1 .06 10	.0 .03 10	22 * 3.0 10	63 * 4.0 10	14 2.5 10	2 .7 10	0 .4 10
2.0	MEAN S.D. N	8.6 2.97 10	2.1 1.64 10	5.4 * 1.20 10	1.0 .65 10	.1 .04 10	.0 .03 10	22 * 7.6 10	64 * 10.2 10	11 4.5 10	1 .5 10	0 .0 10
5.0	MEAN S.D. N	8.5 1.63 10	2.0 .74 10	5.4 * 1.28 10	.9 .33 10	.1 .04 10	.0 .00 10	24 6.2 10	63 * 7.9 10	11 2.6 10	2 .5 10	0 .0 10
20.0	MEAN S.D. N	7.3 1.78 9	2.3 1.58 9	4.0 1.29 9	.8 .42 9	.1 .03 9	.0 .03 9	30 12.3 9	56 15.1 9	12 5.0 9	2 .5 9	0 .3 9

Covance 6329-183
3M T-6295Table 10
Summary of Clinical Hematology Data

Females Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	RBC X10 ⁶ /μL	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT X10 ³ /μL	
0	MEAN S.D. N	7.39 .485 10	14.5 .76 10	40.5 1.84 10	54.9 1.64 10	19.6 .60 10	35.7 .31 10	1009 80.9 10
0.5	MEAN S.D. N	7.26 .695 10	14.2 1.04 10	41.0 3.11 10	56.6 2.40 10	19.7 .94 10	34.7 * .42 10	908 99.0 10
2.0	MEAN S.D. N	7.31 .566 10	14.3 .61 10	41.1 1.91 10	56.3 2.32 10	19.7 .89 10	34.9 * .45 10	851 * 101.9 10
5.0	MEAN S.D. N	7.32 .479 10	14.2 .56 10	41.1 1.73 10	56.2 1.96 10	19.5 .83 10	34.7 * .40 10	837 * 85.9 10
20.0	MEAN S.D. N	7.05 .881 10	13.5 1.66 10	38.1 4.56 10	54.0 1.25 10	19.2 .46 10	35.5 .29 10	1023 113.7 10

Covance 6329-183
3M T-6295

Table 10

Summary of Clinical Hematology Data

Females Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	WBC X10 ³ /μL	N-SEG X10 ³ /μL	LYMPH X10 ³ /μL	MONO X10 ³ /μL	EOSIN X10 ³ /μL	BASO X10 ³ /μL	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%	
0	MEAN S.D. N	4.2 1.72 10	1.6 1.16 10	1.9 .57 10	.5 .16 10	.1 .00 10	.0 .00 10	37 10.5 10	49 8.8 10	12 3.2 10	2 .8 10	0 .0 10
0.5	MEAN S.D. N	4.7 1.53 10	1.0 .28 10	3.1 * 1.27 10	.5 .20 10	.1 .03 10	.0 .00 10	22 * 4.7 10	64 * 7.2 10	12 4.6 10	2 .8 10	0 .3 10
2.0	MEAN S.D. N	5.2 1.28 10	1.5 .54 10	3.1 * .94 10	.5 .16 10	.1 .05 10	.0 .00 10	28 7.4 10	59 8.6 10	10 2.5 10	3 .7 10	0 .0 10
5.0	MEAN S.D. N	4.2 1.27 10	1.2 .58 10	2.5 .70 10	.5 .19 10	.1 .04 10	.0 .00 10	27 8.2 10	60 8.2 10	11 3.9 10	2 .8 10	0 .3 10
20.0	MEAN S.D. N	5.4 2.33 10	2.1 1.94 10	2.6 .90 10	.5 .27 10	.1 .04 10	.0 .00 10	34 17.1 10	53 17.6 10	10 2.5 10	2 1.0 10	0 .4 10

Covance 6329-183
3M T-6295

Table 11

Summary of Clinical Chemistry Data

Males Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	
-----	-----	-----	-----	-----	-----	-----	-----	-----	
0	MEAN	97	12	.6	6.2	4.4	1.8	.1	49
	S.D.	11.4	1.2	.18	.43	.26	.32	.09	6.6
	N	10	10	10	10	10	10	10	10
0.5	MEAN	97	12	.6	6.4	4.6	1.8	.1	49
	S.D.	5.2	1.8	.06	.33	.29	.31	.09	6.5
	N	10	10	10	10	10	10	10	10
2.0	MEAN	91	12	.6	6.0	4.5	1.6	.1	44
	S.D.	10.8	1.3	.14	.33	.29	.16	.08	8.6
	N	10	10	10	10	10	10	10	10
5.0	MEAN	94	12	.6	6.3	4.6	1.7	.0	48
	S.D.	8.9	2.1	.10	.29	.19	.15	.05	15.3
	N	10	10	10	10	10	10	10	10
20.0	MEAN	84 *	13	.6	6.3	4.6	1.7	.1	45
	S.D.	5.0	1.5	.12	.23	.18	.13	.09	13.7
	N	10	10	10	10	10	10	10	10

Table 11
Summary of Clinical Chemistry Data
Males Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
0	MEAN 122 S.D. 26.4 N 10	31 3.4 10	1 1.3 10	10.7 .41 10	10.0 .54 10	148 1.6 10	6.3 .69 10	104 1.5 10
0.5	MEAN 146 S.D. 28.9 N 10	32 4.2 10	0 .7 10	10.7 .31 10	9.5 .62 10	147 1.3 10	6.3 .42 10	104 1.1 10
2.0	MEAN 104 S.D. 22.6 N 10	28 5.2 10	1 1.6 10	10.6 .41 10	10.1 .39 10	148 1.4 10	6.2 .71 10	105 1.1 10
5.0	MEAN 114 S.D. 17.2 N 10	30 3.8 10	0 .7 10	10.9 .28 10	9.8 .62 10	147 1.4 10	6.2 .62 10	103 2.2 10
20.0	MEAN 131 S.D. 19.9 N 10	33 3.0 10	1 1.3 10	10.6 .31 10	9.8 .59 10	148 1.4 10	6.1 .58 10	103 .9 10

Covance 6329-183
3M T-6295Table 11
Summary of Clinical Chemistry Data

Females Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	
0	MEAN S.D. N	114 7.1 10	14 1.7 10	.7 .10 10	6.9 .14 10	5.1 .11 10	1.8 .16 10	.1 .10 10	72 11.5 10
0.5	MEAN S.D. N	111 7.0 10	13 1.8 10	.8 .09 10	6.8 .16 10	5.0 .18 10	1.8 .23 10	.0 .07 10	70 25.8 10
2.0	MEAN S.D. N	113 17.9 10	14 1.8 10	.8 .13 10	6.8 .39 10	5.1 .32 10	1.7 .19 10	.0 .07 10	61 17.7 10
5.0	MEAN S.D. N	109 11.0 10	13 1.2 10	.7 .08 10	7.1 .35 10	5.3 .31 10	1.8 .17 10	.0 .04 10	58 14.8 10
20.0	MEAN S.D. N	107 7.7 10	14 1.8 10	.7 .10 10	6.8 .35 10	5.2 .19 10	1.6 .18 10	.0 .10 10	54 10.7 10

Table 11
Summary of Clinical Chemistry Data

Females Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
0	MEAN 123 S.D. 28.2 N 10	32 4.8 10	0 .7 10	10.8 .34 10	8.5 .90 10	145 1.0 10	5.9 .43 10	104 1.3 10
0.5	MEAN 120 S.D. 37.2 N 10	31 5.6 10	1 1.4 10	10.6 .31 10	8.4 1.03 10	145 .8 10	6.1 .45 10	104 .9 10
2.0	MEAN 101 S.D. 12.2 N 10	29 5.6 10	2 2.0 10	10.7 .37 10	8.5 1.08 10	147 1.3 10	6.2 .51 10	106 1.2 10
5.0	MEAN 112 S.D. 23.9 N 10	32 5.1 10	2 1.3 10	10.7 .35 10	7.9 .83 10	147 2.2 10	6.1 .41 10	105 1.5 10
20.0	MEAN 92 * S.D. 16.0 N 10	32 7.1 10	1 1.1 10	10.6 .24 10	8.2 1.47 10	146 1.8 10	6.0 .56 10	105 1.1 10

Table 11

Summary of Clinical Chemistry Data

Males Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	PCOAO IU/G
-----	-----
0	
MEAN	9
S.D.	2.2
N	5
0.5	
MEAN	9
S.D.	2.3
N	5
2.0	
MEAN	7
S.D.	4.0
N	5
5.0	
MEAN	8
S.D.	.8
N	5
20.0	
MEAN	6
S.D.	1.4
N	5

Table 11

Summary of Clinical Chemistry Data

Females Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295		PCOAO IU/G
-----		-----
0	MEAN	5
	S.D.	1.5
	N	5
0.5	MEAN	6
	S.D.	1.1
	N	5
2.0	MEAN	3
	S.D.	1.7
	N	5
5.0	MEAN	2 *
	S.D.	1.1
	N	5
20.0	MEAN	4
	S.D.	1.1
	N	5

Table 12

Summary of Clinical Chemistry Data

Males Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL
-----	-----	-----	-----	-----	-----	-----	-----	-----
0								
MEAN	102	13	.4	6.9	4.9	2.0	.2	63
S.D.	6.5	1.8	.14	.41	.26	.30	.18	13.4
N	10	10	10	10	10	10	10	10
0.5								
MEAN	106	14	.6	7.0	5.0	2.0	.2	53
S.D.	11.2	1.6	.14	.34	.20	.26	.15	16.6
N	10	10	10	10	10	10	10	10
2.0								
MEAN	91	13	.5	6.7	4.7	2.0	.1	51
S.D.	13.7	2.0	.10	.34	.16	.25	.12	14.5
N	10	10	10	10	10	10	10	10
5.0								
MEAN	99	14	.6	7.0	4.9	2.1	.2	57
S.D.	8.9	1.4	.12	.46	.29	.20	.15	6.9
N	10	10	10	10	10	10	10	10
20.0								
MEAN	95	16 *	.6	6.9	4.9	2.0	.1	37 *
S.D.	10.3	1.6	.16	.34	.24	.18	.13	12.9
N	10	10	10	10	10	10	10	10

Table 12
Summary of Clinical Chemistry Data

Males Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
0	MEAN 111 S.D. 23.1 N 10	36 7.0 10	1 1.5 10	10.5 .28 10	7.5 .57 10	146 .7 10	6.2 .37 10	105 1.2 10
0.5	MEAN 112 S.D. 18.8 N 10	41 6.3 10	1 .7 10	10.5 .29 10	7.8 .64 10	147 2.6 10	6.5 .32 10	105 2.0 10
2.0	MEAN 127 S.D. 20.5 N 10	41 4.7 10	1 1.3 10	10.4 .20 10	7.8 .64 10	147 1.8 10	6.4 .46 10	105 2.2 10
5.0	MEAN 129 S.D. 15.4 N 10	44 13.6 10	1 1.6 10	10.5 .31 10	7.5 .57 10	147 2.8 10	6.1 .37 10	104 2.0 10
20.0	MEAN 128 S.D. 60.7 N 10	65 * 52.9 10	1 1.6 10	10.5 .23 10	7.8 .58 10	146 1.3 10	6.4 .52 10	104 1.4 10

Table 12
Summary of Clinical Chemistry Data

Females Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	
0	MEAN S.D. N	106 12.0 10	15 1.7 10	.6 .12 10	7.6 .34 10	5.6 .25 10	2.1 .22 10	.1 .19 10	75 14.9 10
0.5	MEAN S.D. N	106 9.1 10	15 3.2 10	.6 .13 10	8.2 * .42 10	6.2 * .44 10	2.0 .19 10	.2 .14 10	88 27.1 10
2.0	MEAN S.D. N	108 5.9 10	15 2.3 10	.8 * .12 10	7.9 .30 10	5.9 .24 10	2.0 .22 10	.1 .08 10	87 23.9 10
5.0	MEAN S.D. N	95 * 8.3 10	15 2.0 10	.6 .14 10	8.0 .44 10	5.9 .43 10	2.1 .31 10	.2 .14 10	70 13.4 10
20.0	MEAN S.D. N	99 6.7 10	18 * 2.5 10	.6 .05 10	8.0 .45 10	6.1 * .33 10	1.9 .19 10	.2 .14 10	66 14.0 10

Table 12

Summary of Clinical Chemistry Data

Females Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L	
0	MEAN S.D. N	103 16.3 10	34 2.4 10	1 1.2 10	10.7 .45 10	6.3 .95 10	148 2.0 10	6.0 .43 10	107 .9 10
0.5	MEAN S.D. N	107 17.8 10	36 9.1 10	1 1.7 10	11.1 .49 10	6.4 1.30 10	148 2.1 10	6.4 .76 10	106 1.6 10
2.0	MEAN S.D. N	103 26.9 10	37 17.9 10	1 1.4 10	10.9 .43 10	6.5 .87 10	148 3.0 10	6.2 .71 10	105 1.4 10
5.0	MEAN S.D. N	103 16.5 10	34 4.7 10	2 1.9 10	10.7 .51 10	6.6 1.14 10	148 2.8 10	5.8 .72 10	107 1.9 10
20.0	MEAN S.D. N	90 20.7 10	39 18.2 10	1 1.5 10	10.8 .30 10	6.5 .77 10	148 2.6 10	6.2 .57 10	106 3.0 10

Table 12

Summary of Clinical Chemistry Data

Males Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295		PCOAO IU/g
-----		-----
0	MEAN	5
	S.D.	1.3
	N	5
0.5	MEAN	5
	S.D.	3.3
	N	5
2.0	MEAN	5
	S.D.	3.0
	N	5
5.0	MEAN	2
	S.D.	1.8
	N	5
20.0	MEAN	5
	S.D.	1.9
	N	5

Table 12

Summary of Clinical Chemistry Data

Females Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	PCOAO IU/G
-----	-----
0	
MEAN	2
S.D.	1.6
N	5
0.5	
MEAN	3
S.D.	2.4
N	5
2.0	
MEAN	1
S.D.	.7
N	5
5.0	
MEAN	2
S.D.	2.6
N	5
20.0	
MEAN	5
S.D.	2.9
N	5

Table 13
Summary of Clinical Chemistry Data

Males Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL
0	MEAN 115	12	.7	7.3	4.9	2.4	.2	89
	S.D. 8.1	2.3	.10	.43	.28	.34	.12	24.7
	N 10	10	10	10	10	10	10	10
0.5	MEAN 117	13	.8	7.1	4.7	2.4	.3	84
	S.D. 14.7	1.7	.16	.48	.30	.33	.06	31.8
	N 10	10	10	10	10	10	10	10
2.0	MEAN 114	13	.8	7.2	4.8	2.4	.4	74
	S.D. 13.2	2.3	.08	.29	.23	.26	.16	15.5
	N 10	10	10	10	10	10	10	10
5.0	MEAN 113	14	.7	7.4	4.9	2.5	.3	72
	S.D. 11.7	2.5	.16	.45	.28	.24	.12	28.2
	N 10	10	10	10	10	10	10	10
20.0	MEAN 111	17 *	.8	7.5	5.1	2.4	.2	46 *
	S.D. 12.8	2.1	.15	.34	.25	.19	.10	11.6
	N 10	10	10	10	10	10	10	10

