

Experiment Number: 20614 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Perfluorooctanoic Acid
CAS Number: 335-67-1

Date Report Requested: 06/07/2018
Time Report Requested: 16:21:04
First Dose M/F: 07/27/09 / NA
Lab: BAT

Custom Rpt (Litter-Based) -- 0-0, 300-0

NTP Study Number:	C20614B		
Lock Date:	01/10/2012		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25021 TSAC	25020 NATD	25019 MSAC
Removal Date Range:	ALL		
Treatment Groups:	Include 001 0/0 ppm	Include 002 300/0 ppm	
Study Gender:	Male		
TDMSE Version:	2.5.0.0_sfh		
PWG Approval Date:	NONE		

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**FOR ALL DOSES THE TUMOR RATES IN THE FOLLOWING TISSUES/ORGANS ARE BASED ON NUMBER OF TISSUES EXAMINED.
IN OTHER TISSUES/ORGANS RATES ARE BASED ON THE NUMBER OF ANIMALS NECROPSIED.**

Adrenal Medulla

Brain

Heart

Islets, Pancreatic

Pancreas

Pituitary Gland

Prostate

Testes

Thyroid Gland

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF PERFLUOROOCCTANOIC ACID

MALE RATS

Organ

Skin

Morphology

Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma
Keratoacanthoma

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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Adrenal Medulla
Pheochromocytoma Benign

TUMOR RATES

OVERALL (a)	8/50 (16%)	8/50 (16%)
LITTERS (b)	8/25 (32%)	7/25 (28%)
POLY-3 RATE (c)	8/43.55	8/43.72
POLY-3 PERCENT (g)	18.4%	18.3%
TERMINAL (d)	6/36 (17%)	5/35 (14%)
FIRST INCIDENCE	675	617

STATISTICAL TESTS

POLY 3	P=0.605N
POLY 1.5	P=0.598N
POLY 6	P=0.606
RAO-SCOTT	P=0.595N
LITTER C-A/FISHERS	P=0.500N

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TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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**Bone
Sarcoma**

TUMOR RATES	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/43.13	2/44.18
POLY-3 PERCENT (g)	0%	4.5%
TERMINAL (d)	0/36 (0%)	0/35 (0%)
FIRST INCIDENCE	---	351

STATISTICAL TESTS

POLY 3	P=0.242
POLY 1.5	P=0.243
POLY 6	P=0.242
RAO-SCOTT	P=0.336
LITTER C-A/FISHERS	P=0.245

Experiment Number: 20614 - 02

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Species/Strain: RATS/HSD

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First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
------	---------	-----------

Brain

Granular Cell Tumor Benign

TUMOR RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	2/43.13	0/43.27
POLY-3 PERCENT (g)	4.6%	0%
TERMINAL (d)	2/36 (6%)	0/35 (0%)
FIRST INCIDENCE	743 (T)	---

STATISTICAL TESTS

POLY 3	P=0.236N
POLY 1.5	P=0.235N
POLY 6	P=0.237N
RAO-SCOTT	P=0.330N
LITTER C-A/FISHERS	P=0.245N

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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Heart
Schwannoma Malignant

TUMOR RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/43.13	2/43.27
POLY-3 PERCENT (g)	0%	4.6%
TERMINAL (d)	0/36 (0%)	2/35 (6%)
FIRST INCIDENCE	---	743 (T)

STATISTICAL TESTS

POLY 3	P=0.238
POLY 1.5	P=0.240
POLY 6	P=0.236
RAO-SCOTT	P=0.342
LITTER C-A/FISHERS	P=0.245

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First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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Islets, Pancreatic
Adenoma

TUMOR RATES

OVERALL (a)	5/50 (10%)	3/50 (6%)
LITTERS (b)	5/25 (20%)	3/25 (12%)
POLY-3 RATE (c)	5/43.30	3/43.27
POLY-3 PERCENT (g)	11.6%	6.9%
TERMINAL (d)	4/36 (11%)	3/35 (9%)
FIRST INCIDENCE	697	743 (T)

STATISTICAL TESTS

POLY 3	P=0.356N
POLY 1.5	P=0.351N
POLY 6	P=0.361N
RAO-SCOTT	P=0.344N
LITTER C-A/FISHERS	P=0.351N

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First Dose M/F: 07/27/09 / NA
Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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**Mammary Gland
Fibroadenoma**

TUMOR RATES

	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	2/44.06	0/43.27
POLY-3 PERCENT (g)	4.5%	0%
TERMINAL (d)	1/36 (3%)	0/35 (0%)
FIRST INCIDENCE	302	---

