

Experiment Number: 20614 - 01
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: 03/09/2022
Time Report Requested: 14:09:22
First Dose M/F: 10/27/08 / 10/28/08
Lab: BAT

Uterine section report with litter -- 0-0, 150-300, 300-1000

NTP Study Number:	C20614		
Lock Date:	01/10/2012		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25021 TSAC	25020 NATD	25019 MSAC
	25016 Aborted		
Removal Date Range:	ALL		
Treatment Groups:	Include 002 0/0 ppm	Include 006 150/300 ppm	Include 010 300/1000 ppm
Study Gender:	Both		
TDMSE Version:	2.5.0.0_SFH		
PWG Approval Date:	07/25/2018		

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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.**

Uterus (Longitudinal Evaluation)

Uterus (Standard Evaluation)

Uterus (Standard or Longitudinal Evaluation)

Vagina (Longitudinal Evaluation)

Vagina (Standard or Longitudinal Evaluation)

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Lab: BAT

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

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm
Uterus (Longitudinal Evaluation)			
Adenoma			
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TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	1/32 (3%)	0/29 (0%)	0/30 (0%)
POLY-3 RATE (c)	1/36.81	0/41.44	0/36.25
POLY-3 PERCENT (g)	2.7%	0%	0%
TERMINAL (d)	1/23 (4%)	0/32 (0%)	0/23 (0%)
FIRST INCIDENCE	744 (T)	---	---
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STATISTICAL TESTS			
POLY 3	P=0.445N	P=0.476N	P=0.503N
POLY 1.5	P=0.437N	P=0.487N	P=0.505N
POLY 6	P=0.456N	P=0.461N	P=0.502N
RAO-SCOTT	P=0.518N	P=0.574N	P=0.578N
LITTER C-A/FISHERS	P=0.429N	P=0.525N	P=0.516N

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TERMINAL SACRIFICE AT 107 WEEKS**

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm
Uterus (Standard or Longitudinal Evaluation)			
Adenoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/32 (3%)	0/29 (0%)	0/30 (0%)
POLY-3 RATE (c)	1/36.81	0/41.44	0/37.22
POLY-3 PERCENT (g)	2.7%	0%	0%
TERMINAL (d)	1/23 (4%)	0/32 (0%)	0/23 (0%)
FIRST INCIDENCE	744 (T)	---	---
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STATISTICAL TESTS			
POLY 3	P=0.439N	P=0.476N	P=0.498N
POLY 1.5	P=0.431N	P=0.487N	P=0.498N
POLY 6	P=0.450N	P=0.461N	P=0.499N
RAO-SCOTT	P=0.513N	P=0.576N	P=0.573N
LITTER C-A/FISHERS	P=0.429N	P=0.525N	P=0.516N

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

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm
Uterus (Standard Evaluation)			
Carcinoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	0/32 (0%)	2/29 (7%)	1/30 (3%)
POLY-3 RATE (c)	0/36.81	2/42.01	1/37.22
POLY-3 PERCENT (g)	0%	4.8%	2.7%
TERMINAL (d)	0/23 (0%)	1/32 (3%)	1/23 (4%)
FIRST INCIDENCE	---	564	744 (T)
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.536	P=0.267	P=0.502
POLY 1.5	P=0.534	P=0.254	P=0.502
POLY 6	P=0.535	P=0.288	P=0.501
RAO-SCOTT	P=0.512	P=0.285	P=0.477
LITTER C-A/FISHERS	P=0.514	P=0.222	P=0.484

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Route: DOSED FEED

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Lab: BAT

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

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm

Uterus (Longitudinal Evaluation)
Carcinoma

TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	3/50 (6%)	5/48 (10%)
LITTERS (b)	1/32 (3%)	3/29 (10%)	5/30 (17%)
POLY-3 RATE (c)	1/36.81	3/42.01	5/37.16
POLY-3 PERCENT (g)	2.7%	7.1%	13.5%
TERMINAL (d)	1/23 (4%)	2/32 (6%)	3/23 (13%)
FIRST INCIDENCE	744 (T)	564	574