Table 13

Summary of Clinical Chemistry Data

Males Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L	
0	MEAN S.D. N	84 17.8 10	37 6.2 10	1 1.3 10	11.1 .36 10	6.7 .36 10	146 1.1 10	6.7 .23 10	104 2.0 10
0.5	MEAN S.D. N	81 13.0 10	36 6.1 10	2 1.8 10	11.1 .43 10	6.9 .59 10	147 1.8 10	7.0 .53 10	104 1.4 10
2.0	MEAN S.D. N	92 22.0 10	47 10.5 10	1 .6 10	11.1 .28 10	6.8 .30 10	147 1.9 10	6.7 .54 10	104 1.5 10
5.0	MEAN S.D. N	80 9.7 10	38 6.3 10	1 1.4 10	11.3 .57 10	7.1 .62 10	148 1.9 10	6.9 .46 10	104 1.4 10
20.0	MEAN S.D. N	103 53.6 10	65 48.7 10	1 1.9 10	11.2 .34 10	7.3 .92 10	147 2.5 10	6.9 .65 10	104 1.4 10

Table 13
Summary of Clinical Chemistry Data

Females Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	
-----	-----	-----	-----	-----	-----	-----	-----	-----	
0	MEAN	104	14	.9	8.9	6.4	2.5	.4	115
	S.D.	7.3	1.3	.17	.37	.41	.20	.14	26.0
	N	10	10	10	10	10	10	10	10
0.5	MEAN	98	15	.9	8.4	6.2	2.3	.3	95
	S.D.	6.3	2.1	.21	.66	.59	.29	.10	29.0
	N	10	10	10	10	10	10	10	10
2.0	MEAN	99	15	1.0	8.4	6.0	2.4	.3	78 *
	S.D.	8.2	1.9	.16	.71	.65	.26	.13	16.3
	N	10	10	10	10	10	10	10	10
5.0	MEAN	98	15	.9	8.3	5.9	2.3	.3	79 *
	S.D.	10.0	3.2	.14	.39	.28	.29	.15	10.9
	N	10	10	10	10	10	10	10	10
20.0	MEAN	94	20 *	.9	8.7	6.4	2.3	.4	80 *
	S.D.	6.8	2.8	.13	.55	.37	.31	.14	24.4
	N	10	10	10	10	10	10	10	10

Table 13

Summary of Clinical Chemistry Data

Females Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
0	MEAN 119 S.D. 71.9 N 10	64 49.4 10	2 2.0 10	11.7 .34 10	6.7 .77 10	148 2.1 10	5.8 .71 10	106 2.3 10
0.5	MEAN 102 S.D. 18.6 N 10	34 8.4 10	2 1.5 10	11.7 .67 10	6.5 .74 10	147 2.2 10	5.9 .69 10	106 1.9 10
2.0	MEAN 143 S.D. 116.7 N 10	77 130.6 10	2 2.0 10	11.2 * .38 10	6.4 .96 10	148 2.4 10	5.8 .57 10	107 1.8 10
5.0	MEAN 117 S.D. 39.6 N 10	47 25.8 10	4 1.7 10	11.2 .37 10	6.7 .75 10	148 1.9 10	6.0 .63 10	108 2.0 10
20.0	MEAN 117 S.D. 62.6 N 10	64 55.5 10	2 2.6 10	11.5 .44 10	7.3 1.20 10	148 2.9 10	6.0 .67 10	106 2.0 10

Table 14
Summary of Clinical Chemistry Data

Males Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L	
0	MEAN S.D. N	106 27.0 10	54 65.8 10	0 .0 10	10.5 .39 10	6.3 .42 10	147 1.6 10	5.9 .44 10	106 1.8 10
0.5	MEAN S.D. N	118 38.8 10	62 * 51.8 10	0 .5 10	11.4 * .41 10	7.1 * .34 10	148 2.5 10	6.5 .55 10	106 1.9 10
2.0	MEAN S.D. N	111 16.6 10	40 7.5 10	0 .8 10	11.0 * .43 10	7.2 * .59 10	149 2.4 10	6.6 .56 10	107 1.7 10
5.0	MEAN S.D. N	130 21.9 10	44 8.3 10	0 1.3 10	11.1 * .55 10	7.7 * .64 10	149 3.5 10	6.8 * .63 10	107 2.4 10
20.0	MEAN S.D. N	129 70.0 9	83 * 84.4 9	1 1.3 9	10.5 .41 9	7.0 * .61 9	148 3.5 9	6.2 .89 9	110 * 2.1 9

Table 14

Summary of Clinical Chemistry Data

Females Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295		AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
0	MEAN	119	50	0	10.6	5.8	146	5.1	106
	S.D.	61.0	30.2	.3	.54	.90	2.4	.47	2.6
	N	10	10	10	10	10	10	10	10
0.5	MEAN	115	43	0	11.1 *	5.8	147	5.8	106
	S.D.	15.3	7.1	.5	.48	.83	3.6	1.04	3.7
	N	10	10	10	10	10	10	10	10
2.0	MEAN	121	54	1	10.8	5.6	147	5.1	107
	S.D.	21.4	14.5	1.3	.24	.58	2.1	.45	2.5
	N	10	10	10	10	10	10	10	10
5.0	MEAN	108	46	1	11.0	5.5	147	5.4	108
	S.D.	25.1	19.5	1.7	.29	.74	1.8	.65	3.2
	N	10	10	10	10	10	10	10	10
20.0	MEAN	93	46	0	10.6	5.9	147	5.3	110
	S.D.	17.5	17.3	.3	.47	.65	3.1	1.00	2.7
	N	10	10	10	10	10	10	10	10

Table 14

Summary of Clinical Chemistry Data

Males Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	
0	MEAN S.D. N	129 13.2 10	10 1.4 10	.6 .17 10	7.0 .46 10	4.4 .35 10	2.6 .33 10	.0 .07 10	120 44.6 10
0.5	MEAN S.D. N	125 12.5 10	12 1.2 10	.7 .09 10	7.4 .26 10	4.8 .26 10	2.6 .28 10	.2 .16 10	129 53.1 10
2.0	MEAN S.D. N	121 13.8 10	12 * 1.5 10	.7 .15 10	7.3 .38 10	4.7 .20 10	2.6 .32 10	.1 .09 10	89 17.7 10
5.0	MEAN S.D. N	121 8.0 10	14 * 1.3 10	.7 .16 10	7.6 * .46 10	4.8 .28 10	2.7 .32 10	.1 .12 10	92 15.2 10
20.0	MEAN S.D. N	110 * 10.2 9	13 * 2.3 9	.7 .09 9	7.0 .61 9	4.6 .55 9	2.4 .23 9	.0 .03 9	50 * 17.8 9

Table 14
Summary of Clinical Chemistry Data
Females Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL
0	MEAN 111	11	.7	7.7	5.5	2.2	.0	116
	S.D. 10.1	2.5	.10	1.04	.81	.38	.07	19.8
	N 10	10	10	10	10	10	10	10
0.5	MEAN 102	13	.7	8.1	5.8	2.3	.2	108
	S.D. 8.4	2.3	.25	.44	.34	.19	.14	26.1
	N 10	10	10	10	10	10	10	10
2.0	MEAN 96 *	13	.8	8.0	5.5	2.5	.1	101
	S.D. 12.9	2.2	.15	.45	.44	.46	.11	17.2
	N 10	10	10	10	10	10	10	10
5.0	MEAN 97 *	14 *	.8	8.2	5.8	2.4	.1	110
	S.D. 6.3	2.9	.19	.31	.32	.30	.13	49.6
	N 10	10	10	10	10	10	10	10
20.0	MEAN 98 *	16 *	.8	7.9	5.7	2.2	.0	79
	S.D. 9.8	2.8	.14	.76	.81	.39	.10	25.5
	N 10	10	10	10	10	10	10	10

Table 15

Summary of Clinical Urinalysis Data

Males Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	U VOL ML	SP GR	U PH
-----	-----	-----	-----
0			
MEAN	21.4	1.010	7.0
S.D.	11.72	.0036	.16
N	10	10	10
0.5			
MEAN	22.6	1.014	7.0
S.D.	14.76	.0080	.24
N	10	10	10
2.0			
MEAN	25.3	1.010	7.0
S.D.	16.35	.0073	.33
N	10	10	10
5.0			
MEAN	31.8	1.009	7.2
S.D.	14.52	.0055	.24
N	10	10	10
20.0			
MEAN	22.6	1.012	7.0
S.D.	9.78	.0069	.00
N	10	10	10

Table 15

Summary of Clinical Urinalysis Data

Females Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	U VOL ML	SP GR	U PH
-----	-----	-----	-----
0			
MEAN	10.9	1.019	6.8
S.D.	13.48	.0103	.26
N	10	10	10
0.5			
MEAN	15.2	1.015	6.8
S.D.	16.13	.0106	.24
N	10	10	10
2.0			
MEAN	14.2	1.015	6.8
S.D.	17.68	.0087	.26
N	10	10	10
5.0			
MEAN	13.2	1.014	6.8
S.D.	7.12	.0060	.24
N	10	10	10
20.0			
MEAN	17.5	1.013	6.8
S.D.	16.39	.0083	.26
N	10	10	10

Table 16

Summary of Clinical Urinalysis Data

Males Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	U VOL ML	SP GR	U PH

0			
MEAN	28.8	1.014	7.2
S.D.	16.45	.0099	.34
N	10	10	10
0.5			
MEAN	23.5	1.018	7.1
S.D.	16.23	.0140	.39
N	10	10	10
2.0			
MEAN	20.8	1.018	7.0
S.D.	17.37	.0099	.37
N	10	10	10
5.0			
MEAN	25.4	1.014	7.0
S.D.	14.27	.0067	.33
N	10	10	10
20.0			
MEAN	18.5	1.019	7.0
S.D.	14.64	.0073	.28
N	10	10	10

Table 16

Summary of Clinical Urinalysis Data

Females Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	U VOL ML	SP GR	U PH
-----	-----	-----	-----
0			
MEAN	17.5	1.020	6.8
S.D.	21.04	.0166	.26
N	10	10	10
0.5			
MEAN	16.8	1.016	7.0
S.D.	17.86	.0090	.50
N	10	10	10
2.0			
MEAN	7.8	1.021	6.8
S.D.	6.43	.0082	.35
N	10	10	10
5.0			
MEAN	25.7	1.009	6.8
S.D.	14.20	.0050	.35
N	10	10	10
20.0			
MEAN	19.5	1.015	6.9
S.D.	17.83	.0119	.32
N	10	10	10

Table 17

Summary of Clinical Urinalysis Data

Males Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	U VOL ML	SP GR	U PH
-----	-----	-----	-----
0			
MEAN	15.2	1.022	6.9
S.D.	7.12	.0105	.32
N	10	10	10
0.5			
MEAN	16.2	1.017	7.1
S.D.	8.42	.0056	.21
N	10	10	10
2.0			
MEAN	16.2	1.019	7.0
S.D.	6.79	.0053	.37
N	10	10	10
5.0			
MEAN	20.4	1.019	7.0
S.D.	15.70	.0107	.24
N	10	10	10
20.0			
MEAN	17.9	1.029	6.8
S.D.	16.42	.0231	.26
N	10	10	10

Table 17

Summary of Clinical Urinalysis Data

Females Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	U VOL ML	SP GR	U PH
-----	-----	-----	-----
0			
MEAN	17.6	1.016	6.6
S.D.	17.05	.0142	.21
N	10	10	10
0.5			
MEAN	15.9	1.016	6.6
S.D.	12.34	.0089	.34
N	10	10	10
2.0			
MEAN	15.6	1.016	6.8
S.D.	12.72	.0092	.24
N	10	10	10
5.0			
MEAN	21.6	1.014	6.9
S.D.	14.18	.0104	.32
N	10	10	10
20.0			
MEAN	13.7	1.022	6.6
S.D.	11.58	.0170	.37
N	10	10	10

Table 18

Summary of Clinical Urinalysis Data

Males Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	U VOL ML	SP GR	U PH
-----	-----	-----	-----
0			
MEAN	12.5	1.025	6.6
S.D.	7.75	.0110	.32
N	10	10	10
0.5			
MEAN	18.0	1.026	6.7
S.D.	13.20	.0123	.26
N	10	10	10
2.0			
MEAN	16.2	1.021	7.1 *
S.D.	7.90	.0063	.42
N	10	10	9
5.0			
MEAN	11.6	1.032	6.9
S.D.	7.53	.0182	.39
N	10	10	10
20.0			
MEAN	11.0	1.028	6.9
S.D.	4.55	.0074	.49
N	9	9	9

Table 18

Summary of Clinical Urinalysis Data

Females Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	U VOL ML	SP GR	U PH
-----	-----	-----	-----
0			
MEAN	9.1	1.022	6.5
S.D.	2.00	.0039	.33
N	10	10	10
0.5			
MEAN	7.7	1.025	6.6
S.D.	4.07	.0070	.52
N	10	10	10
2.0			
MEAN	9.0	1.025	6.5
S.D.	5.46	.0114	.33
N	10	10	10
5.0			
MEAN	8.3	1.030	6.6
S.D.	12.54	.0105	.41
N	10	10	10
20.0			
MEAN	10.1	1.028	6.2
S.D.	13.35	.0117	.26
N	10	10	10

Table 18

Summary of Clinical Urinalysis Data

Males Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	U VOL ML	SP GR	U PH
-----	-----	-----	-----
0			
MEAN	12.5	1.025	6.6
S.D.	7.75	.0110	.32
N	10	10	10
0.5			
MEAN	18.0	1.026	6.7
S.D.	13.20	.0123	.26
N	10	10	10
2.0			
MEAN	16.2	1.021	7.1 *
S.D.	7.90	.0063	.42
N	10	10	9
5.0			
MEAN	11.6	1.032	6.9
S.D.	7.53	.0182	.39
N	10	10	10
20.0			
MEAN	11.0	1.028	6.9
S.D.	4.55	.0074	.49
N	9	9	9

Table 18

Summary of Clinical Urinalysis Data

Females Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	U VOL ML	SP GR	U PH
-----	-----	-----	-----
0			
MEAN	9.1	1.022	6.5
S.D.	2.00	.0039	.33
N	10	10	10
0.5			
MEAN	7.7	1.025	6.6
S.D.	4.07	.0070	.52
N	10	10	10
2.0			
MEAN	9.0	1.025	6.5
S.D.	5.46	.0114	.33
N	10	10	10
5.0			
MEAN	8.3	1.030	6.6
S.D.	12.54	.0105	.41
N	10	10	10
20.0			
MEAN	10.1	1.028	6.2
S.D.	13.35	.0117	.26
N	10	10	10

Table 19

Summary of Urine Chemistry Data

Males Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295		U NA MMOL/L	U K MMOL/L	NA EXC MMOL	K EXC MMOL
0	MEAN	12	65	.22	1.18
	S.D.	3.5	20.2	.092	.258
	N	10	10	9	9
0.5	MEAN	19	86	.29	1.35
	S.D.	13.9	53.4	.096	.191
	N	10	10	9	9
2.0	MEAN	13	65	.24	1.18
	S.D.	9.5	42.5	.114	.211
	N	10	10	7	7
5.0	MEAN	14	54	.40	1.47
	S.D.	7.9	32.0	.186	.289
	N	10	10	7	7
20.0	MEAN	17	68	.28	1.23
	S.D.	16.4	39.1	.086	.175
	N	10	10	10	10

Table 19

Summary of Urine Chemistry Data

Females Week 4

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295		U NA MMOL/L	U K MMOL/L	NA EXC MMOL	K EXC MMOL

0	MEAN	22	103	.13	.56
	S.D.	10.6	59.9	.049	.198
	N	10	10	9	9
0.5	MEAN	23	86	.15	.59
	S.D.	18.0	74.1	.071	.152
	N	10	10	8	8
2.0	MEAN	28	80	.20	.57
	S.D.	16.7	43.9	.069	.198
	N	10	10	8	8
5.0	MEAN	22	70	.24 *	.75
	S.D.	12.2	34.1	.076	.222
	N	10	10	10	10
20.0	MEAN	20	67	.18	.66
	S.D.	12.3	40.2	.048	.130
	N	10	10	8	8

Table 20
Summary of Urine Chemistry Data

Females Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295		U NA MMOL/L	U K MMOL/L	NA EXC MMOL	K EXC MMOL

