

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: 15:13:58
First Dose M/F: 10/27/08 / 10/28/08
Lab: BAT

Uterine section report with litter -- 0-1000, 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 008 0/1000 ppm	Include 010 300/1000 ppm	
Study Gender:	Both		
TDMSE Version:	2.5.0.0_SFH		
PWG Approval Date:	07/25/2018		

Experiment Number: 20614 - 01

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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 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**

Females

DOSE	0/1000 ppm	300/1000 ppm
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Uterus (Standard Evaluation)
Carcinoma

TUMOR RATES

	#	#
OVERALL (a)	4/49 (8%)	1/50 (2%)
LITTERS (b)	4/31 (13%)	1/30 (3%)
POLY-3 RATE (c)	4/37.30	1/37.22
POLY-3 PERCENT (g)	10.7%	2.7%
TERMINAL (d)	1/23 (4%)	1/23 (4%)
FIRST INCIDENCE	652	744 (T)

STATISTICAL TESTS

POLY 3	P=0.177N
POLY 1.5	P=0.170N
POLY 6	P=0.193N
RAO-SCOTT	P=0.194N
LITTER C-A/FISHERS	P=0.187N

Experiment Number: 20614 - 01

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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
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Uterus (Longitudinal Evaluation)

Carcinoma

TUMOR RATES

	#	#
OVERALL (a)	7/48 (15%)	5/48 (10%)
LITTERS (b)	6/30 (20%)	5/30 (17%)
POLY-3 RATE (c)	7/37.28	5/37.16
POLY-3 PERCENT (g)	18.8%	13.5%
TERMINAL (d)	4/23 (17%)	3/23 (13%)
FIRST INCIDENCE	652	574

STATISTICAL TESTS

POLY 3	P=0.378N
POLY 1.5	P=0.372N
POLY 6	P=0.399N
RAO-SCOTT	P=0.380N
LITTER C-A/FISHERS	P=0.500N

Experiment Number: 20614 - 01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
------	------------	--------------

Uterus (Standard or Longitudinal Evaluation)

Carcinoma

TUMOR RATES

	#	#
OVERALL (a)	7/49 (14%)	5/50 (10%)
LITTERS (b)	6/31 (19%)	5/30 (17%)
POLY-3 RATE (c)	7/37.30	5/38.13
POLY-3 PERCENT (g)	18.8%	13.1%
TERMINAL (d)	4/23 (17%)	3/23 (13%)
FIRST INCIDENCE	652	574

STATISTICAL TESTS

POLY 3	P=0.361N
POLY 1.5	P=0.352N
POLY 6	P=0.386N
RAO-SCOTT	P=0.363N
LITTER C-A/FISHERS	P=0.524N

Experiment Number: 20614 - 01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
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**Uterus (Standard Evaluation)
Carcinoma or Adenoma**

TUMOR RATES

	#	#
OVERALL (a)	4/49 (8%)	1/50 (2%)
LITTERS (b)	4/31 (13%)	1/30 (3%)
POLY-3 RATE (c)	4/37.30	1/37.22
POLY-3 PERCENT (g)	10.7%	2.7%
TERMINAL (d)	1/23 (4%)	1/23 (4%)
FIRST INCIDENCE	652	744 (T)

STATISTICAL TESTS

POLY 3	P=0.177N
POLY 1.5	P=0.170N
POLY 6	P=0.193N
RAO-SCOTT	P=0.194N
LITTER C-A/FISHERS	P=0.187N

Experiment Number: 20614 - 01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
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**Uterus (Longitudinal Evaluation)
Carcinoma or Adenoma**

TUMOR RATES

	#	#
OVERALL (a)	7/48 (15%)	5/48 (10%)
LITTERS (b)	6/30 (20%)	5/30 (17%)
POLY-3 RATE (c)	7/37.28	5/37.16
POLY-3 PERCENT (g)	18.8%	13.5%
TERMINAL (d)	4/23 (17%)	3/23 (13%)
FIRST INCIDENCE	652	574

STATISTICAL TESTS

POLY 3	P=0.378N
POLY 1.5	P=0.372N
POLY 6	P=0.399N
RAO-SCOTT	P=0.380N
LITTER C-A/FISHERS	P=0.500N

Experiment Number: 20614 - 01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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Lab: BAT

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

Females

DOSE **0/1000 ppm** **300/1000 ppm**

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

TUMOR RATES

	#	#
OVERALL (a)	7/49 (14%)	5/50 (10%)
LITTERS (b)	6/31 (19%)	5/30 (17%)
POLY-3 RATE (c)	7/37.30	5/38.13
POLY-3 PERCENT (g)	18.8%	13.1%
TERMINAL (d)	4/23 (17%)	3/23 (13%)
FIRST INCIDENCE	652	574