STATISTICAL TESTS

POLY 3	P=0.241N
POLY 1.5	P=0.238N
POLY 6	P=0.243N
RAO-SCOTT	P=0.336N
LITTER C-A/FISHERS	P=0.245N

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Test Type: CHRONIC

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Species/Strain: RATS/HSD

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Perfluorooctanoic Acid

CAS Number: 335-67-1

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Time Report Requested: 16:21:04

First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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**Pancreas
Adenoma**

TUMOR RATES

OVERALL (a)	3/50 (6%)	7/50 (14%)
LITTERS (b)	3/25 (12%)	6/25 (24%)
POLY-3 RATE (c)	3/43.13	7/43.27
POLY-3 PERCENT (g)	7%	16.2%
TERMINAL (d)	3/36 (8%)	7/35 (20%)
FIRST INCIDENCE	743 (T)	743 (T)

STATISTICAL TESTS

POLY 3	P=0.157
POLY 1.5	P=0.161
POLY 6	P=0.154
RAO-SCOTT	P=0.205
LITTER C-A/FISHERS	P=0.232

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Time Report Requested: 16:21:04

First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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Pituitary Gland: Pars Distalis or Unspecified Site
Adenoma

TUMOR RATES

OVERALL (a)	5/50 (10%)	6/50 (12%)
LITTERS (b)	5/25 (20%)	6/25 (24%)
POLY-3 RATE (c)	5/43.44	6/43.70
POLY-3 PERCENT (g)	11.5%	13.7%
TERMINAL (d)	4/36 (11%)	5/35 (14%)
FIRST INCIDENCE	655	617

STATISTICAL TESTS

POLY 3	P=0.504
POLY 1.5	P=0.509
POLY 6	P=0.501
RAO-SCOTT	P=0.488
LITTER C-A/FISHERS	P=0.500

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Species/Strain: RATS/HSD

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Time Report Requested: 16:21:04

First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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**Prostate
Adenoma**

TUMOR RATES

OVERALL (a)	3/50 (6%)	1/50 (2%)
LITTERS (b)	3/25 (12%)	1/25 (4%)
POLY-3 RATE (c)	3/43.13	1/43.27
POLY-3 PERCENT (g)	7%	2.3%
TERMINAL (d)	3/36 (8%)	1/35 (3%)
FIRST INCIDENCE	743 (T)	743 (T)

STATISTICAL TESTS

POLY 3	P=0.304N
POLY 1.5	P=0.301N
POLY 6	P=0.306N
RAO-SCOTT	P=0.331N
LITTER C-A/FISHERS	P=0.305N

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Time Report Requested: 16:21:04

First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE **0/0 ppm** **300/0 ppm**

Skin

Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma

TUMOR RATES

	#	#
OVERALL (a)	6/50 (12%)	1/50 (2%)
LITTERS (b)	6/25 (24%)	1/25 (4%)
POLY-3 RATE (c)	6/43.13	1/43.70
POLY-3 PERCENT (g)	13.9%	2.3%
TERMINAL (d)	6/36 (17%)	0/35 (0%)
FIRST INCIDENCE	743 (T)	617

STATISTICAL TESTS

POLY 3	P=0.053N
POLY 1.5	P=0.053N
POLY 6	P=0.053N
RAO-SCOTT	P=0.072N
LITTER C-A/FISHERS	P=0.049N*

Experiment Number: 20614 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

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First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE **0/0 ppm** **300/0 ppm**

Skin
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Malignant Fibrous Histiocytoma

TUMOR RATES	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	2/43.13	0/43.27
POLY-3 PERCENT (g)	4.6%	0%
TERMINAL (d)	2/36 (6%)	0/35 (0%)
FIRST INCIDENCE	743 (T)	---

STATISTICAL TESTS

POLY 3	P=0.236N
POLY 1.5	P=0.235N
POLY 6	P=0.237N
RAO-SCOTT	P=0.330N
LITTER C-A/FISHERS	P=0.245N

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Species/Strain: RATS/HSD

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First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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Skin
Keratoacanthoma

TUMOR RATES	#	#
OVERALL (a)	5/50 (10%)	0/50 (0%)
LITTERS (b)	5/25 (20%)	0/25 (0%)
POLY-3 RATE (c)	5/43.13	0/43.27
POLY-3 PERCENT (g)	11.6%	0%
TERMINAL (d)	5/36 (14%)	0/35 (0%)
FIRST INCIDENCE	743 (T)	---