STATISTICAL TESTS

POLY 3	P=0.081	P=0.354	P=0.101
POLY 1.5	P=0.080	P=0.332	P=0.097
POLY 6	P=0.081	P=0.386	P=0.104
RAO-SCOTT	P=0.089	P=0.346	P=0.110
LITTER C-A/FISHERS	P=0.076	P=0.270	P=0.084

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

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm

Uterus (Standard or Longitudinal Evaluation)
Carcinoma

TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	3/50 (6%)	5/50 (10%)
LITTERS (b)	1/32 (3%)	3/29 (10%)	5/30 (17%)
POLY-3 RATE (c)	1/36.81	3/42.01	5/38.13
POLY-3 PERCENT (g)	2.7%	7.1%	13.1%
TERMINAL (d)	1/23 (4%)	2/32 (6%)	3/23 (13%)
FIRST INCIDENCE	744 (T)	564	574

STATISTICAL TESTS

POLY 3	P=0.088	P=0.354	P=0.107
POLY 1.5	P=0.089	P=0.332	P=0.105
POLY 6	P=0.086	P=0.386	P=0.109
RAO-SCOTT	P=0.094	P=0.345	P=0.115
LITTER C-A/FISHERS	P=0.076	P=0.270	P=0.084

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DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm
Uterus (Standard Evaluation)			
Carcinoma or Adenoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	0/32 (0%)	2/29 (7%)	1/30 (3%)
POLY-3 RATE (c)	0/36.81	2/42.01	1/37.22
POLY-3 PERCENT (g)	0%	4.8%	2.7%
TERMINAL (d)	0/23 (0%)	1/32 (3%)	1/23 (4%)
FIRST INCIDENCE	---	564	744 (T)
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.536	P=0.267	P=0.502
POLY 1.5	P=0.534	P=0.254	P=0.502
POLY 6	P=0.535	P=0.288	P=0.501
RAO-SCOTT	P=0.512	P=0.285	P=0.477
LITTER C-A/FISHERS	P=0.514	P=0.222	P=0.484

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DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm
Uterus (Longitudinal Evaluation)			
Carcinoma or Adenoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	5/48 (10%)
LITTERS (b)	2/32 (6%)	3/29 (10%)	5/30 (17%)
POLY-3 RATE (c)	2/36.81	3/42.01	5/37.16
POLY-3 PERCENT (g)	5.4%	7.1%	13.5%
TERMINAL (d)	2/23 (9%)	2/32 (6%)	3/23 (13%)
FIRST INCIDENCE	744 (T)	564	574
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.160	P=0.560	P=0.217
POLY 1.5	P=0.159	P=0.533	P=0.210
POLY 6	P=0.157	P=0.597	P=0.224
RAO-SCOTT	P=0.160	P=0.535	P=0.212
LITTER C-A/FISHERS	P=0.151	P=0.452	P=0.186

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TERMINAL SACRIFICE AT 107 WEEKS**

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm

**Uterus (Standard or Longitudinal Evaluation)
Carcinoma or Adenoma**

TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	5/50 (10%)
LITTERS (b)	2/32 (6%)	3/29 (10%)	5/30 (17%)
POLY-3 RATE (c)	2/36.81	3/42.01	5/38.13
POLY-3 PERCENT (g)	5.4%	7.1%	13.1%
TERMINAL (d)	2/23 (9%)	2/32 (6%)	3/23 (13%)
FIRST INCIDENCE	744 (T)	564	574

STATISTICAL TESTS

POLY 3	P=0.171	P=0.560	P=0.228
POLY 1.5	P=0.172	P=0.533	P=0.224
POLY 6	P=0.165	P=0.597	P=0.232
RAO-SCOTT	P=0.169	P=0.535	P=0.220
LITTER C-A/FISHERS	P=0.151	P=0.452	P=0.186

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TERMINAL SACRIFICE AT 107 WEEKS**