STATISTICAL TESTS

POLY 3	P=0.361N
POLY 1.5	P=0.352N
POLY 6	P=0.386N
RAO-SCOTT	P=0.363N
LITTER C-A/FISHERS	P=0.524N

Experiment Number: 20614 - 01

Test Type: CHRONIC

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TERMINAL SACRIFICE AT 107 WEEKS**

Females

DOSE	0/1000 ppm	300/1000 ppm
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Uterus (Standard Evaluation)

Polyp, Stromal

TUMOR RATES

	#	#
OVERALL (a)	5/49 (10%)	3/50 (6%)
LITTERS (b)	5/31 (16%)	3/30 (10%)
POLY-3 RATE (c)	5/37.09	3/37.63
POLY-3 PERCENT (g)	13.5%	8%
TERMINAL (d)	3/23 (13%)	2/23 (9%)
FIRST INCIDENCE	695	624

STATISTICAL TESTS

POLY 3	P=0.346N
POLY 1.5	P=0.338N
POLY 6	P=0.369N
RAO-SCOTT	P=0.319N
LITTER C-A/FISHERS	P=0.372N

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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
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Uterus (Longitudinal Evaluation)

Polyp, Stromal

TUMOR RATES

	#	#
OVERALL (a)	13/48 (27%)	17/48 (35%)
LITTERS (b)	12/30 (40%)	14/30 (47%)
POLY-3 RATE (c)	13/37.77	17/39.48
POLY-3 PERCENT (g)	34.4%	43.1%
TERMINAL (d)	9/23 (39%)	9/23 (39%)
FIRST INCIDENCE	540	491

STATISTICAL TESTS

POLY 3	P=0.289
POLY 1.5	P=0.281
POLY 6	P=0.288
RAO-SCOTT	P=0.288
LITTER C-A/FISHERS	P=0.397

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Species/Strain: RATS/HSD

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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
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**Uterus (Standard or Longitudinal Evaluation)
Polyp, Stromal**

TUMOR RATES	#	#
OVERALL (a)	13/49 (27%)	17/50 (34%)
LITTERS (b)	12/31 (39%)	14/30 (47%)
POLY-3 RATE (c)	13/37.80	17/40.45
POLY-3 PERCENT (g)	34.4%	42%
TERMINAL (d)	9/23 (39%)	9/23 (39%)
FIRST INCIDENCE	540	491

STATISTICAL TESTS

POLY 3	P=0.319
POLY 1.5	P=0.315
POLY 6	P=0.309
RAO-SCOTT	P=0.312
LITTER C-A/FISHERS	P=0.356

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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
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Uterus (Standard Evaluation)
Sarcoma Stromal

TUMOR RATES	#	#
OVERALL (a)	1/49 (2%)	0/50 (0%)
LITTERS (b)	1/31 (3%)	0/30 (0%)
POLY-3 RATE (c)	1/37.15	0/37.22
POLY-3 PERCENT (g)	2.7%	0%
TERMINAL (d)	0/23 (0%)	0/23 (0%)
FIRST INCIDENCE	669	---

STATISTICAL TESTS

POLY 3	P=0.500N
POLY 1.5	P=0.495N
POLY 6	P=0.510N
RAO-SCOTT	P=0.538N
LITTER C-A/FISHERS	P=0.508N

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Species/Strain: RATS/HSD

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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
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Uterus (Longitudinal Evaluation)

Sarcoma Stromal

TUMOR RATES

	#	#
OVERALL (a)	2/48 (4%)	0/48 (0%)
LITTERS (b)	2/30 (7%)	0/30 (0%)
POLY-3 RATE (c)	2/37.12	0/36.25
POLY-3 PERCENT (g)	5.4%	0%
TERMINAL (d)	1/23 (4%)	0/23 (0%)
FIRST INCIDENCE	669	---

STATISTICAL TESTS

POLY 3	P=0.242N
POLY 1.5	P=0.237N
POLY 6	P=0.252N
RAO-SCOTT	P=0.307N
LITTER C-A/FISHERS	P=0.246N

Experiment Number: 20614 - 01

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Species/Strain: RATS/HSD

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Lab: BAT

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

Females

DOSE **0/1000 ppm** **300/1000 ppm**

Uterus (Standard or Longitudinal Evaluation)

Sarcoma Stromal

TUMOR RATES

	#	#
OVERALL (a)	2/49 (4%)	0/50 (0%)
LITTERS (b)	2/31 (6%)	0/30 (0%)
POLY-3 RATE (c)	2/37.15	0/37.22
POLY-3 PERCENT (g)	5.4%	0%
TERMINAL (d)	1/23 (4%)	0/23 (0%)
FIRST INCIDENCE	669	---