0					
	MEAN	32	77	.22	.54
	S.D.	23.2	53.0	.058	.172
	N	9	9	6	6
0.5					
	MEAN	27	70	.20	.56
	S.D.	17.6	43.6	.065	.212
	N	10	10	8	8
2.0					
	MEAN	43	106	.26	.63
	S.D.	21.2	44.1	.146	.234
	N	10	10	10	10
5.0					
	MEAN	16	42	.31	.88
	S.D.	9.1	25.2	.085	.281
	N	10	10	8	8
20.0					
	MEAN	37	69	.35	.65
	S.D.	40.5	68.9	.197	.259
	N	10	10	8	8

Table 20

Summary of Urine Chemistry Data

Males Week 14

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295		U NA MMOL/L	U K MMOL/L	NA EXC MMOL	K EXC MMOL
0	MEAN	20	60	.43	1.17
	S.D.	17.1	50.1	.255	.294
	N	10	10	7	7
0.5	MEAN	25	87	.38	1.13
	S.D.	16.5	80.7	.165	.314
	N	10	10	8	8
2.0	MEAN	23	82	.33	1.01
	S.D.	12.5	56.0	.180	.372
	N	10	10	8	8
5.0	MEAN	22	65	.44	1.33
	S.D.	11.7	34.8	.104	.226
	N	10	10	8	8
20.0	MEAN	26	89	.37	1.24
	S.D.	13.2	37.8	.182	.438
	N	10	10	10	10

Table 21
Summary of Urine Chemistry Data

Females Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295	U NA MMOL/L	U K MMOL/L	NA EXC MMOL	K EXC MMOL
0				
MEAN	18	71	.14	.58
S.D.	18.0	68.2	.070	.241
N	10	10	8	8
0.5				
MEAN	14	74	.16	.79
S.D.	9.9	50.2	.055	.212
N	10	10	9	9
2.0				
MEAN	21	70	.19	.66
S.D.	18.1	49.9	.083	.158
N	10	10	10	10
5.0				
MEAN	18	67	.22	.84
S.D.	17.2	56.7	.139	.280
N	10	10	9	9
20.0				
MEAN	32	96	.21	.73
S.D.	37.4	85.7	.119	.270
N	10	10	10	10

Covance 6329-183
3M T-6295

Table 21

Summary of Urine Chemistry Data

Males Week 27

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295		U NA MMOL/L	U K MMOL/L	NA EXC MMOL	K EXC MMOL

0					
	MEAN	22	116	.29	1.43
	S.D.	14.5	67.1	.153	.422
	N	10	10	10	10
0.5					
	MEAN	16	77	.22	1.10
	S.D.	10.0	28.1	.098	.234
	N	10	10	10	10
2.0					
	MEAN	24	93	.35	1.27
	S.D.	9.9	25.3	.192	.333
	N	9	9	9	9
5.0					
	MEAN	21	89	.30	1.22
	S.D.	15.5	65.7	.122	.394
	N	10	10	8	8
20.0					
	MEAN	46	139	.41	1.31
	S.D.	42.4	114.5	.226	.532
	N	10	10	8	8

Covance 6329-183
3M T-6295

Table 22

Summary of Urine Chemistry Data

Males Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295		U NA MMOL/L	U K MMOL/L	NA EXC MMOL	K EXC MMOL

0	MEAN	32	133	.34	1.30
	S.D.	15.5	65.6	.141	.390
	N	10	10	10	10
0.5	MEAN	23	144	.27	1.65
	S.D.	18.2	103.4	.158	.354
	N	10	10	9	9
2.0	MEAN	21	96	.31	1.40
	S.D.	11.4	30.6	.168	.401
	N	10	10	10	10
5.0	MEAN	32	168	.27	1.41
	S.D.	21.5	105.3	.115	.228
	N	10	10	10	10
20.0	MEAN	46	145	.49	1.51
	S.D.	20.0	36.4	.215	.473
	N	9	9	9	9

Table 22

Summary of Urine Chemistry Data

Females Week 53

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

DOSE ppm T-6295		U NA MMOL/L	U K MMOL/L	NA EXC MMOL	K EXC MMOL

0	MEAN	40	135	.36	1.19
	S.D.	14.8	42.4	.122	.337
	N	10	10	10	10
0.5	MEAN	28	132	.22	.87 *
	S.D.	13.6	51.3	.163	.278
	N	10	10	10	10
2.0	MEAN	23 *	140	.18	.99
	S.D.	8.8	69.9	.081	.307
	N	10	10	10	10
5.0	MEAN	37	172	.21	.76 *
	S.D.	14.5	80.9	.147	.239
	N	10	10	10	10
20.0	MEAN	42	164	.26	.93
	S.D.	22.7	85.4	.186	.226
	N	10	10	9	9

TABLE 23
Summary of Organ Weight Data
Week 14 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LF ADRENAL

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	495.5	0.0331	0.0068	0.0151		MEAN:	284.0	0.0443	0.0159	0.0217
	STANDARD DEV:	55.9	0.0016	0.0010	0.0011		STANDARD DEV:	39.2	0.0073	0.0038	0.0042
M	2					F	2				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	481.0	0.0296	0.0061	0.0133		MEAN:	298.9	0.0346	0.0115	0.0166
	STANDARD DEV:	51.3	0.0071	0.0011	0.0032		STANDARD DEV:	40.8	0.0062	0.0009	0.0034
M	3					F	3				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	434.1	0.0305	0.0071	0.0133		MEAN:	265.7	0.0383	0.0146	0.0189
	STANDARD DEV:	31.4	0.0082	0.0023	0.0032		STANDARD DEV:	16.3	0.0060	0.0034	0.0028

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TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LF ADRENAL

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		524.2	0.0330	0.0063	0.0146	MEAN:		246.7	0.0355	0.0144	0.0172
STANDARD DEV:		44.5	0.0063	0.0008	0.0034	STANDARD DEV:		17.5	0.0072	0.0026	0.0037
M	5					F	5				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		470.3	0.0250	0.0053	0.0114	MEAN:		249.1	0.0345	0.0140	0.0172
STANDARD DEV:		40.1	0.0032	0.0004	0.0005	STANDARD DEV:		26.1	0.0043	0.0024	0.0035

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TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

RT ADRENAL

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	495.5	0.0302	0.0062	0.0137		MEAN:	284.0	0.0417	0.0150	0.0204
	STANDARD DEV:	55.9	0.0051	0.0013	0.0021		STANDARD DEV:	39.2	0.0093	0.0043	0.0050
M	2					F	2				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	481.0	0.0247	0.0051	0.0112		MEAN:	298.9	0.0322	0.0108	0.0154
	STANDARD DEV:	51.3	0.0094	0.0016	0.0043		STANDARD DEV:	40.8	0.0056	0.0013	0.0028
M	3					F	3				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	434.1	0.0286	0.0066	0.0126		MEAN:	265.7	0.0373	0.0141	0.0184
	STANDARD DEV:	31.4	0.0079	0.0019	0.0034		STANDARD DEV:	16.3	0.0052	0.0025	0.0022

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

RT ADRENAL

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
		5	5	5	5			5	5	5	5
	NUMBER IN GROUP:	524.2	0.0318	0.0060	0.0140		NUMBER IN GROUP:	246.7	0.0329	0.0133	0.0159
	MEAN:	44.5	0.0072	0.0010	0.0032		MEAN:	17.5	0.0042	0.0013	0.0018
	STANDARD DEV:						STANDARD DEV:				
M	5					F	5				
		5	5	5	5			5	5	5	5
	NUMBER IN GROUP:	470.3	0.0253	0.0054	0.0115		NUMBER IN GROUP:	249.1	0.0323	0.0131	0.0161
	MEAN:	40.1	0.0044	0.0009	0.0012		MEAN:	26.1	0.0052	0.0028	0.0041
	STANDARD DEV:						STANDARD DEV:				

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

BRAIN

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		495.5	2.2027	0.4499	1.0000	MEAN:		284.0	2.0506	0.7302	1.0000
STANDARD DEV:		55.9	0.0998	0.0620	0.0000	STANDARD DEV:		39.2	0.0895	0.0796	0.0000
M	2					F	2				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		481.0	2.2216	0.4652	1.0000	MEAN:		298.9	2.0992	0.7123	1.0000
STANDARD DEV:		51.3	0.1022	0.0408	0.0000	STANDARD DEV:		40.8	0.1878	0.1139	0.0000
M	3					F	3				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		434.1	2.2768	0.5280	1.0000	MEAN:		265.7	2.0240	0.7647	1.0000
STANDARD DEV:		31.4	0.0980	0.0621	0.0000	STANDARD DEV:		16.3	0.0532	0.0623	0.0000

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

BRAIN

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		524.2	2.2740	0.4366	1.0000	MEAN:		246.7	2.0631	0.8388	1.0000
STANDARD DEV:		44.5	0.1332	0.0471	0.0000	STANDARD DEV:		17.5	0.0817	0.0509	0.0000
M	5					F	5				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		470.3	2.1876	0.4655	1.0000	MEAN:		249.1	2.0375	0.8187	1.0000
STANDARD DEV:		40.1	0.2136	0.0318	0.0000	STANDARD DEV:		26.1	0.2129	0.0414	0.0000

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LF KIDNEY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	495.5	1.9158	0.3867	0.8733		MEAN:	284.0	1.1576	0.4123	0.5650
	STANDARD DEV:	55.9	0.2630	0.0350	0.1428		STANDARD DEV:	39.2	0.1245	0.0616	0.0618
M	2					F	2				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	481.0	1.8856	0.3920	0.8470		MEAN:	298.9	1.1245	0.3787	0.5385
	STANDARD DEV:	51.3	0.2315	0.0241	0.0779		STANDARD DEV:	40.8	0.1201	0.0384	0.0695
M	3					F	3				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	434.1	1.8856	0.4356	0.8295		MEAN:	265.7	1.1610	0.4377	0.5741
	STANDARD DEV:	31.4	0.1583	0.0413	0.0808		STANDARD DEV:	16.3	0.0565	0.0231	0.0345

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LF KIDNEY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		524.2	2.0510	0.3919	0.9034	MEAN:		246.7	1.1187	0.4531	0.5420
STANDARD DEV:		44.5	0.2638	0.0448	0.1208	STANDARD DEV:		17.5	0.1230	0.0345	0.0551
M	5					F	5				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		470.3	1.9496	0.4174	0.9001	MEAN:		249.1	1.1562	0.4675	0.5708
STANDARD DEV:		40.1	0.1517	0.0525	0.1341	STANDARD DEV:		26.1	0.0619	0.0456	0.0446

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

RT KIDNEY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	495.5	1.8989	0.3849	0.8647		MEAN:	284.0	1.1863	0.4224	0.5792
	STANDARD DEV:	55.9	0.1660	0.0314	0.0988		STANDARD DEV:	39.2	0.1066	0.0567	0.0548
M	2					F	2				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	481.0	1.8373	0.3834	0.8262		MEAN:	298.9	1.1307	0.3796	0.5417
	STANDARD DEV:	51.3	0.1452	0.0238	0.0350		STANDARD DEV:	40.8	0.1396	0.0294	0.0788
M	3					F	3				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	434.1	1.9428	0.4487	0.8551		MEAN:	265.7	1.1545	0.4347	0.5713
	STANDARD DEV:	31.4	0.1201	0.0321	0.0730		STANDARD DEV:	16.3	0.0706	0.0131	0.0472

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
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TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

RT KIDNEY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	524.2	2.0560	0.3930	0.9070		MEAN:	246.7	1.1446	0.4626	0.5543
	STANDARD DEV:	44.5	0.2362	0.0415	0.1245		STANDARD DEV:	17.5	0.1468	0.0307	0.0637
M	5					F	5				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	470.3	1.9357	0.4152	0.8945		MEAN:	249.1	1.1993	0.4844	0.5914
	STANDARD DEV:	40.1	0.1823	0.0634	0.1506		STANDARD DEV:	26.1	0.0960	0.0497	0.0490

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LIVER

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1				
NUMBER IN GROUP:		5	5	5	5
MEAN:		495.5	15.8246	3.2105	7.2089
STANDARD DEV:		55.9	1.1470	0.2501	0.7794
M	2				
NUMBER IN GROUP:		5	5	5	5
MEAN:		481.0	15.5356	3.2119	6.9828
STANDARD DEV:		51.3	2.6697	0.2424	1.1308
M	3				
NUMBER IN GROUP:		5	5	5	5
MEAN:		434.1	14.0264	3.2296	6.1829
STANDARD DEV:		31.4	1.3506	0.1645	0.7912

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
F	1				
NUMBER IN GROUP:		5	5	5	5
MEAN:		284.0	9.2939	3.2663	4.5286
STANDARD DEV:		39.2	1.5941	0.2219	0.6977
F	2				
NUMBER IN GROUP:		5	5	5	5
MEAN:		298.9	9.1934	3.0785	4.3942
STANDARD DEV:		40.8	1.2506	0.1365	0.5841
F	3				
NUMBER IN GROUP:		5	5	5	5
MEAN:		265.7	8.4060	3.1686	4.1509
STANDARD DEV:		16.3	0.6870	0.2526	0.2786

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LIVER

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		524.2	18.8254	3.5758	8.3121	MEAN:		246.7	8.7074	3.5252	4.2249
STANDARD DEV:		44.5	3.0304	0.3075	1.5632	STANDARD DEV:		17.5	1.0293	0.2630	0.5225
M	5					F	5				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		470.3	20.3339*	4.3329*	9.3597*	MEAN:		249.1	10.5929	4.2760*	5.2213
STANDARD DEV:		40.1	2.2244	0.4281	1.3157	STANDARD DEV:		26.1	0.6685	0.3527	0.3041

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LUNG

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		495.5	1.9239	0.3910	0.8773	MEAN:		284.0	1.4837	0.5274	0.7235
STANDARD DEV:		55.9	0.1514	0.0406	0.1103	STANDARD DEV:		39.2	0.1221	0.0581	0.0500
M	2					F	2				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		481.0	1.7946	0.3760	0.8099	MEAN:		298.9	1.4581	0.4954	0.6992
STANDARD DEV:		51.3	0.1266	0.0428	0.0776	STANDARD DEV:		40.8	0.0258	0.0702	0.0644
M	3					F	3				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		434.1	1.8522	0.4291	0.8137	MEAN:		265.7	1.2902*	0.4859	0.6369
STANDARD DEV:		31.4	0.2526	0.0704	0.1089	STANDARD DEV:		16.3	0.1419	0.0476	0.0603

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LUNG

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4				
NUMBER IN GROUP:		5	5	5	5
MEAN:		524.2	2.6655	0.5072	1.1500
STANDARD DEV:		44.5	1.5011	0.2769	0.5633
M	5				
NUMBER IN GROUP:		5	5	5	5
MEAN:		470.3	1.7721	0.3767	0.8107
STANDARD DEV:		40.1	0.1713	0.0158	0.0351

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
F	4				
NUMBER IN GROUP:		5	5	5	5
MEAN:		246.7	1.3227*	0.5390	0.6420
STANDARD DEV:		17.5	0.1112	0.0628	0.0599
F	5				
NUMBER IN GROUP:		5	5	5	5
MEAN:		249.1	1.2912*	0.5210	0.6394
STANDARD DEV:		26.1	0.1316	0.0596	0.0970

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PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LF OVARY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1				
NUMBER IN GROUP:		5			
MEAN:		495.5			
STANDARD DEV:		55.9			
M	2				
NUMBER IN GROUP:		5			
MEAN:		481.0			
STANDARD DEV:		51.3			
M	3				
NUMBER IN GROUP:		5			
MEAN:		434.1			
STANDARD DEV:		31.4			