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm
Uterus (Standard Evaluation)			
Lymphoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/32 (3%)	0/29 (0%)	0/30 (0%)
POLY-3 RATE (c)	1/37.44	0/41.44	0/37.22
POLY-3 PERCENT (g)	2.7%	0%	0%
TERMINAL (d)	0/23 (0%)	0/32 (0%)	0/23 (0%)
FIRST INCIDENCE	533	---	---
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STATISTICAL TESTS			
POLY 3	P=0.436N	P=0.480N	P=0.501N
POLY 1.5	P=0.429N	P=0.489N	P=0.500N
POLY 6	P=0.446N	P=0.466N	P=0.504N
RAO-SCOTT	P=0.523N	P=0.592N	P=0.589N
LITTER C-A/FISHERS	P=0.429N	P=0.525N	P=0.516N

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TERMINAL SACRIFICE AT 107 WEEKS**

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm

Uterus (Longitudinal Evaluation)
Lymphoma

TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	1/32 (3%)	0/29 (0%)	0/30 (0%)
POLY-3 RATE (c)	1/37.44	0/41.44	0/36.25
POLY-3 PERCENT (g)	2.7%	0%	0%
TERMINAL (d)	0/23 (0%)	0/32 (0%)	0/23 (0%)
FIRST INCIDENCE	533	---	---

STATISTICAL TESTS

POLY 3	P=0.442N	P=0.480N	P=0.506N
POLY 1.5	P=0.436N	P=0.489N	P=0.507N
POLY 6	P=0.452N	P=0.466N	P=0.508N
RAO-SCOTT	P=0.529N	P=0.591N	P=0.594N
LITTER C-A/FISHERS	P=0.429N	P=0.525N	P=0.516N

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DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm

Uterus (Standard or Longitudinal Evaluation)
Lymphoma

TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/32 (3%)	0/29 (0%)	0/30 (0%)
POLY-3 RATE (c)	1/37.44	0/41.44	0/37.22
POLY-3 PERCENT (g)	2.7%	0%	0%
TERMINAL (d)	0/23 (0%)	0/32 (0%)	0/23 (0%)
FIRST INCIDENCE	533	---	---

STATISTICAL TESTS

POLY 3	P=0.436N	P=0.480N	P=0.501N
POLY 1.5	P=0.429N	P=0.489N	P=0.500N
POLY 6	P=0.446N	P=0.466N	P=0.504N
RAO-SCOTT	P=0.523N	P=0.592N	P=0.589N
LITTER C-A/FISHERS	P=0.429N	P=0.525N	P=0.516N

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TERMINAL SACRIFICE AT 107 WEEKS**

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm
Uterus (Standard Evaluation)			
Polyp, Stromal			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	6/50 (12%)	4/50 (8%)	3/50 (6%)
LITTERS (b)	5/32 (16%)	4/29 (14%)	3/30 (10%)
POLY-3 RATE (c)	6/37.44	4/41.81	3/37.63
POLY-3 PERCENT (g)	16%	9.6%	8%
TERMINAL (d)	4/23 (17%)	3/32 (9%)	2/23 (9%)
FIRST INCIDENCE	574	638	624
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STATISTICAL TESTS			
POLY 3	P=0.239N	P=0.300N	P=0.235N
POLY 1.5	P=0.232N	P=0.331N	P=0.237N
POLY 6	P=0.254N	P=0.259N	P=0.236N
RAO-SCOTT	P=0.255N	P=0.321N	P=0.257N
LITTER C-A/FISHERS	P=0.342N	P=0.565N	P=0.391N

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TERMINAL SACRIFICE AT 107 WEEKS**

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm
Uterus (Longitudinal Evaluation)			
Polyp, Stromal			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	16/50 (32%)	13/50 (26%)	17/48 (35%)
LITTERS (b)	13/32 (41%)	11/29 (38%)	14/30 (47%)
POLY-3 RATE (c)	16/38.62	13/42.30	17/39.48
POLY-3 PERCENT (g)	41.4%	30.7%	43.1%
TERMINAL (d)	9/23 (39%)	9/32 (28%)	9/23 (39%)
FIRST INCIDENCE	574	634	491
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.378	P=0.218N	P=0.534
POLY 1.5	P=0.366	P=0.263N	P=0.498
POLY 6	P=0.378	P=0.166N	P=0.566
RAO-SCOTT	P=0.398	P=0.237N	P=0.526
LITTER C-A/FISHERS	P=0.345	P=0.519N	P=0.412

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DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm

Uterus (Standard or Longitudinal Evaluation)
Polyp, Stromal

TUMOR RATES	#	#	#
OVERALL (a)	16/50 (32%)	13/50 (26%)	17/50 (34%)
LITTERS (b)	13/32 (41%)	11/29 (38%)	14/30 (47%)
POLY-3 RATE (c)	16/38.62	13/42.30	17/40.45
POLY-3 PERCENT (g)	41.4%	30.7%	42%
TERMINAL (d)	9/23 (39%)	9/32 (28%)	9/23 (39%)
FIRST INCIDENCE	574	634	491

STATISTICAL TESTS

POLY 3	P=0.417	P=0.218N	P=0.571
POLY 1.5	P=0.414	P=0.263N	P=0.544
POLY 6	P=0.406	P=0.166N	P=0.592
RAO-SCOTT	P=0.430	P=0.235N	P=0.558
LITTER C-A/FISHERS	P=0.345	P=0.519N	P=0.412

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TERMINAL SACRIFICE AT 107 WEEKS**

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm

Uterus (Longitudinal Evaluation)
Sarcoma Stromal

TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	1/32 (3%)	0/29 (0%)	0/30 (0%)
POLY-3 RATE (c)	1/37.07	0/41.44	0/36.25
POLY-3 PERCENT (g)	2.7%	0%	0%
TERMINAL (d)	0/23 (0%)	0/32 (0%)	0/23 (0%)
FIRST INCIDENCE	673	---	---

STATISTICAL TESTS

POLY 3	P=0.444N	P=0.478N	P=0.504N
POLY 1.5	P=0.436N	P=0.488N	P=0.505N
POLY 6	P=0.454N	P=0.464N	P=0.505N
RAO-SCOTT	P=0.518N	P=0.576N	P=0.580N
LITTER C-A/FISHERS	P=0.429N	P=0.525N	P=0.516N

Experiment Number: 20614 - 01

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: 03/09/2022

Time Report Requested: 14:09:22

First Dose M/F: 10/27/08 / 10/28/08

Lab: BAT

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

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm
Uterus (Standard or Longitudinal Evaluation)			
Sarcoma Stromal			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/32 (3%)	0/29 (0%)	0/30 (0%)
POLY-3 RATE (c)	1/37.07	0/41.44	0/37.22
POLY-3 PERCENT (g)	2.7%	0%	0%
TERMINAL (d)	0/23 (0%)	0/32 (0%)	0/23 (0%)
FIRST INCIDENCE	673	---	---
STATISTICAL TESTS			
POLY 3	P=0.438N	P=0.478N	P=0.499N
POLY 1.5	P=0.430N	P=0.488N	P=0.499N
POLY 6	P=0.448N	P=0.464N	P=0.501N
RAO-SCOTT	P=0.512N	P=0.578N	P=0.575N
LITTER C-A/FISHERS	P=0.429N	P=0.525N	P=0.516N

Experiment Number: 20614 - 01

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**

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm
Uterus (Standard Evaluation)			
Sarcoma Stromal or Polyp Stromal			
TUMOR RATES			
	#	#	#
OVERALL (a)	6/50 (12%)	4/50 (8%)	3/50 (6%)
LITTERS (b)	5/32 (16%)	4/29 (14%)	3/30 (10%)
POLY-3 RATE (c)	6/37.44	4/41.81	3/37.63
POLY-3 PERCENT (g)	16%	9.6%	8%
TERMINAL (d)	4/23 (17%)	3/32 (9%)	2/23 (9%)
FIRST INCIDENCE	574	638	624
STATISTICAL TESTS			
POLY 3	P=0.239N	P=0.300N	P=0.235N
POLY 1.5	P=0.232N	P=0.331N	P=0.237N
POLY 6	P=0.254N	P=0.259N	P=0.236N
RAO-SCOTT	P=0.255N	P=0.321N	P=0.257N
LITTER C-A/FISHERS	P=0.342N	P=0.565N	P=0.391N

Experiment Number: 20614 - 01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Perfluorooctanoic Acid

CAS Number: 335-67-1

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First Dose M/F: 10/27/08 / 10/28/08