STATISTICAL TESTS

POLY 3	P=0.030N*
POLY 1.5	P=0.029N*
POLY 6	P=0.030N*
RAO-SCOTT	P=0.061N
LITTER C-A/FISHERS	P=0.025N*

Experiment Number: 20614 - 02

Test Type: CHRONIC

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Species/Strain: RATS/HSD

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First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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Testes
Adenoma

TUMOR RATES

OVERALL (a)	0/50 (0%)	3/50 (6%)
LITTERS (b)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	0/43.13	3/43.28
POLY-3 PERCENT (g)	0%	6.9%
TERMINAL (d)	0/36 (0%)	2/35 (6%)
FIRST INCIDENCE	---	742

STATISTICAL TESTS

POLY 3	P=0.119
POLY 1.5	P=0.121
POLY 6	P=0.118
RAO-SCOTT	P=0.199
LITTER C-A/FISHERS	P=0.117

Experiment Number: 20614 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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Thyroid Gland: C-Cell
Adenoma

TUMOR RATES

OVERALL (a)	11/49 (22%)	7/50 (14%)
LITTERS (b)	8/25 (32%)	6/25 (24%)
POLY-3 RATE (c)	11/42.22	7/43.27
POLY-3 PERCENT (g)	26.1%	16.2%
TERMINAL (d)	11/36 (31%)	7/35 (20%)
FIRST INCIDENCE	743 (T)	743 (T)

STATISTICAL TESTS

POLY 3	P=0.196N
POLY 1.5	P=0.192N
POLY 6	P=0.199N
RAO-SCOTT	P=0.239N
LITTER C-A/FISHERS	P=0.377N

Experiment Number: 20614 - 02

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Route: DOSED FEED

Species/Strain: RATS/HSD

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First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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Thyroid Gland: C-Cell
Carcinoma

TUMOR RATES

OVERALL (a)	0/49 (0%)	3/50 (6%)
LITTERS (b)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	0/42.22	3/43.29
POLY-3 PERCENT (g)	0%	6.9%
TERMINAL (d)	0/36 (0%)	2/35 (6%)
FIRST INCIDENCE	---	739

STATISTICAL TESTS

POLY 3	P=0.123
POLY 1.5	P=0.125
POLY 6	P=0.121
RAO-SCOTT	P=0.193
LITTER C-A/FISHERS	P=0.117

Experiment Number: 20614 - 02

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First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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Thyroid Gland: C-Cell
Carcinoma or Adenoma

TUMOR RATES

OVERALL (a)	11/49 (22%)	10/50 (20%)
LITTERS (b)	8/25 (32%)	9/25 (36%)
POLY-3 RATE (c)	11/42.22	10/43.29
POLY-3 PERCENT (g)	26.1%	23.1%
TERMINAL (d)	11/36 (31%)	9/35 (26%)
FIRST INCIDENCE	743 (T)	739

STATISTICAL TESTS

POLY 3	P=0.474N
POLY 1.5	P=0.466N
POLY 6	P=0.480N
RAO-SCOTT	P=0.483N
LITTER C-A/FISHERS	P=0.500

Experiment Number: 20614 - 02

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First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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All Organs

Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated

TUMOR RATES

	#	#
OVERALL (a)	3/50 (6%)	1/50 (2%)
LITTERS (b)	3/25 (12%)	1/25 (4%)
POLY-3 RATE (c)	3/43.33	1/43.28
POLY-3 PERCENT (g)	6.9%	2.3%
TERMINAL (d)	2/36 (6%)	0/35 (0%)
FIRST INCIDENCE	689	742

STATISTICAL TESTS

POLY 3	P=0.305N
POLY 1.5	P=0.302N
POLY 6	P=0.309N
RAO-SCOTT	P=0.326N
LITTER C-A/FISHERS	P=0.305N

Experiment Number: 20614 - 02

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First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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All Organs

Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type

TUMOR RATES

	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)
LITTERS (b)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	1/43.53	2/43.29
POLY-3 PERCENT (g)	2.3%	4.6%
TERMINAL (d)	0/36 (0%)	1/35 (3%)
FIRST INCIDENCE	624	739

STATISTICAL TESTS

POLY 3	P=0.498
POLY 1.5	P=0.502
POLY 6	P=0.494
RAO-SCOTT	P=0.497
LITTER C-A/FISHERS	P=0.500

Experiment Number: 20614 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Perfluorooctanoic Acid

CAS Number: 335-67-1

Date Report Requested: 06/07/2018

Time Report Requested: 16:21:04

First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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All Organs