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
F	1				
NUMBER IN GROUP:		5	5	5	5
MEAN:		284.0	0.0807	0.0292	0.0394
STANDARD DEV:		39.2	0.0147	0.0081	0.0069
F	2				
NUMBER IN GROUP:		5	5	5	5
MEAN:		298.9	0.0707	0.0235	0.0339
STANDARD DEV:		40.8	0.0169	0.0027	0.0080
F	3				
NUMBER IN GROUP:		5	5	5	5
MEAN:		265.7	0.0674	0.0254	0.0333
STANDARD DEV:		16.3	0.0094	0.0035	0.0049

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LF OVARY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
NUMBER IN GROUP:		5				NUMBER IN GROUP:		5	5	5	5
MEAN:		524.2				MEAN:		246.7	0.0768	0.0311	0.0371
STANDARD DEV:		44.5				STANDARD DEV:		17.5	0.0129	0.0047	0.0058
M	5					F	5				
NUMBER IN GROUP:		5				NUMBER IN GROUP:		5	5	5	5
MEAN:		470.3				MEAN:		249.1	0.0737	0.0296	0.0362
STANDARD DEV:		40.1				STANDARD DEV:		26.1	0.0164	0.0056	0.0068

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

RT OVARY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		5				NUMBER IN GROUP:		5	5	5	5
MEAN:		495.5				MEAN:		284.0	0.0731	0.0261	0.0358
STANDARD DEV:		55.9				STANDARD DEV:		39.2	0.0060	0.0043	0.0040
M	2					F	2				
NUMBER IN GROUP:		5				NUMBER IN GROUP:		5	5	5	5
MEAN:		481.0				MEAN:		298.9	0.0700	0.0233	0.0333
STANDARD DEV:		51.3				STANDARD DEV:		40.8	0.0180	0.0038	0.0073
M	3					F	3				
NUMBER IN GROUP:		5				NUMBER IN GROUP:		5	5	5	5
MEAN:		434.1				MEAN:		265.7	0.0707	0.0266	0.0349
STANDARD DEV:		31.4				STANDARD DEV:		16.3	0.0154	0.0053	0.0074

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

RT OVARY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
	NUMBER IN GROUP:	5					NUMBER IN GROUP:	5	5	5	5
	MEAN:	524.2					MEAN:	246.7	0.0769	0.0310	0.0373
	STANDARD DEV:	44.5					STANDARD DEV:	17.5	0.0191	0.0066	0.0094
M	5					F	5				
	NUMBER IN GROUP:	5					NUMBER IN GROUP:	5	5	5	5
	MEAN:	470.3					MEAN:	249.1	0.0699	0.0280	0.0343
	STANDARD DEV:	40.1					STANDARD DEV:	26.1	0.0086	0.0012	0.0018

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

SPLEEN

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	495.5	0.7759	0.1575	0.3526		MEAN:	284.0	0.5129	0.1822	0.2501
	STANDARD DEV:	55.9	0.0794	0.0174	0.0364		STANDARD DEV:	39.2	0.0444	0.0196	0.0174
M	2					F	2				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	481.0	0.7825	0.1612	0.3510		MEAN:	298.9	0.5494	0.1845	0.2617
	STANDARD DEV:	51.3	0.1814	0.0229	0.0728		STANDARD DEV:	40.8	0.1033	0.0302	0.0415
M	3					F	3				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	434.1	0.7287	0.1686	0.3201		MEAN:	265.7	0.5110	0.1926	0.2529
	STANDARD DEV:	31.4	0.0928	0.0250	0.0404		STANDARD DEV:	16.3	0.0445	0.0160	0.0275

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

SPLEEN

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		524.2	0.7046	0.1341	0.3120	MEAN:		246.7	0.4750	0.1930	0.2303
STANDARD DEV:		44.5	0.1067	0.0120	0.0619	STANDARD DEV:		17.5	0.0247	0.0099	0.0107
M	5					F	5				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		470.3	0.7754	0.1650	0.3543	MEAN:		249.1	0.4326*	0.1749	0.2141
STANDARD DEV:		40.1	0.0826	0.0135	0.0103	STANDARD DEV:		26.1	0.0310	0.0182	0.0255

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LF TESTIS

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1				
NUMBER IN GROUP:		5	5	5	5
MEAN:		495.5	1.7498	0.3560	0.7964
STANDARD DEV:		55.9	0.2466	0.0582	0.1237
M	2				
NUMBER IN GROUP:		5	5	5	5
MEAN:		481.0	1.7146	0.3581	0.7711
STANDARD DEV:		51.3	0.1818	0.0344	0.0617
M	3				
NUMBER IN GROUP:		5	5	5	5
MEAN:		434.1	1.6809	0.3887	0.7394
STANDARD DEV:		31.4	0.0700	0.0308	0.0461

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
F	1				
NUMBER IN GROUP:		5			
MEAN:		284.0			
STANDARD DEV:		39.2			
F	2				
NUMBER IN GROUP:		5			
MEAN:		298.9			
STANDARD DEV:		40.8			
F	3				
NUMBER IN GROUP:		5			
MEAN:		265.7			
STANDARD DEV:		16.3			

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LF TESTIS

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5			
	MEAN:	524.2	1.6548	0.3177	0.7269		MEAN:	246.7			
	STANDARD DEV:	44.5	0.1429	0.0390	0.0220		STANDARD DEV:	17.5			
M	5					F	5				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5			
	MEAN:	470.3	1.6454	0.3504	0.7561		MEAN:	249.1			
	STANDARD DEV:	40.1	0.1290	0.0163	0.0726		STANDARD DEV:	26.1			

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

RT TESTIS

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1				
NUMBER IN GROUP:		5	5	5	5
MEAN:		495.5	1.7446	0.3544	0.7945
STANDARD DEV:		55.9	0.2362	0.0524	0.1246
M	2				
NUMBER IN GROUP:		5	5	5	5
MEAN:		481.0	1.6989	0.3548	0.7642
STANDARD DEV:		51.3	0.1610	0.0310	0.0531
M	3				
NUMBER IN GROUP:		5	5	5	5
MEAN:		434.1	1.6716	0.3863	0.7356
STANDARD DEV:		31.4	0.0876	0.0289	0.0557

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
F	1				
NUMBER IN GROUP:		5			
MEAN:		284.0			
STANDARD DEV:		39.2			
F	2				
NUMBER IN GROUP:		5			
MEAN:		298.9			
STANDARD DEV:		40.8			
F	3				
NUMBER IN GROUP:		5			
MEAN:		265.7			
STANDARD DEV:		16.3			

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Summary of Organ Weight Data

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

RT TESTIS

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5			
MEAN:		524.2	1.6615	0.3190	0.7299	MEAN:		246.7			
STANDARD DEV:		44.5	0.1437	0.0402	0.0263	STANDARD DEV:		17.5			
M	5					F	5				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5			
MEAN:		470.3	1.6738	0.3567	0.7686	MEAN:		249.1			
STANDARD DEV:		40.1	0.0932	0.0134	0.0513	STANDARD DEV:		26.1			

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LF THYROID/PARA

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	495.5	0.0162	0.0032	0.0074		MEAN:	284.0	0.0069	0.0024	0.0033
	STANDARD DEV:	55.9	0.0098	0.0015	0.0046		STANDARD DEV:	39.2	0.0015	0.0004	0.0006
M	2					F	2				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	481.0	0.0121	0.0025	0.0054		MEAN:	298.9	0.0098	0.0033	0.0047
	STANDARD DEV:	51.3	0.0025	0.0004	0.0009		STANDARD DEV:	40.8	0.0025	0.0006	0.0011
M	3					F	3				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	434.1	0.0140	0.0033	0.0060		MEAN:	265.7	0.0080	0.0030	0.0040
	STANDARD DEV:	31.4	0.0091	0.0025	0.0036		STANDARD DEV:	16.3	0.0028	0.0011	0.0014

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

LF THYROID/PARA

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	524.2	0.0143	0.0028	0.0063		MEAN:	246.7	0.0091	0.0037*	0.0044
	STANDARD DEV:	44.5	0.0045	0.0011	0.0020		STANDARD DEV:	17.5	0.0008	0.0005	0.0004
M	5					F	5				
	NUMBER IN GROUP:	5	5	5	5		NUMBER IN GROUP:	5	5	5	5
	MEAN:	470.3	0.0114	0.0025	0.0053		MEAN:	249.1	0.0077	0.0031*	0.0038
	STANDARD DEV:	40.1	0.0016	0.0005	0.0013		STANDARD DEV:	26.1	0.0012	0.0003	0.0005

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Summary of Organ Weight Data

Week 14 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATSTABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

RT THYROID/PARA

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		495.5	0.0171	0.0034	0.0078	MEAN:		284.0	0.0097	0.0035	0.0047
STANDARD DEV:		55.9	0.0080	0.0012	0.0038	STANDARD DEV:		39.2	0.0033	0.0015	0.0015
M	2					F	2				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		481.0	0.0132	0.0027	0.0059	MEAN:		298.9	0.0110	0.0037	0.0052
STANDARD DEV:		51.3	0.0038	0.0006	0.0016	STANDARD DEV:		40.8	0.0024	0.0008	0.0008
M	3					F	3				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		434.1	0.0126	0.0029	0.0055	MEAN:		265.7	0.0116	0.0044	0.0057
STANDARD DEV:		31.4	0.0017	0.0005	0.0007	STANDARD DEV:		16.3	0.0062	0.0023	0.0029

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

RT THYROID/PARA

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		524.2	0.0159	0.0031	0.0069	MEAN:		246.7	0.0097	0.0039	0.0047
STANDARD DEV:		44.5	0.0058	0.0013	0.0023	STANDARD DEV:		17.5	0.0013	0.0005	0.0005
M	5					F	5				
NUMBER IN GROUP:		5	5	5	5	NUMBER IN GROUP:		5	5	5	5
MEAN:		470.3	0.0104	0.0022	0.0048	MEAN:		249.1	0.0095	0.0038	0.0047
STANDARD DEV:		40.1	0.0014	0.0004	0.0008	STANDARD DEV:		26.1	0.0011	0.0003	0.0004

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

UTERUS

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
	NUMBER IN GROUP:	5					NUMBER IN GROUP:	5	5	5	5
	MEAN:	495.5					MEAN:	284.0	0.8644	0.3157	0.4244
	STANDARD DEV:	55.9					STANDARD DEV:	39.2	0.3226	0.1459	0.1667
M	2					F	2				
	NUMBER IN GROUP:	5					NUMBER IN GROUP:	5	5	5	5
	MEAN:	481.0					MEAN:	298.9	0.5986	0.2010	0.2906
	STANDARD DEV:	51.3					STANDARD DEV:	40.8	0.1521	0.0486	0.0974
M	3					F	3				
	NUMBER IN GROUP:	5					NUMBER IN GROUP:	5	5	5	5
	MEAN:	434.1					MEAN:	265.7	0.8368	0.3125	0.4173
	STANDARD DEV:	31.4					STANDARD DEV:	16.3	0.3843	0.1335	0.2021

Table 23
Summary of Organ Weight Data
Week 14 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=2; SUBSET=ALL

UTERUS

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	4					F	4				
NUMBER IN GROUP:		5				NUMBER IN GROUP:		5	5	5	5
MEAN:		524.2				MEAN:		246.7	0.9249	0.3815	0.4478
STANDARD DEV:		44.5				STANDARD DEV:		17.5	0.3717	0.1685	0.1731
M	5					F	5				
NUMBER IN GROUP:		5				NUMBER IN GROUP:		5	5	5	5
MEAN:		470.3				MEAN:		249.1	0.7984	0.3306	0.3974
STANDARD DEV:		40.1				STANDARD DEV:		26.1	0.4389	0.1980	0.2223

TABLE 24
Summary of Organ Weight Data
Week 53 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

LF ADRENAL

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
	NUMBER IN GROUP:	9	9	9	9		NUMBER IN GROUP:	10	10	10	10
	MEAN:	713.4	0.0313	0.0044	0.0135		MEAN:	414.5	0.0501	0.0129	0.0235
	STANDARD DEV:	105.5	0.0076	0.0010	0.0036		STANDARD DEV:	101.9	0.0290	0.0091	0.0135
M	5					F	5				
	NUMBER IN GROUP:	9	9	9	9		NUMBER IN GROUP:	10	10	10	10
	MEAN:	668.6	0.0263	0.0040	0.0112		MEAN:	331.9*	0.0311*	0.0095	0.0141*
	STANDARD DEV:	142.5	0.0046	0.0008	0.0018		STANDARD DEV:	39.7	0.0053	0.0022	0.0024

Table 24
Summary of Organ Weight Data
Week 53 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
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TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

RT ADRENAL

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
	NUMBER IN GROUP:	9	9	9	9		NUMBER IN GROUP:	10	10	10	10
	MEAN:	713.4	0.0275	0.0039	0.0119		MEAN:	414.5	0.0368	0.0093	0.0172
	STANDARD DEV:	105.5	0.0060	0.0010	0.0028		STANDARD DEV:	101.9	0.0072	0.0027	0.0032
M	5					F	5				
	NUMBER IN GROUP:	9	9	9	9		NUMBER IN GROUP:	10	10	10	10
	MEAN:	668.6	0.0262	0.0040	0.0111		MEAN:	331.9*	0.0318	0.0097	0.0144*
	STANDARD DEV:	142.5	0.0031	0.0007	0.0011		STANDARD DEV:	39.7	0.0037	0.0016	0.0019

Table 24
Summary of Organ Weight Data
Week 53 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

BRAIN

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
	NUMBER IN GROUP:	9	9	9	9		NUMBER IN GROUP:	10	10	10	10
	MEAN:	713.4	2.3308	0.3320	1.0000		MEAN:	414.5	2.1293	0.5376	1.0000
	STANDARD DEV:	105.5	0.1344	0.0442	0.0000		STANDARD DEV:	101.9	0.0884	0.1129	0.0000
M	5					F	5				
	NUMBER IN GROUP:	9	9	9	9		NUMBER IN GROUP:	10	10	10	10
	MEAN:	668.6	2.3485	0.3644	1.0000		MEAN:	331.9*	2.2148	0.6752*	1.0000
	STANDARD DEV:	142.5	0.0730	0.0722	0.0000		STANDARD DEV:	39.7	0.1036	0.0817	0.0000

Table 24
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
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TABLE INCLUDES:

SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=3;SUBSET=ALL

LF KIDNEY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
	NUMBER IN GROUP:	9	9	9	9		NUMBER IN GROUP:	10	10	10	10
	MEAN:	713.4	2.3449	0.3327	1.0078		MEAN:	414.5	1.3621	0.3357	0.6391
	STANDARD DEV:	105.5	0.1955	0.0397	0.0857		STANDARD DEV:	101.9	0.2284	0.0458	0.1000
M	5					F	5				
	NUMBER IN GROUP:	9	9	9	9		NUMBER IN GROUP:	10	10	10	10
	MEAN:	668.6	2.4193	0.3712	1.0322		MEAN:	331.9*	1.3638	0.4149*	0.6171
	STANDARD DEV:	142.5	0.2614	0.0597	0.1260		STANDARD DEV:	39.7	0.1321	0.0532	0.0668

Table 24
Summary of Organ Weight Data
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

RT KIDNEY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		713.4	2.3577	0.3340	1.0129	MEAN:		414.5	1.4200	0.3498	0.6665
STANDARD DEV:		105.5	0.2008	0.0348	0.0842	STANDARD DEV:		101.9	0.2361	0.0447	0.1046
M	5					F	5				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		668.6	2.4080	0.3690	1.0271	MEAN:		331.9*	1.3769	0.4193*	0.6224
STANDARD DEV:		142.5	0.2312	0.0529	0.1109	STANDARD DEV:		39.7	0.1375	0.0574	0.0631