Lab: BAT

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

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm

Uterus (Longitudinal Evaluation)
Sarcoma Stromal or Polyp Stromal

TUMOR RATES	#	#	#
OVERALL (a)	16/50 (32%)	13/50 (26%)	17/48 (35%)
LITTERS (b)	13/32 (41%)	11/29 (38%)	14/30 (47%)
POLY-3 RATE (c)	16/38.62	13/42.30	17/39.48
POLY-3 PERCENT (g)	41.4%	30.7%	43.1%
TERMINAL (d)	9/23 (39%)	9/32 (28%)	9/23 (39%)
FIRST INCIDENCE	574	634	491

STATISTICAL TESTS

POLY 3	P=0.378	P=0.218N	P=0.534
POLY 1.5	P=0.366	P=0.263N	P=0.498
POLY 6	P=0.378	P=0.166N	P=0.566
RAO-SCOTT	P=0.398	P=0.237N	P=0.526
LITTER C-A/FISHERS	P=0.345	P=0.519N	P=0.412

Experiment Number: 20614 - 01

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: 03/09/2022

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First Dose M/F: 10/27/08 / 10/28/08

Lab: BAT

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

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm
Uterus (Standard or Longitudinal Evaluation)			
Sarcoma Stromal or Polyp Stromal			
TUMOR RATES	#	#	#
OVERALL (a)	16/50 (32%)	13/50 (26%)	17/50 (34%)
LITTERS (b)	13/32 (41%)	11/29 (38%)	14/30 (47%)
POLY-3 RATE (c)	16/38.62	13/42.30	17/40.45
POLY-3 PERCENT (g)	41.4%	30.7%	42%
TERMINAL (d)	9/23 (39%)	9/32 (28%)	9/23 (39%)
FIRST INCIDENCE	574	634	491
STATISTICAL TESTS			
POLY 3	P=0.417	P=0.218N	P=0.571
POLY 1.5	P=0.414	P=0.263N	P=0.544
POLY 6	P=0.406	P=0.166N	P=0.592
RAO-SCOTT	P=0.430	P=0.235N	P=0.558
LITTER C-A/FISHERS	P=0.345	P=0.519N	P=0.412

Experiment Number: 20614 - 01

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**

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm

Vagina (Longitudinal Evaluation)
Granular Cell Tumor

TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/48 (0%)
LITTERS (b)	2/32 (6%)	1/29 (3%)	0/30 (0%)
POLY-3 RATE (c)	2/36.96	1/41.54	0/36.25
POLY-3 PERCENT (g)	5.4%	2.4%	0%
TERMINAL (d)	1/23 (4%)	0/32 (0%)	0/23 (0%)
FIRST INCIDENCE	705	718	---

STATISTICAL TESTS

POLY 3	P=0.196N	P=0.459N	P=0.241N
POLY 1.5	P=0.193N	P=0.478N	P=0.242N
POLY 6	P=0.203N	P=0.433N	P=0.240N
RAO-SCOTT	P=0.232N	P=0.480N	P=0.280N
LITTER C-A/FISHERS	P=0.192N	P=0.537N	P=0.262N

Experiment Number: 20614 - 01

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**

DOSE	Females		
	0/0 ppm	150/300 ppm	300/1000 ppm

Vagina (Standard or Longitudinal Evaluation)
Granular Cell Tumor

TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	2/32 (6%)	1/29 (3%)	0/30 (0%)
POLY-3 RATE (c)	2/36.96	1/41.54	0/37.22
POLY-3 PERCENT (g)	5.4%	2.4%	0%
TERMINAL (d)	1/23 (4%)	0/32 (0%)	0/23 (0%)
FIRST INCIDENCE	705	718	---

STATISTICAL TESTS

POLY 3	P=0.192N	P=0.459N	P=0.235N
POLY 1.5	P=0.187N	P=0.478N	P=0.235N
POLY 6	P=0.200N	P=0.433N	P=0.236N
RAO-SCOTT	P=0.227N	P=0.480N	P=0.275N
LITTER C-A/FISHERS	P=0.192N	P=0.537N	P=0.262N

Experiment Number: 20614 - 01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Perfluorooctanoic Acid

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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 ***