Mesothelioma: Benign, Malignant, NOS

TUMOR RATES

	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)
LITTERS (b)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	1/43.13	2/43.30
POLY-3 PERCENT (g)	2.3%	4.6%
TERMINAL (d)	1/36 (3%)	0/35 (0%)
FIRST INCIDENCE	743 (T)	739

STATISTICAL TESTS

POLY 3	P=0.501
POLY 1.5	P=0.504
POLY 6	P=0.500
RAO-SCOTT	P=0.499
LITTER C-A/FISHERS	P=0.500

Experiment Number: 20614 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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CAS Number: 335-67-1

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
------	---------	-----------

All Organs
Mesothelioma: Malignant

TUMOR RATES	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)
LITTERS (b)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	1/43.13	2/43.30
POLY-3 PERCENT (g)	2.3%	4.6%
TERMINAL (d)	1/36 (3%)	0/35 (0%)
FIRST INCIDENCE	743 (T)	739

STATISTICAL TESTS

POLY 3	P=0.501
POLY 1.5	P=0.504
POLY 6	P=0.500
RAO-SCOTT	P=0.499
LITTER C-A/FISHERS	P=0.500

Experiment Number: 20614 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Perfluorooctanoic Acid

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Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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All Organs
Benign Tumors

TUMOR RATES	#	#
OVERALL (a)	32/50 (64%)	24/50 (48%)
LITTERS (b)	22/25 (88%)	20/25 (80%)
POLY-3 RATE (c)	32/44.97	24/43.72
POLY-3 PERCENT (g)	71.2%	54.9%
TERMINAL (d)	27/36 (75%)	21/35 (60%)
FIRST INCIDENCE	302	617

STATISTICAL TESTS

POLY 3	P=0.079N
POLY 1.5	P=0.069N
POLY 6	P=0.092N
RAO-SCOTT	P=0.082N
LITTER C-A/FISHERS	P=0.351N

Experiment Number: 20614 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Perfluorooctanoic Acid

CAS Number: 335-67-1

Date Report Requested: 06/07/2018

Time Report Requested: 16:21:04

First Dose M/F: 07/27/09 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males

DOSE	0/0 ppm	300/0 ppm
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All Organs
Malignant Tumors

TUMOR RATES	#	#
OVERALL (a)	9/50 (18%)	11/50 (22%)
LITTERS (b)	8/25 (32%)	10/25 (40%)
POLY-3 RATE (c)	9/45.96	11/45.05
POLY-3 PERCENT (g)	19.6%	24.4%
TERMINAL (d)	4/36 (11%)	5/35 (14%)
FIRST INCIDENCE	137	351

STATISTICAL TESTS

POLY 3	P=0.381
POLY 1.5	P=0.389
POLY 6	P=0.374
RAO-SCOTT	P=0.375
LITTER C-A/FISHERS	P=0.384

Experiment Number: 20614 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Perfluorooctanoic Acid
CAS Number: 335-67-1

Date Report Requested: 06/07/2018
Time Report Requested: 16:21:04
First Dose M/F: 07/27/09 / NA
Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)
TERMINAL SACRIFICE AT 107 WEEKS**

Males		
DOSE	0/0 ppm	300/0 ppm
All Organs		
Malignant and Benign Tumors		
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TUMOR RATES	#	#
OVERALL (a)	37/50 (74%)	28/50 (56%)
LITTERS (b)	24/25 (96%)	21/25 (84%)
POLY-3 RATE (c)	37/47.56	28/45.48
POLY-3 PERCENT (g)	77.8%	61.6%
TERMINAL (d)	28/36 (78%)	21/35 (60%)
FIRST INCIDENCE	137	351
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STATISTICAL TESTS		
POLY 3		P=0.064N
POLY 1.5		P=0.055N
POLY 6		P=0.074N
RAO-SCOTT		P=0.067N
LITTER C-A/FISHERS		P=0.174N

Experiment Number: 20614 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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Lab: BAT

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
- (b) Number of litters with tumor-bearing animals/number of litters examined at site
- (c) Number of tumor-bearing animals/Poly-3 number
- (d) Observed incidence at terminal kill.
- (e) Value of statistic cannot be computed.
- (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
- (g) Poly-3 adjusted lifetime tumor incidence.
- (I) Interim sacrifice
- (T) Terminal sacrifice
- # Tumor rates based on numbers of animals necropsied.
- * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
- ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
- N Indicates a negative trend for all tests
The Rao-Scott statistic performs the Poly-3 test with an adjustment for within-litter correlation.
The Litter C-A/Fishers statistic compares directly the litter incidence rates.

*** END OF REPORT ***