Table 24
Summary of Organ Weight Data
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

LIVER

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		713.4	20.0275	2.8113	8.6130	MEAN:		414.5	11.5769	2.8031	5.4312
STANDARD DEV:		105.5	3.0980	0.2044	1.4054	STANDARD DEV:		101.9	3.0344	0.3109	1.3763
M	5					F	5				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		668.6	26.6325*	4.0039*	11.3659*	MEAN:		331.9*	13.8907	4.2047*	6.2883
STANDARD DEV:		142.5	5.5590	0.5449	2.4751	STANDARD DEV:		39.7	1.8568	0.5156	0.8921

Table 24
Summary of Organ Weight Data
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

LUNG

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		713.4	2.1599	0.3061	0.9293	MEAN:		414.5	1.6819	0.4215	0.7913
STANDARD DEV:		105.5	0.2545	0.0413	0.1174	STANDARD DEV:		101.9	0.2502	0.0901	0.1262
M	5					F	5				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		668.6	2.0477	0.3151	0.8719	MEAN:		331.9*	1.5740	0.4797	0.7114
STANDARD DEV:		142.5	0.1879	0.0524	0.0758	STANDARD DEV:		39.7	0.0922	0.0598	0.0433

Table 24
Summary of Organ Weight Data
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

LF OVARY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		9				NUMBER IN GROUP:		10	10	10	10
MEAN:		713.4				MEAN:		414.5	0.0562	0.0138	0.0265
STANDARD DEV:		105.5				STANDARD DEV:		101.9	0.0192	0.0045	0.0092
M	5					F	5				
NUMBER IN GROUP:		9				NUMBER IN GROUP:		10	10	10	10
MEAN:		668.6				MEAN:		331.9*	0.0557	0.0170	0.0253
STANDARD DEV:		142.5				STANDARD DEV:		39.7	0.0123	0.0040	0.0061

Table 24
Summary of Organ Weight Data
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

RT OVARY

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		9				NUMBER IN GROUP:		10	10	10	10
MEAN:		713.4				MEAN:		414.5	0.1357	0.0321	0.0630
STANDARD DEV:		105.5				STANDARD DEV:		101.9	0.2404	0.0549	0.1107
M	5					F	5				
NUMBER IN GROUP:		9				NUMBER IN GROUP:		10	10	10	10
MEAN:		668.6				MEAN:		331.9*	0.0561	0.0171	0.0254
STANDARD DEV:		142.5				STANDARD DEV:		39.7	0.0129	0.0044	0.0062

Table 24
Summary of Organ Weight Data
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

SPLEEN

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		713.4	0.9792	0.1382	0.4208	MEAN:		414.5	0.5577	0.1368	0.2611
STANDARD DEV:		105.5	0.0975	0.0100	0.0427	STANDARD DEV:		101.9	0.1021	0.0178	0.0419
M	5					F	5				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		668.6	0.8287*	0.1252*	0.3529*	MEAN:		331.9*	0.5491	0.1650*	0.2468
STANDARD DEV:		142.5	0.1514	0.0133	0.0635	STANDARD DEV:		39.7	0.1344	0.0306	0.0537

Table 24
Summary of Organ Weight Data
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
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TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

LF TESTIS

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10			
MEAN:		713.4	1.8551	0.2641	0.7968	MEAN:		414.5			
STANDARD DEV:		105.5	0.3741	0.0658	0.1645	STANDARD DEV:		101.9			
M	5					F	5				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10			
MEAN:		668.6	1.6414	0.2531	0.6995	MEAN:		331.9*			
STANDARD DEV:		142.5	0.3094	0.0628	0.1325	STANDARD DEV:		39.7			

Table 24
Summary of Organ Weight Data
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

RT TESTIS

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10			
MEAN:		713.4	1.8759	0.2683	0.8100	MEAN:		414.5			
STANDARD DEV:		105.5	0.1801	0.0491	0.1189	STANDARD DEV:		101.9			
M	5					F	5				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10			
MEAN:		668.6	1.6551	0.2560	0.7054	MEAN:		331.9*			
STANDARD DEV:		142.5	0.2786	0.0631	0.1203	STANDARD DEV:		39.7			

Table 24
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

LF THYROID/PARA

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		713.4	0.0246	0.0035	0.0106	MEAN:		414.5	0.0136	0.0034	0.0065
STANDARD DEV:		105.5	0.0060	0.0008	0.0027	STANDARD DEV:		101.9	0.0062	0.0018	0.0034
M	5					F	5				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		668.6	0.0195*	0.0029	0.0083*	MEAN:		331.9*	0.0115	0.0034	0.0052
STANDARD DEV:		142.5	0.0041	0.0004	0.0018	STANDARD DEV:		39.7	0.0036	0.0010	0.0016

Table 24
Summary of Organ Weight Data
Week 53 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

RT THYROID/PARA

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		713.4	0.0249	0.0035	0.0107	MEAN:		414.5	0.0148	0.0037	0.0070
STANDARD DEV:		105.5	0.0048	0.0007	0.0018	STANDARD DEV:		101.9	0.0039	0.0011	0.0019
M	5					F	5				
NUMBER IN GROUP:		9	9	9	9	NUMBER IN GROUP:		10	10	10	10
MEAN:		668.6	0.0240	0.0036	0.0102	MEAN:		331.9*	0.0124	0.0038	0.0056
STANDARD DEV:		142.5	0.0093	0.0013	0.0040	STANDARD DEV:		39.7	0.0046	0.0014	0.0021

Table 24
Summary of Organ Weight Data
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

UTERUS

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO	SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO- BODY WT (%)	ORGAN-TO- BRAIN WT RATIO
M	1					F	1				
		NUMBER IN GROUP:	9					NUMBER IN GROUP:	10	10	10
		MEAN:	713.4					MEAN:	414.5	1.0175	0.2557
		STANDARD DEV:	105.5					STANDARD DEV:	101.9	0.3207	0.0951
M	5					F	5				
		NUMBER IN GROUP:	9					NUMBER IN GROUP:	10	10	10
		MEAN:	668.6					MEAN:	331.9*	1.0062	0.3111
		STANDARD DEV:	142.5					STANDARD DEV:	39.7	0.3090	0.1154

TABLE 25
Incidence of Macroscopic Observations
Week 4 Sacrifice

Covance 6329-183
3M T-6295

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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						--- NUMBER - OF - ANIMALS - AFFECTED ---									
TABLE INCLUDES:															
SEX=ALL; GROUP=1,2,3,4,5; WEEKS=ALL						SEX: -----MALE-----					-----FEMALE-----				
DEATH=1; SUBSET=ALL						GROUP: -1- -2- -3- -4- -5-					-1- -2- -3- -4- -5-				
ORGAN AND KEYWORD(S) OR PHRASE						NUMBER: 5 5 5 5 5					5 5 5 5 5				
-----						-- -- -- -- --					-- -- -- -- --				
** TOP OF LIST **															
GENERAL COMMENT (GC)						NUMBER EXAMINED: 5 5 5 5 5					5 5 5 5 5				
NO MACROSCOPIC LESIONS						5 5 5 5 5					5 5 5 5 5				
** END OF LIST **															

TABLE 26
Incidence of Macroscopic Observations
Week 14 Sacrifice

Covance 6329-183
3M T-6295

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
		SEX: -----MALE-----					-----FEMALE-----				
		GROUP: -1-	-2-	-3-	-4-	-5-	-1-	-2-	-3-	-4-	-5-
ORGAN AND KEYWORD(S) OR PHRASE	NUMBER:	5	5	5	5	5	5	5	5	5	5
-----		==	==	==	==	==	==	==	==	==	==
** TOP OF LIST **											
GENERAL COMMENT (GC)	NUMBER EXAMINED:	5	5	5	5	5	5	5	5	5	5
NO MACROSCOPIC LESIONS		3	1	4	3	3	2	5	4	2	3
BONE MARROW SMEAR TAKEN		4	5	5	5	5	5	5	5	5	5
MALOCCLUSION		0	0	0	0	1	0	0	0	0	0
KIDNEY (KD)	NUMBER EXAMINED:	5	5	5	5	5	5	5	5	5	5
	NOT REMARKABLE:	5	4	4	4	4	4	5	5	4	5
CYST(S)		0	0	0	0	0	1	0	0	0	0
LARGE PELVIS(ES)		0	1	1	1	1	0	0	0	1	0
GRANULAR MATERIAL		0	0	0	0	0	0	0	0	1	0
UTERUS (UT)	NUMBER EXAMINED:	0	0	0	0	0	5	5	5	5	5
	NOT REMARKABLE:	0	0	0	0	0	3	5	4	3	3
LUMEN FILLED WITH FLUID		0	0	0	0	0	2	0	1	2	2
THYMUS (TH)	NUMBER EXAMINED:	5	5	5	5	5	5	5	5	5	5
	NOT REMARKABLE:	4	5	5	5	4	5	5	5	5	5
RED FOCUS(I)/AREA(S)		1	0	0	0	1	0	0	0	0	0

002318

TABLE 26
Incidence of Macroscopic Observations
Week 14 Sacrifice

Covance 6329-183
3M T-6295

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

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[illegible]

TABLE 27
Incidence of Macroscopic Observations
Week 53 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES: SEX=ALL; GROUP=ALL; WEEKS=ALL DEATH=3; SUBSET=ALL		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---												
		SEX:	-----MALE-----						-----FEMALE-----					
		GROUP:	-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
ORGAN AND KEYWORD(S) OR PHRASE		NUMBER:	9	0	0	0	9	0	10	0	0	0	10	0
** TOP OF LIST **			---	---	---	---	---	---	---	---	---	---	---	---
GENERAL COMMENT (GC)		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
NO MACROSCOPIC LESIONS			5	0	0	0	3	0	1	0	0	0	2	0
BONE MARROW SMEAR TAKEN			9	0	0	0	9	0	10	0	0	0	10	0
MALOCCLUSION			1	0	0	0	1	0	2	0	0	0	0	0
ANIMAL OBESE			2	0	0	0	1	0	0	0	0	0	0	0
EYE (EY)		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
BRAIN (BR)		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	9	0	0	0	10	0
COMPRESSED (HYPOTHALAMUS)			0	0	0	0	0	0	1	0	0	0	0	0
LIVER (LI)		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	9	0
DIFFUSELY DARK			0	0	0	0	0	0	0	0	0	0	1	0
KIDNEY (KD)		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0

Table 27
Incidence of Macroscopic Observations
Week 53 Sacrifice

Covance 6329-183
3M T-6295

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

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ORGAN AND KEYWORD(S) OR PHRASE		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---											
		SEX: -----MALE-----						-----FEMALE-----					
		GROUP: -1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		9	0	0	0	9	0	10	0	0	0	10	0
		==	==	==	==	==	==	==	==	==	==	==	==
SPLEEN (SP)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	9	0
CYST(S)		0	0	0	0	0	0	0	0	0	0	1	0
PANCREAS (PA)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	9	0	0	0	10	0
MASS(ES)		0	0	0	0	0	0	1	0	0	0	0	0
ADRENAL, CORTEX (AC)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	9	0	0	0	10	0
LARGE		0	0	0	0	0	0	1	0	0	0	0	0
ADRENAL, MEDULLA (MA)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
LN, MESENTERIC (MS)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
UTERUS (UT)	NUMBER EXAMINED:	0	0	0	0	0	0	10	0	0	0	10	0
	NOT REMARKABLE:	0	0	0	0	0	0	9	0	0	0	9	0
LUMEN FILLED WITH FLUID		0	0	0	0	0	0	0	0	0	0	1	0

** CONTINUED ON NEXT PAGE **

Table 27
Incidence of Macroscopic Observations
Week 53 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---												
SEX=ALL; GROUP=ALL; WEEKS=ALL		SEX:	-----MALE-----						-----FEMALE-----					
DEATH=3; SUBSET=ALL		GROUP:	-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
ORGAN AND KEYWORD(S) OR PHRASE		NUMBER:	9	0	0	0	9	0	10	0	0	0	10	0
-----		-----	---	---	---	---	---	---	---	---	---	---	---	---
** FROM PREVIOUS PAGE **														
UTERUS (UT)		NUMBER EXAMINED:	0	0	0	0	0	0	10	0	0	0	10	0
THICKENED WALL		NOT REMARKABLE:	0	0	0	0	0	0	9	0	0	0	9	0
TESTIS (TE)			0	0	0	0	0	0	1	0	0	0	0	0
SMALL		NUMBER EXAMINED:	9	0	0	0	9	0	0	0	0	0	0	0
BONE, FEMUR (FE)		NOT REMARKABLE:	8	0	0	0	8	0	0	0	0	0	0	0
			1	0	0	0	1	0	0	0	0	0	0	0
		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
MARROW, FEMUR (FM)														
		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
MARROW, STERNUM (SE)														
		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
BONE, STERNUM (SB)														
		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0

Table 27
Incidence of Macroscopic Observations
Week 53 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES: SEX=ALL; GROUP=ALL; WEEKS=ALL DEATH=3; SUBSET=ALL		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---												
		SEX:	-----MALE-----						-----FEMALE-----					
		GROUP:	-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
ORGAN AND KEYWORD(S) OR PHRASE		NUMBER:	9	0	0	0	9	0	10	0	0	0	10	0
			==	==	==	==	==	==	==	==	==	==	==	==
SPINAL CORD (SC)		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
THYMUS (TH)		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	8	0	10	0	0	0	10	0
LARGE GELATINOUS			0	0	0	0	1	0	0	0	0	0	0	0
			0	0	0	0	1	0	0	0	0	0	0	0
LUNG (LU)		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	8	0	0	0	9	0	10	0	0	0	8	0
LIGHT FOCUS(I)/AREA(S) DARK FOCUS(I)/AREA(S)			0	0	0	0	0	0	0	0	0	0	2	0
			1	0	0	0	0	0	0	0	0	0	0	0
HEART (HT)		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
MUSCLE, SKELETAL (SM)		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
NERVE, SCIATIC (SN)		NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
		NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0

Table 27
Incidence of Macroscopic Observations
Week 53 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES: SEX=ALL; GROUP=ALL; WEEKS=ALL DEATH=3; SUBSET=ALL		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---												
		SEX:	-----MALE-----						-----FEMALE-----					
		GROUP:	-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
ORGAN AND KEYWORD(S) OR PHRASE		NUMBER:	9	0	0	0	9	0	10	0	0	0	10	0
			--	--	--	--	--	--	--	--	--	--	--	--
TRACHEA (TR)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0	0
ESOPHAGUS (ES)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0	0
THYROID (TY)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0	0
PARATHYROID (PT)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0	0
PITUITARY (PI)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	8	0	6	0	0	0	4	0	0
LARGE														
DARK FOCUS(I)/AREA(S)			0	0	0	0	0	2	0	0	0	3	0	0
RED FOCUS(I)/AREA(S)			0	0	0	0	0	2	0	0	0	0	0	0
RAISED AREA(S)			0	0	0	0	0	0	0	0	0	2	0	0
CYST(S)			0	0	0	0	0	0	0	0	0	1	0	0
			0	0	0	0	1	0	0	0	0	0	0	0
HARDERIAN GLAND (HG)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0	0

Table 27
Incidence of Macroscopic Observations
Week 53 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---											
		SEX: -----MALE-----						-----FEMALE-----					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		9	0	0	0	9	0	10	0	0	0	10	0
ORGAN AND KEYWORD(S) OR PHRASE		==	==	==	==	==	==	==	==	==	==	==	==
SALIV GL, MANDIB (SG)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
STOMACH, GL (ST)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	7	0	10	0	0	0	10	0
RED FOCUS(I)/AREA(S) THICKENED WALL		0	0	0	0	1	0	0	0	0	0	0	0
		0	0	0	0	1	0	0	0	0	0	0	0
STOMACH, NONGL (SU)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	8	0	10	0	0	0	10	0
THICKENED WALL		0	0	0	0	1	0	0	0	0	0	0	0
		0	0	0	0	1	0	0	0	0	0	0	0
DUODENUM (DU)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
JEJUNUM (JE)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
ILEUM (IL)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0

Table 27
Incidence of Macroscopic Observations
Week 53 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:		--- NUMBER - OF - ANIMALS - AFFECTED ---												
SEX=ALL; GROUP=ALL; WEEKS=ALL		SEX:	-----MALE-----						-----FEMALE-----					
DEATH=3; SUBSET=ALL		GROUP:	-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
ORGAN AND KEYWORD(S) OR PHRASE		NUMBER:	9	0	0	0	9	0	10	0	0	0	10	0
			--	--	--	--	--	--	--	--	--	--	--	--
CECUM (CE)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	0	10	0
COLON (CO)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	0	10	0
RECTUM (RE)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	0	10	0
SKIN (SK)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	8	0	0	0	0	10	0
CRUSTED AREA(S)														
LIGHT AREA(S)/FOCUS(I)			0	0	0	0	0	0	2	0	0	0	0	0
			0	0	0	0	0	0	1	0	0	0	0	0
MAMMARY, FEMALE (MF)	NUMBER EXAMINED:	0	0	0	0	0	0	10	0	0	0	0	10	0
	NOT REMARKABLE:	0	0	0	0	0	0	6	0	0	0	0	10	0
MASS(ES)														
THICKENED			0	0	0	0	0	0	1	0	0	0	0	0
CYST(S)			0	0	0	0	0	0	1	0	0	0	0	0
			0	0	0	0	0	0	2	0	0	0	0	0
URINARY BLADDER (UB)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	0	10	0

Table 27
Incidence of Macroscopic Observations
Week 53 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---												
SEX=ALL; GROUP=ALL; WEEKS=ALL		SEX: -----MALE-----						-----FEMALE-----						
DEATH=3; SUBSET=ALL														
ORGAN AND KEYWORD(S) OR PHRASE		GROUP:	-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
		NUMBER:	9	0	0	0	9	0	10	0	0	0	10	0
			--	--	--	--	--	--	--	--	--	--	--	--
CERVIX	(CV)	NUMBER EXAMINED:	0	0	0	0	0	0	10	0	0	0	10	0
		NOT REMARKABLE:	0	0	0	0	0	0	9	0	0	0	10	0
MASS	(ES)		0	0	0	0	0	0	1	0	0	0	0	0
OVARY	(OV)	NUMBER EXAMINED:	0	0	0	0	0	0	10	0	0	0	10	0
		NOT REMARKABLE:	0	0	0	0	0	0	9	0	0	0	10	0
CYST	(S)		0	0	0	0	0	0	1	0	0	0	0	0
VAGINA	(VA)	NUMBER EXAMINED:	0	0	0	0	0	0	10	0	0	0	10	0
		NOT REMARKABLE:	0	0	0	0	0	0	10	0	0	0	10	0
PROSTATE	(PR)	NUMBER EXAMINED:	9	0	0	0	9	0	0	0	0	0	0	0
		NOT REMARKABLE:	9	0	0	0	9	0	0	0	0	0	0	0
SEMINAL VESICLES	(SV)	NUMBER EXAMINED:	9	0	0	0	9	0	0	0	0	0	0	0
		NOT REMARKABLE:	9	0	0	0	9	0	0	0	0	0	0	0
EPIDIDYMIDES	(EP)	NUMBER EXAMINED:	9	0	0	0	9	0	0	0	0	0	0	0
		NOT REMARKABLE:	9	0	0	0	9	0	0	0	0	0	0	0

Table 27
Incidence of Macroscopic Observations
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

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TABLE INCLUDES: SEX=ALL; GROUP=ALL; WEEKS=ALL DEATH=3; SUBSET=ALL		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---												
		SEX:	-----MALE-----						-----FEMALE-----					
		GROUP:	-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
ORGAN AND KEYWORD(S) OR PHRASE		NUMBER:	9	0	0	0	9	0	10	0	0	0	10	0
			==	==	==	==	==	==	==	==	==	==	==	==
CAVITY, THORACIC (TA)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0	0
TAIL (TI)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0	0
LN, MANDIBULAR (MN)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	8	0	0	0	9	0	0
DIFFUSELY RED			0	0	0	0	0	2	0	0	0	1	0	0
LN, MEDIASTINAL (ML)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0	0
LN, AXILLARY (AX)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0	0
LN, INGUINAL (IN)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0	0
LN, OTHER (LN)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0	0

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Incidence of Macroscopic Observations
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3M T-6295

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

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TABLE INCLUDES:
SEX=ALL; GROUP=ALL; WEEKS=ALL
DEATH=3; SUBSET=ALL

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---													
SEX: -----MALE-----FEMALE-----													
GROUP:	-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-	
NUMBER:	9	0	0	0	9	0	10	0	0	0	10	0	
ORGAN AND KEYWORD(S) OR PHRASE	---	---	---	---	---	---	---	---	---	---	---	---	
LN, RENAL (RL)	NUMBER EXAMINED:	9	0	0	0	9	0	10	0	0	0	10	0
	NOT REMARKABLE:	9	0	0	0	9	0	10	0	0	0	10	0
MAMMARY, MALE (MM)	NUMBER EXAMINED:	9	0	0	0	9	0	0	0	0	0	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	0	0	0	0	0	0
COAGULATING GL (CG)	NUMBER EXAMINED:	9	0	0	0	9	0	0	0	0	0	0	0
	NOT REMARKABLE:	9	0	0	0	9	0	0	0	0	0	0	0
** END OF LIST **													

** END OF LIST **

002328

TABLE 28

Covance 6329-183
3M T-6295

Incidence of Microscopic Observations

Week 14 Sacrifice

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

PAGE: 1

TABLE INCLUDES:		NUMBER OF ANIMALS AFFECTED										
SEX=ALL; GROUP=1,2,3,4,5; WEEKS=ALL		SEX: MALE					SEX: FEMALE					
DEATH=2; FIND=ALL; SUBSET=ALL		GROUP:	1-	2-	3-	4-	5-	1-	2-	3-	4-	5-
ORGAN AND FINDING DESCRIPTION		NUMBER:	5	5	5	5	5	5	5	5	5	5
** TOP OF LIST **		---	---	---	---	---	---	---	---	---	---	---
EYE (EY)	NUMBER EXAMINED:	5	5	5	5	5	5	5	5	5	5	5
	NOT REMARKABLE:	5	5	5	5	5	5	5	5	5	5	5
BRAIN (BR)	NUMBER EXAMINED:	5	5	5	5	5	5	5	5	5	5	5
	NOT REMARKABLE:	5	5	5	5	5	5	5	5	5	5	5
LIVER (LI)	NUMBER EXAMINED:	5	5	5	5	5	5	5	5	5	5	5
	NOT REMARKABLE:	0	0	0	0	0	2	0	0	0	0	0
--INFILTRATE, LYMPHOHISTIOCYTIC		5	5	5	5	5	3	5	5	5	5	5
--HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR		0	0	0	5	5	0	0	0	0	1	4
--NECROSIS, INDIVIDUAL HEPATOCYTE		2	2	0	1	2	1	2	2	1	1	3
--VACUOLATION, HEPATOCELLULAR, MIDZONAL / CENTRIOLOBULAR		0	0	0	3	4	0	1	0	0	0	2
--VACUOLATION, HEPATOCELLULAR, PERIportal		2	3	2	0	0	1	0	3	2	1	1
--FOCUS, ALTERED HEPATOCELLULAR, CLEAR CELL		0	0	0	0	0	0	0	1	1	0	0
--NECROSIS, COAGULATIVE		0	0	0	0	0	0	0	1	0	0	0
KIDNEY (KD)	NUMBER EXAMINED:	5	5	5	5	5	5	5	5	5	5	5
	NOT REMARKABLE:	0	1	1	2	1	2	5	2	3	3	5
--INFILTRATE, LYMPHOHISTIOCYTIC		4	2	2	3	2	3	0	3	1	1	0
--DILATATION, PELVIC		0	2	1	1	2	0	0	1	1	1	0
--MINERALIZATION, PELVIC		0	0	0	0	1	0	0	0	1	0	0
--REGENERATION, TUBULAR EPITHELIUM		1	0	1	3	1	1	0	0	0	0	0
--MINERALIZATION, TUBULAR		0	0	0	0	0	0	0	1	0	0	0

Table 28
Incidence of Microscopic Observations

Covance 6329-183
3M T-6295

Week 14 Sacrifice

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
DRAFT

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TABLE INCLUDES:		--- NUMBER - OF - ANIMALS - AFFECTED ---									
SEX=ALL; GROUP=1,2,3,4,5; WEEKS=ALL DEATH=2; FIND=ALL; SUBSET=ALL		SEX: -----MALE-----					-----FEMALE-----				
ORGAN AND FINDING DESCRIPTION	GROUP:	-1-	-2-	-3-	-4-	-5-	-1-	-2-	-3-	-4-	-5-
	NUMBER:	5	5	5	5	5	5	5	5	5	5
-----		==	==	==	==	==	==	==	==	==	==
SPLEEN (SP)	NUMBER EXAMINED:	5	5	5	5	5	5	5	5	5	5
	NOT REMARKABLE:	3	3	4	5	4	0	0	1	0	0
--PIGMENT, INCREASED		2	2	1	0	1	5	5	4	5	5
PANCREAS (PA)	NUMBER EXAMINED:	5	5	5	5	5	5	5	5	5	5
	NOT REMARKABLE:	4	2	5	3	4	4	5	5	3	5
--ATROPHY, ACINAR		0	0	0	2	1	0	0	0	1	0
--INFILTRATE, LYMPHOHISTIOCYTIC		0	2	0	2	1	1	0	0	1	0
--INFILTRATE, MACROPHAGE, PIGMENTED		1	1	0	0	0	0	0	0	0	0
--HYPERPLASIA, ISLET CELLS		0	0	0	1	0	0	0	0	0	0
ADRENAL, CORTEX (AC)	NUMBER EXAMINED:	5	5	5	5	5	5	5	5	5	5
	NOT REMARKABLE:	5	3	5	5	5	4	5	5	4	5
--VACUOLATION, FOCAL		0	1	0	0	0	0	0	0	0	0
--UNILATERALLY EXAMINED		0	1	0	0	0	1	0	0	1	0
ADRENAL, MEDULLA (MA)	NUMBER EXAMINED:	5	5	5	5	5	5	5	5	5	5
	NOT REMARKABLE:	5	4	5	5	5	4	5	5	4	5
--UNILATERALLY EXAMINED		0	1	0	0	0	1	0	0	1	0
LN, MESENTERIC (MS)	NUMBER EXAMINED:	5	5	5	4	5	5	5	5	5	5
	NOT REMARKABLE:	5	5	5	4	4	5	5	5	5	5
--HEMORRHAGE		0	0	0	0	1	0	0	0	0	0

Table 28

Covance 6329-183
3M T-6295

Week 14 Sacrifice

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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[illegible]

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Incidence of Microscopic Observations

Covance 6329-183
3M T-6295

Week 14 Sacrifice

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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[illegible]

Table 28
Incidence of Microscopic Observations
Week 14 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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[illegible]

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Incidence of Microscopic Observations
Week 14 Sacrifice

Covance 6329-183
3M T-6295

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS
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TABLE INCLUDES:

SEX=ALL; GROUP=1, 2, 3, 4, 5; WEEKS=ALL
DEATH=2; FIND=ALL; SUBSET=ALL

--- NUMBER - OF - ANIMALS - AFFECTED ---

SEX: -----MALE----- FEMALE-----

GROUP: -1- -2- -3- -4- -5- -1- -2- -3- -4- -5-

ORGAN AND FINDING DESCRIPTION

NUMBER: 5 5 5 5 5 5 5 5 5 5

EPIDIDYMIDES (EP)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0

** END OF LIST **

TABLE 29
Incidence of Microscopic Observations
Week 53 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=1, 5; WEEKS=ALL
DEATH=3; FIND=ALL; SUBSET=ALL

--- NUMBER - OF - ANIMALS - AFFECTED ---

SEX: --MALE-- --FEMALE--

GROUP: -1- -5- -1- -5-

NUMBER: 10 9 10 10

ORGAN AND FINDING DESCRIPTION

** TOP OF LIST **

EYE (EY)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	10	9	10	10
BRAIN (BR)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	10	9	9	10
--COMPRESSION, VENTRAL		0	0	1	0
LIVER (LI)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	0	0	2	0
--INFILTRATE, LYMPHOHISTIOCYTIC		9	5	6	9
--HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR		0	8	0	9
--NECROSIS, INDIVIDUAL HEPATOCYTE		0	2	3	3
--VACUOLATION, HEPATOCELLULAR, MIDZONAL / CENTRIOLOBULAR		1	5	0	0
--VACUOLATION, HEPATOCELLULAR, PERIportal		3	2	2	1
--FOCUS, ALTERED HEPATOCELLULAR, CLEAR / EOSINOPHILIC CELL		7	0	0	0
--HYPERPLASIA, BILE DUCT		1	0	2	3
--HYPERTROPHY, HEPATOCELLULAR, PERIportal		1	0	0	0
--INFILTRATE, MACROPHAGE, PIGMENTED		2	1	0	3
--VACUOLATION, HEPATOCELLULAR		3	3	3	1
--HYPERTROPHY, HEPATOCELLULAR		0	1	0	0
--FOCUS, ALTERED HEPATOCELLULAR, BASOPHILIC		0	1	0	0
--CYST, BILIARY		0	0	0	1
--INFLAMMATION, SUBACUTE		0	0	2	0
--PIGMENT, HEPATOCELLULAR		0	0	0	6

Table 29
Incidence of Microscopic Observations
Week 53 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:		--- NUMBER - OF - ANIMALS - AFFECTED ---			
SEX=ALL; GROUP=1, 5; WEEKS=ALL		SEX: --MALE--		--FEMALE--	
DEATH=3; FIND=ALL; SUBSET=ALL		GROUP: -1- -5-		-1- -5-	
ORGAN AND FINDING DESCRIPTION	NUMBER:	10	9	10	10
		==	==	==	==
KIDNEY (KD)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	0	1	1	2
--INFILTRATE, LYMPHOHISTIOCYTIC		0	1	0	1
--DILATATION, PELVIC		0	0	0	1
--MINERALIZATION, PELVIC		1	0	6	4
--REGENERATION, TUBULAR EPITHELIUM		1	0	0	0
--MINERALIZATION, TUBULAR		0	1	4	6
--NEPHROPATHY, CHRONIC PROGRESSIVE		9	6	3	1
--PIGMENT, TUBULAR		0	2	1	1
--HYALINE DROPLETS, TUBULAR EPITHELIUM		0	1	0	0
--INFILTRATE, MACROPHAGE, PIGMENTED		0	0	1	0
SPLEEN (SP)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	0	2	0	0
--PIGMENT, INCREASED		10	7	10	10
--HEMATOPOIESIS, EXTRAMEDULLARY, INCREASED		6	2	5	2
--FIBROUS TAGS		0	0	0	1
PANCREAS (PA)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	3	2	9	7
--ZYMOMEN GRANULES, DECREASED		1	0	0	0
--INFILTRATE, LYMPHOHISTIOCYTIC		1	0	1	2
--INFILTRATE, MACROPHAGE, PIGMENTED		5	7	0	1
--HYPERPLASIA, ISLET CELLS		2	0	0	0
--ATROPHY, ACINAR		1	1	0	1

** CONTINUED ON NEXT PAGE **

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Incidence of Microscopic Observations
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---			
SEX=ALL;GROUP=1,5;WEEKS=ALL		SEX: --MALE--		--FEMALE--	
DEATH=3;FIND=ALL;SUBSET=ALL		GROUP: -1- -5-		-1- -5-	
ORGAN AND FINDING DESCRIPTION		NUMBER: 10 9 10 10			
-----		-- -- -- --			
** FROM PREVIOUS PAGE **					
PANCREAS (PA)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	3	2	9	7
--NECROSIS / INFLAMMATION, ADIPOSE TISSUE		0	0	1	0
ADRENAL, CORTEX (AC)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	2	2	1	0
--UNILATERALLY EXAMINED		0	0	1	0
--INFILTRATE, MACROPHAGE, PIGMENTED		6	4	5	8
--HEMORRHAGE		0	0	1	0
--HYPERTROPHY, CORTICAL CELL		2	3	0	3
--VACUOLATION, DIFFUSE		0	1	0	0
--DEGENERATION, CYSTIC / HEMORRHAGIC		0	0	4	1
--HYPERPLASIA, CORTICAL		0	0	0	1
ADRENAL, MEDULLA (MA)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	10	9	9	9
--UNILATERALLY EXAMINED		0	0	1	1
LN, MESENTERIC (MS)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	10	8	10	10
--HEMORRHAGE		0	1	0	0

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Incidence of Microscopic Observations
Week 53 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---			
SEX=ALL; GROUP=1, 5; WEEKS=ALL		SEX: --MALE--		--FEMALE-	
DEATH=3; FIND=ALL; SUBSET=ALL		GROUP: -1- -5-		-1- -5-	
ORGAN AND FINDING DESCRIPTION		NUMBER: 10 9		10 10	
		--- --		--- --	
OVARY (OV)	NUMBER EXAMINED:	0	0	10	10
	NOT REMARKABLE:	0	0	9	10
--CYST		0	0	1	0
TESTIS (TE)	NUMBER EXAMINED:	10	9	0	0
	NOT REMARKABLE:	8	9	0	0
--ATROPHY/DEGENERATION		2	0	0	0
--GRANULOMA, SPERM		1	0	0	0
BONE, FEMUR (FE)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	10	9	10	10
MARROW, FEMUR (FM)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	5	6	10	8
--HYPOCELLULAR, MARROW		5	3	0	1
--HYPERPLASIA, MYELOID, MARROW		0	0	0	1
MARROW, STERNUM (SE)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	9	9	10	9
--HYPERPLASIA, MYELOID, MARROW		0	0	0	1
--HYPOCELLULAR, MARROW		1	0	0	0

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Incidence of Microscopic Observations
Week 53 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---			
TABLE INCLUDES:		SEX: --MALE--		--FEMALE--	
SEX=ALL; GROUP=1,5; WEEKS=ALL					
DEATH=3; FIND=ALL; SUBSET=ALL					
		GROUP: -1- -5-		-1- -5-	
ORGAN AND FINDING DESCRIPTION		NUMBER: 10 9		10 10	
		--- --		--- --	
BONE, STERNUM (SB)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	10	9	10	10
SPINAL CORD (SC)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	10	9	10	10
THYMUS (TH)	NUMBER EXAMINED:	7	8	10	9
	NOT REMARKABLE:	5	2	7	6
--HEMORRHAGE		2	3	2	2
--DEPLETION, LYMPHOCYTIC		2	3	1	0
--M-THYMIC CARCINOMA		0	1	0	0
--CYST		0	0	0	1
LUNG (LU)	NUMBER EXAMINED:	10	9	10	10
	NOT REMARKABLE:	4	3	4	4
--CONGESTION		1	0	0	0
--EDEMA, PERIVASCULAR		3	3	2	2
--MINERALIZATION, VASCULAR		1	3	1	0
--HEMORRHAGE		1	1	2	1
--INFILTRATE, MACROPHAGE, ALVEOLAR		0	1	2	4
--INFILTRATE, LYMPHOHISTIOCYTIC		1	1	3	2

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Week 53 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=1,5; WEEKS=ALL
DEATH=3; FIND=ALL; SUBSET=ALL

--- NUMBER - OF - ANIMALS - AFFECTED ---

ORGAN AND FINDING DESCRIPTION	SEX: --MALE-- --FEMALE--			
	GROUP: -1- -5-		-1- -5-	
	NUMBER:	10	9	10
HEART (HT)	NUMBER EXAMINED:	10	9	10
	NOT REMARKABLE:	7	5	8
--CARDIOMYOPATHY		3	4	2
--HEMORRHAGE		0	1	0
MUSCLE, SKELETAL (SM)	NUMBER EXAMINED:	10	9	10
	NOT REMARKABLE:	10	9	10
NERVE, SCIATIC (SN)	NUMBER EXAMINED:	10	9	10
	NOT REMARKABLE:	10	9	10
TRACHEA (TR)	NUMBER EXAMINED:	10	9	10
	NOT REMARKABLE:	10	9	10
ESOPHAGUS (ES)	NUMBER EXAMINED:	10	9	9
	NOT REMARKABLE:	10	9	9
THYROID (TY)	NUMBER EXAMINED:	10	9	10
	NOT REMARKABLE:	8	9	10
--HYPERPLASIA, C-CELL		1	0	0
--M-CARCINOMA, FOLLICULAR CELL		1	0	0

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Week 53 Sacrifice

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=1, 5; WEEKS=ALL
DEATH=3; FIND=ALL; SUBSET=ALL

		--- NUMBER - OF - ANIMALS - AFFECTED ---			
		SEX: --MALE--		--FEMALE--	
		GROUP: -1-	-5-	-1-	-5-
ORGAN AND FINDING DESCRIPTION		NUMBER:	10	9	10
			10	10	10
PARATHYROID (PT)		NUMBER EXAMINED:	10	9	10
		NOT REMARKABLE:	10	9	10
PITUITARY (PI)		NUMBER EXAMINED:	10	9	10
		NOT REMARKABLE:	4	8	5
--B-ADENOMA			4	1	4
--HYPERPLASIA			2	1	1
--ANGIECTASIS			1	0	3
HARDERIAN GLAND (HG)		NUMBER EXAMINED:	10	9	10
		NOT REMARKABLE:	10	8	9
--INFILTRATE, LYMPHOHISTIOCYTIC			0	1	1
SALIV GL, MANDIB (SG)		NUMBER EXAMINED:	10	9	10
		NOT REMARKABLE:	10	9	10
STOMACH, GL (ST)		NUMBER EXAMINED:	10	9	10
		NOT REMARKABLE:	9	7	8
--EDEMA			0	0	1
--INFLAMMATION, ACUTE			1	0	2
--CONGESTION			0	1	0
--EROSION			0	1	0

Table 29
Incidence of Microscopic Observations
Week 53 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:
SEX=ALL; GROUP=1,5; WEEKS=ALL
DEATH=3; FIND=ALL; SUBSET=ALL

--- NUMBER - OF - ANIMALS - AFFECTED ---

ORGAN AND FINDING DESCRIPTION	SEX: --MALE-- --FEMALE--			
	GROUP: -1- -5-		-1- -5-	
	NUMBER:	10	9	10
		10	10	10
STOMACH, NONGL (SU)	NUMBER EXAMINED:	10	9	10
	NOT REMARKABLE:	9	9	10
--ACANTHOSIS / HYPERKERATOSIS		1	0	0
DUODENUM (DU)	NUMBER EXAMINED:	10	9	10
	NOT REMARKABLE:	10	9	10
JEJUNUM (JE)	NUMBER EXAMINED:	10	9	10
	NOT REMARKABLE:	10	9	10
ILEUM (IL)	NUMBER EXAMINED:	10	9	10
	NOT REMARKABLE:	10	9	10
CECUM (CE)	NUMBER EXAMINED:	10	9	10
	NOT REMARKABLE:	10	9	10
COLON (CO)	NUMBER EXAMINED:	10	9	10
	NOT REMARKABLE:	10	9	10

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Incidence of Microscopic Observations
Week 53 Sacrifice

Covance 6329-183
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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:		--- NUMBER - OF - ANIMALS - AFFECTED ---			
SEX=ALL; GROUP=1, 5; WEEKS=ALL		SEX: --MALE--		--FEMALE-	
DEATH=3; FIND=ALL; SUBSET=ALL		GROUP: -1- -5-		-1- -5-	
ORGAN AND FINDING DESCRIPTION	NUMBER:	10	9	10	10
RECTUM (RE)		10	9	10	10
NUMBER EXAMINED:		10	9	10	10
NOT REMARKABLE:		10	7	10	10
--PARASITISM		0	2	0	0
SKIN (SK)		10	9	10	10
NUMBER EXAMINED:		10	9	10	10
NOT REMARKABLE:		10	9	8	10
--ACANTHOSIS/HYPERKERATOSIS		0	0	2	0
--INFLAMMATION, CHRONIC-ACTIVE		0	0	2	0
--ULCERATION		0	0	2	0
--HEMORRHAGE		0	0	1	0
--DEGENERATION, MUSCLE, SUBCUTANEOUS		0	0	1	0
MAMMARY, FEMALE (MF)		0	0	10	10
NUMBER EXAMINED:		0	0	10	10
NOT REMARKABLE:		0	0	3	2
--CYST / GALACTOCELE		0	0	3	2
--HYPERPLASIA, GLANDULAR		0	0	4	4
--SECRETORY MATERIAL		0	0	6	5
--M-FIBROSARCOMA		0	0	1	0
URINARY BLADDER (UB)		10	9	10	9
NUMBER EXAMINED:		10	9	10	9
NOT REMARKABLE:		7	7	10	8
--INFILTRATE, LYMPHOHISTIOCYTIC		3	0	0	1
--PROTEINACEOUS MATERIAL, LUMINAL		0	2	0	0

Table 29
Incidence of Microscopic Observations
Week 53 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---			
SEX=ALL;GROUP=1,5;WEEKS=ALL		SEX: --MALE--		--FEMALE--	
DEATH=3;FIND=ALL;SUBSET=ALL		GROUP: -1- -5-		-1- -5-	
ORGAN AND FINDING DESCRIPTION		NUMBER: 10 9		10 10	
-----		-- --		-- --	
UTERUS (UT)	NUMBER EXAMINED:	0	0	10	10
	NOT REMARKABLE:	0	0	10	7
--DILATATION		0	0	0	3
CERVIX (CV)	NUMBER EXAMINED:	0	0	10	10
	NOT REMARKABLE:	0	0	9	10
--CYST, SQUAMOUS		0	0	1	0
VAGINA (VA)	NUMBER EXAMINED:	0	0	10	9
	NOT REMARKABLE:	0	0	10	9
PROSTATE (PR)	NUMBER EXAMINED:	10	9	0	0
	NOT REMARKABLE:	4	6	0	0
--INFLAMMATION, CHRONIC-ACTIVE		5	3	0	0
--INFILTRATE, LYMPHOHISTIOCYTIC		1	0	0	0
SEMINAL VESICLES (SV)	NUMBER EXAMINED:	10	9	0	0
	NOT REMARKABLE:	10	9	0	0
EPIDIDYMIDES (EP)	NUMBER EXAMINED:	10	9	0	0
	NOT REMARKABLE:	9	7	0	0
--IMMATURE SPERM FORMS		0	1	0	0
** CONTINUED ON NEXT PAGE **					

** CONTINUED ON NEXT PAGE **

Table 29
Incidence of Microscopic Observations
Week 53 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:		--- NUMBER - OF - ANIMALS - AFFECTED ---			
SEX=ALL; GROUP=1, 5; WEEKS=ALL DEATH=3; FIND=ALL; SUBSET=ALL		SEX: --MALE--		--FEMALE--	
ORGAN AND FINDING DESCRIPTION		GROUP: -1- -5-		-1- -5-	
** FROM PREVIOUS PAGE **		NUMBER: 10 9		10 10	
EPIDIDYMIDES (EP)		NUMBER EXAMINED: 10 9		0 0	
		NOT REMARKABLE: 9 7		0 0	
--INFILTRATE, LYMPHOHISTIOCYTIC		1 1		0 0	
HEMATO NEOPLASIA (HN)		NUMBER EXAMINED: 10 9		10 10	
		NOT REMARKABLE: 10 9		10 10	
CAUSE OF DEATH (CD)		NUMBER EXAMINED: 10 9		10 10	
		NOT REMARKABLE: 0 0		0 0	
--SCHEDULED SACRIFICE		10 9		10 10	
LN, MEDIASTINAL (ML)		NUMBER EXAMINED: 0 0		0 0	
		NOT REMARKABLE: 0 0		0 0	
LN, AXILLARY (AX)		NUMBER EXAMINED: 0 0		0 0	
		NOT REMARKABLE: 0 0		0 0	
LN, INGUINAL (IN)		NUMBER EXAMINED: 0 0		1 0	
		NOT REMARKABLE: 0 0		0 0	
--INFILTRATE, MACROPHAGE, PIGMENTED		0 0		1 0	
--HEMORRHAGE		0 0		1 0	

Table 29
Incidence of Microscopic Observations
Week 53 Sacrifice

Covance 6329-183
3M T-6295

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

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ORGAN AND FINDING DESCRIPTION		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---			
		SEX: --MALE--		--FEMALE-	
		GROUP: -1- -5-		-1- -5-	
		NUMBER: 10	9	10	10
		---	---	---	---
LN, OTHER (LN)	NUMBER EXAMINED:	0	0	0	0
	NOT REMARKABLE:	0	0	0	0
LN, RENAL (RL)	NUMBER EXAMINED:	0	0	0	0
	NOT REMARKABLE:	0	0	0	0
LN, MANDIBULAR (MN)	NUMBER EXAMINED:	1	0	2	1
	NOT REMARKABLE:	0	0	0	0
--HYPERPLASIA, PLASMACYTIC		0	0	2	0
	--HEMORRHAGE	1	0	2	1
VERTEBRA/MARROW (VT)	NUMBER EXAMINED:	0	0	0	0
	NOT REMARKABLE:	0	0	0	0
MAMMARY, MALE (MM)	NUMBER EXAMINED:	0	0	0	0
	NOT REMARKABLE:	0	0	0	0
COAGULATING GL (CG)	NUMBER EXAMINED:	0	0	0	0
	NOT REMARKABLE:	0	0	0	0

Table 29
Incidence of Microscopic Observations
Week 53 Sacrifice

Covance 6329-183
3M T-6295

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104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH
PERFLUOROOCTANE SULFONIC ACID POTASSIUM SALT IN RATS

TABLE INCLUDES:

SEX=ALL; GROUP=1, 5; WEEKS=ALL
DEATH=3; FIND=ALL; SUBSET=ALL

--- NUMBER - OF - ANIMALS - AFFECTED ---

SEX: --MALE-- --FEMALE--

GROUP: -1- -5- -1- -5-

ORGAN AND FINDING DESCRIPTION

NUMBER: 10 9 10 10

-- -- -- --

TAIL (TI)

NUMBER EXAMINED: 0 0 0 0
NOT REMARKABLE: 0 0 0 0

** END OF LIST **

Table 30

Results of Homogeneity Analyses (ppm)
Mixed 3/18/98

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Samples Location	Replicate	T-6295 (ppm)	
		0.5	20
Top	1	0.605	21.3
	2	0.588	21.4
	Mean	0.597 (119) ^a	21.4 (107)
Middle	1	0.657	23.6
	2	0.690	23.5
	Mean	0.674 (135)	23.6 (118)
Bottom	1	0.601	24.6
	2	0.631	20.4
	Mean	0.616 (123)	22.5 (113)

^a Each value in parenthesis is the percent of theoretical.

Table 30 (Continued)

Results of Homogeneity Analyses (ppm)
Mixed 4/16/98

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Sample Location	Replicate	T-6295 (ppm)			
		0.5	2	5	20
Top	1	0.743	2.22	5.36	18.1
	2	0.521	2.03	5.48	17.4
	3	0.406	2.12	4.04	18.4
	Mean	0.557 (111) ^a	2.12 (106)	4.96 (99.2)	18.0 (90.0)
Middle	1	0.478	2.28	4.90	19.7
	2	0.478	2.01	4.90	19.5
	3	0.486	2.09	5.28	21.3
	Mean	0.481 (96.2)	2.13 (107)	5.03 (101)	20.2 (101)
Bottom	1	0.955	2.04	4.70	17.6
	2	0.519	2.03	5.00	18.7
	3	0.359	1.84	4.94	18.4
	Mean	0.611 (122)	1.97 (98.5)	4.88 (97.6)	18.2 (91.0)

^a Each value in parenthesis is the percent of theoretical.

Table 30 (Continued)

Results of Homogeneity Analyses (ppm)
Mixed 6/18/98

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Sample Location	Replicate	T-6295 (ppm)			
		0.5	2	5	20
Top	1	0.566	2.38	4.87	20.3
	2	1.10	2.71	5.18	18.7
	3	0.955	2.23	4.90	18.6
	Mean	0.874 (175)	2.44 (122)	4.98 (99.6)	19.2 (96.0)
Top ^b	1	0.483	-	-	-
	2	0.480	-	-	-
	3	0.401	-	-	-
	Mean	0.455 (91.0)	-	-	-
Middle	1	0.617	2.50	5.15	18.3
	2	0.637	2.11	5.43	17.8
	3	0.635	2.05	4.70	18.2
	Mean	0.630 (126)	2.22 (111)	5.09 (102)	18.1 (90.5)
Bottom	1	0.640	3.08	5.08	19.4
	2	0.694	2.29	5.12	20.5
	3	0.532	2.41	5.15	18.2
	Mean	0.622 (124)	2.59 (130)	5.12 (102)	19.4 (97.0)

a Each value in parenthesis is the percent of theoretical.

b Reassay.

Table 30 (Continued)

Results of Homogeneity Analyses (ppm)
Mixed 04/22/98

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Sample Location	Replicate	T-6295 (ppm)
		20
Top	1	18.9
	2	18.4
	Mean	18.7 (93.5) ^a
Middle	1	20.1
	2	19.6
	Mean	19.9 (99.5)
Bottom	1	21.1
	2	20.1
	Mean	20.6 (103)

a Each value in parenthesis is the percent of theoretical.

Table 31

Results of Stability Analyses (ppm)
Mixed 3/18/98

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Storage Conditions	Replicate	T6295 (ppm)			
		0.5	1.0	2.0	20
Initial ^a	1	0.657	1.15	2.29	23.6
	2	0.690	1.51	2.67	23.5
	Mean	0.674 (135) ^b	1.33 (133)	2.48 (124)	23.6 (118)
28 days, room temperature	1	0.507	1.11	1.94	20.7
	2	0.554	0.937	2.01	20.8
	Mean	0.531 (106)	1.02 (102)	1.98 (99.0)	20.8 (104)

a Results for the 0.5- and 20- levels were derived from the sample collected from the middle of the dose preparations for homogeneity analysis.

b Each value in the parenthesis is the percent of theoretical.

Table 31 (Continued)

Results of Stability Analyses (ppm)
Mixed 4/16/98

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Storage Conditions	Replicate	T6295 (ppm)			
		0.5	1.0	2.0	20
Initial ^a	1	0.478	2.28	4.90	19.7
	2	0.478	2.01	4.90	19.5
	3	0.486	2.09	5.28	21.3
	Mean	0.481 (96.2) ^b	2.13 (107)	5.03 (101)	20.2 (101)
33 days, room temperature	1	0.527	2.57	5.64	28.4
	2	0.553	2.54	5.83	22.1
	Mean	0.540 (108)	2.56 (128)	5.74 (115)	25.6 (128)

a Results were derived from the sample collected from the middle of the dose preparations for homogeneity analysis

b Each value in the parenthesis is the percent of theoretical.

Table 32

Results of Dose Preparation Analysis (ppm)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Mix Date	Replicate	T-6295 (ppm)			
		0.5	1.0	2.0	20
3/18/98	1	0.657	1.15	2.29	23.6
	2	0.690	1.51	2.67	23.5
	Mean	0.674 (135) ^b	1.33 (133)	2.48 (124)	23.6 (118)

a Results for the 0.5- and 20- levels were derived from the sample collected from the middle of the dose preparations for homogeneity analysis.

b Each value in the parenthesis is the percent of theoretical.

Table 32 (Continued)

Results of Dose Preparation Analysis (ppm)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Mix Date	Replicate	T-6295 (ppm)				
		0	0.5	2.0	5.0	20
4/16/98 ^a	1	b	0.478	2.28	4.90	19.7
	2	b	0.478	2.01	4.90	19.5
	3	-	0.486	2.09	5.28	21.3
	Mean	-	0.481 (96.2) ^c	2.13 (107)	5.03 (101)	20.2 (101)
4/23/98	1	b	0.375	2.07	6.54	19.9
	2	b	0.379	1.76	4.92	21.3
	Mean	-	0.377 (75.4)	1.92 (96.0)	5.73 (115)	20.6 (103)
4/23/98 ^d	1	-	0.674	-	0.780	-
	2	-	0.535	-	4.78	-
	Mean	-	0.605 (121)	-	2.78 (55.6)	-
4/23/98 ^e	1	-	0.517	-	4.55	-
	2	-	0.406	-	6.12	-
	Mean	-	0.462 (92.4)	-	5.34 (107)	-
4/30/98	1	b	0.551	2.12	5.55	22.6
	2	b	0.478	2.11	6.03	22.1
	Mean	-	0.515 (103)	2.12 (106)	5.79 (116)	22.4 (112)
4/30/98 ^d	1	-	-	-	5.24	-
	2	-	-	-	5.24	-
	Mean	-	-	-	5.24(105)	-

a Results for the 0.5-, 2.0-, 5.0- and 20-ppm levels were derived from the sample collected

from the middle of the dose preparations for homogeneity analysis.

b Below the limit of quantitation (<0.4 ppm).

c Each value in the parenthesis is the percent of theoretical.

d Reassay.

e Retention.

Table 32 (continued)

Results of Dose Preparation Analysis (ppm)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Mix Date	Replicate	T-6295 (ppm)				
		0	0.5	2.0	5.0	20
5/7/98	1	0.962	0.406	1.73	4.37	18.2
	2	0.942	0.390	1.74	4.31	18.2
	Mean	0.952	0.398 (79.6) ^c	1.74 (87.0)	4.34 (86.8)	18.2 (91.0)
5/7/98 ^d	1	1.11	0.202	-	-	-
	2	1.12	0.557	-	-	-
	Mean	1.12	0.380 (76.0)	-	-	-
5/7/98 ^e	1	b	0.476	-	-	-
	2	b	0.347	-	-	-
	Mean	-	0.412 (82.4)	-	-	-
5/14/98	1	b	0.474	2.52	5.48	19.8
	2	b	0.402	2.54	5.06	21.5
	Mean	-	0.438 (87.6)	2.53 (127)	5.27 (105)	20.7 (104)
5/21/98 ^f	1	<0.75	0.157	1.60	4.98	19.6
	2	<0.75	0.349	1.86	6.27	20.9
	Mean	-	0.253 (50.6)	1.73 (86.5)	5.63 (113)	20.3 (102)
5/21/98 ^d	1	b	0.248	-	-	-
	2	b	0.326	-	-	-
	Mean	-	0.287 (57.4)	-	-	-
5/28/98	1	b	0.442	1.95	6.19	21.8
	2	b	0.453	2.29	6.49	22.3
	Mean	-	0.448 (89.6)	2.12 (106)	6.34 (127)	22.1 (111)

b Below the limit of quantitation (<0.4 ppm).

c Each value in the parenthesis is the percent of theoretical.

d Reassay.

e Retention.

f The low standard (0.4 ppm) was not used for the calibration curve.

Table 32 (continued)

Results of Dose Preparation Analysis (ppm)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Mix Date	Replicate	T-6295 (ppm)				
		0	0.5	2.0	5.0	20
6/4/98 ^g	1	b	0.618	1.95	4.91	18.2
	2	b	0.610	1.66	5.39	20.3
	Mean	-	0.614 (123) ^c	1.81 (90.5)	5.15 (103)	19.3 (96.5)
6/11/98 ^g	1	b	0.446	2.25	5.22	19.0
	2	b	0.539	1.91	4.81	16.9
	Mean	-	0.493 (98.6)	2.08 (104)	5.02 (100)	18.0 (90.0)
6/18/98 ^a	1	b	0.617	2.50	5.15	18.3
	2	b	0.637	2.11	5.43	17.8
	3	-	0.635	2.05	4.70	18.2
	Mean	-	0.630 (126)	2.22 (111)	5.09 (102)	18.1 (90.5)
7/16/98	1	b	0.564	1.60	3.90	17.9
	2	b	0.519	1.90	4.13	17.4
	Mean	-	0.542 (108)	1.75 (87.5)	4.02 (80.4)	17.7 (88.5)
7/16/98 ^d	1	-	-	-	4.76	-
	2	-	-	-	5.41	-
	Mean	-	-	-	5.09 (102)	-
8/13/98	1	b	0.478	2.07	5.60	18.9
	2	b	0.569	2.04	4.95	19.9
	Mean	-	0.524 (105)	2.06 (103)	5.28 (106)	19.4 (97.0)

a Results for the 0.5-, 2.0-, 5.0- and 20-ppm levels were derived from the sample collected from the middle of the dose preparations for homogeneity analysis.

b Below the limit of quantitation (<0.4 ppm).

c Each value in the parenthesis is the percent of theoretical.

d Reassay.

g Reassayed due to unacceptable calibration curve for original assays.

Table 32 (continued)

Results of Dose Preparation Analysis (ppm)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Mix Date	Replicate	T-6295 (ppm)				
		0	0.5	2.0	5.0	20
9/10/98	1	b	0.477	2.23	4.58	17.1
	2	b	2.28	2.27	4.64	16.8
	Mean	-	1.38 (276) ^c	2.25 (113)	4.61 (92.2)	17.0 (85.0)
9/10/98 ^d	1	-	0.213	-	-	-
	2	-	0.231	-	-	-
	Mean	-	0.222 (44.4)	-	-	-
9/10/98 ^e	1	-	1.09	-	-	-
	2	-	1.27	-	-	-
	Mean	-	1.18 (236)	-	-	-
9/10/98 ^{d,e}	1	-	b	-	-	-
	2	-	b	-	-	-
	Mean	-	-	-	-	-
9/10/98 ^f	1	-	0.475	-	-	-
	2	-	0.386	-	-	-
	Mean	-	0.431 (86.2)	-	-	-
10/8/98	1	b	0.836	1.79	5.68	17.9
	2	b	0.482	1.83	4.90	17.2
	Mean	-	0.659 (132)	1.81 (90.5)	5.29 (106)	17.6 (88.0)

b Below the limit of quantitation (<0.4 ppm).

c Each value in the parenthesis is the percent of theoretical.

d Reassay.

e Retention.

f Reassay of the retention.

Table 32 (continued)

Results of Dose Preparation Analysis (ppm)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Mix Date	Replicate	T-6295 (ppm)				
		0	0.5	2.0	5.0	20
10/8/98 ^d	1	-	b	-	-	-
	2	-	0.649 (130) ^c	-	-	-
	Mean	-	-	-	-	-
10/8/98 ^e	1	-	0.473	-	-	-
	2	-	1.02	-	-	-
	Mean	-	0.747 (149)	-	-	-
10/8/98 ^f	1	-	0.474	-	-	-
	2	-	0.497	-	-	-
	Mean	-	0.486 (97.2)	-	-	-
11/5/98	1	b	0.546	1.84	4.33	16.3
	2	b	0.556	2.05	4.45	15.4
	Mean	-	0.551 (110)	1.95 (97.5)	4.39 (87.8)	15.9 (79.5)
12/3/98	1	b	b	1.65 ^g	3.86	14.6
	2	b	b	1.51	3.69	16.6
	Mean	-	-	1.58 (79.0)	3.78 (75.6)	15.6 (78.0)
12/3/98 ^d	1	-	0.607	1.98	-	-
	2	-	0.539	1.69	-	-
	Mean	-	0.573 (115)	1.84 (92.0)	-	-

b Below the limit of quantitation (<0.4 ppm).

d Reassay.

c Each value in the parenthesis is the percent of theoretical.

e Retention.

f Reassay of the retention

g Group will reassayed due to unacceptable chromatography.

Table 32 (continued)

Results of Dose Preparation Analysis (ppm)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Mix Date	Replicate	T-6295 (ppm)				
		0	0.5	2.0	5.0	20
12/31/98	1	b	0.339	1.89	4.42	19.0
	2	b	0.246	1.69	4.71	19.4
	Mean	-	0.293 (58.6) ^c	1.79 (89.5)	4.57 (91.4)	19.2 (96.0)
12/31/98 ^d	1	-	0.442	-	-	-
	2	-	0.422	-	-	-
	Mean	-	0.432 (86.4)	-	-	-
1/28/99	1	b	e	1.67	4.71	17.6
	2	b	e	2.05	4.92	17.1
	Mean	-	-	1.86 (93.0)	4.82 (96.4)	17.4 (87.0)
1/28/99 ^d	1	-	b	-	-	-
	2	-	b	-	-	-
	Mean	-	-	-	-	-
1/28/99 ^d	1	-	b	-	-	-
	2	-	b	-	-	-
	Mean	-	-	-	-	-
2/25/99	1	1.498	0.907	2.06	5.67	20.1
	2	b	0.852	6.79	7.48	20.1
	Mean	-	0.880 (176)	4.43 (222)	6.58 (132)	20.1 (101)
2/25/99 ^d	1	b	0.450	1.64	4.91	-
	2	b	0.526	2.06	4.56	-
	Mean	b	0.488 (97.6)	1.85 (92.5)	4.74 (94.8)	-

b Below the limit of quantitation (<0.4 ppm).

c Each value in the parenthesis is the percent of theoretical.

d Reassay.

e This level was outside of the modified standard curve and will be retested.

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Table 32 (continued)

Results of Dose Preparation Analysis (ppm)

104-WEEK DIETARY CHRONIC TOXICITY AND CARCINOGENICITY STUDY WITH PERFLUOROOCTANE
SULFONIC ACID POTASSIUM SALT (PFOS; T-6295) IN RATS

Mix Date	Replicate	T-6295 (ppm)				
		0	0.5	2.0	5.0	20
3/25/99	1	b	0.414 (82.8) ^c	1.91	5.44	18.5
	2	b	b	2.97	5.59	19.9
	Mean	-	-	2.44 (122)	5.52 (110)	19.2 (96.0)
3/25/99 ^d	1	-	1.63	2.18	-	-
	2	-	0.702	1.91	-	-
	Mean	-	1.17 (234)	2.05 (103)	-	-
4/22/99	1	b	b	1.97	4.73	17.7
	2	b	b	2.04	5.72	18.8
	Mean	-	-	2.01 (101)	5.23 (105)	18.3 (91.5)
4/22/99 ^d	1	-	0.431	-	5.06	-
	2	-	0.405	-	4.90	-
	Mean	-	0.418 (83.6)	-	4.98 (99.6)	-
5/20/99	1	b	0.582	1.76	4.65	17.8
	2	b	0.531	1.68	4.67	20.1
	Mean	-	0.557 (111)	1.72 (86.0)	4.66 (93.2)	19.0 (95.0)

b Below the limit of quantitation (<0.4 ppm).

c Each value in the parenthesis is the percent of theoretical.

d Reassay.