STATISTICAL TESTS

POLY 3	P=0.236N
POLY 1.5	P=0.231N
POLY 6	P=0.247N
RAO-SCOTT	P=0.300N
LITTER C-A/FISHERS	P=0.254N

Experiment Number: 20614 - 01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
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Uterus (Standard Evaluation)

Sarcoma Stromal or Polyp Stromal

TUMOR RATES

	#	#
OVERALL (a)	6/49 (12%)	3/50 (6%)
LITTERS (b)	5/31 (16%)	3/30 (10%)
POLY-3 RATE (c)	6/37.36	3/37.63
POLY-3 PERCENT (g)	16.1%	8%
TERMINAL (d)	3/23 (13%)	2/23 (9%)
FIRST INCIDENCE	669	624

STATISTICAL TESTS

POLY 3	P=0.234N
POLY 1.5	P=0.226N
POLY 6	P=0.257N
RAO-SCOTT	P=0.258N
LITTER C-A/FISHERS	P=0.372N

Experiment Number: 20614 - 01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Females

DOSE	0/1000 ppm	300/1000 ppm
------	------------	--------------

**Uterus (Longitudinal Evaluation)
Sarcoma Stromal or Polyp Stromal**

TUMOR RATES	#	#
OVERALL (a)	15/48 (31%)	17/48 (35%)
LITTERS (b)	13/30 (43%)	14/30 (47%)
POLY-3 RATE (c)	15/38.04	17/39.48
POLY-3 PERCENT (g)	39.4%	43.1%
TERMINAL (d)	10/23 (44%)	9/23 (39%)
FIRST INCIDENCE	540	491

STATISTICAL TESTS

POLY 3	P=0.462
POLY 1.5	P=0.452
POLY 6	P=0.456
RAO-SCOTT	P=0.453
LITTER C-A/FISHERS	P=0.500

Experiment Number: 20614 - 01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
------	------------	--------------

**Uterus (Standard or Longitudinal Evaluation)
Sarcoma Stromal or Polyp Stromal**

TUMOR RATES	#	#
OVERALL (a)	15/49 (31%)	17/50 (34%)
LITTERS (b)	13/31 (42%)	14/30 (47%)
POLY-3 RATE (c)	15/38.07	17/40.45
POLY-3 PERCENT (g)	39.4%	42%
TERMINAL (d)	10/23 (44%)	9/23 (39%)
FIRST INCIDENCE	540	491

STATISTICAL TESTS

POLY 3	P=0.497
POLY 1.5	P=0.491
POLY 6	P=0.481
RAO-SCOTT	P=0.483
LITTER C-A/FISHERS	P=0.455

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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
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**Uterus (Longitudinal Evaluation)
Squamous Cell Carcinoma**

TUMOR RATES

	#	#
OVERALL (a)	1/48 (2%)	0/48 (0%)
LITTERS (b)	1/30 (3%)	0/30 (0%)
POLY-3 RATE (c)	1/37.12	0/36.25
POLY-3 PERCENT (g)	2.7%	0%
TERMINAL (d)	0/23 (0%)	0/23 (0%)
FIRST INCIDENCE	669	---

STATISTICAL TESTS

POLY 3	P=0.505N
POLY 1.5	P=0.501N
POLY 6	P=0.514N
RAO-SCOTT	P=0.549N
LITTER C-A/FISHERS	P=0.500N

Experiment Number: 20614 - 01

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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
------	------------	--------------

Uterus (Standard or Longitudinal Evaluation)

Squamous Cell Carcinoma

TUMOR RATES

	#	#
OVERALL (a)	1/49 (2%)	0/50 (0%)
LITTERS (b)	1/31 (3%)	0/30 (0%)
POLY-3 RATE (c)	1/37.15	0/37.22
POLY-3 PERCENT (g)	2.7%	0%
TERMINAL (d)	0/23 (0%)	0/23 (0%)
FIRST INCIDENCE	669	---

STATISTICAL TESTS

POLY 3	P=0.500N
POLY 1.5	P=0.495N
POLY 6	P=0.510N
RAO-SCOTT	P=0.541N
LITTER C-A/FISHERS	P=0.508N

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TERMINAL SACRIFICE AT 107 WEEKS**

Females

DOSE	0/1000 ppm	300/1000 ppm
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Vagina (Longitudinal Evaluation)
Granular Cell Tumor

TUMOR RATES

	#	#
OVERALL (a)	4/48 (8%)	0/48 (0%)
LITTERS (b)	4/30 (13%)	0/30 (0%)
POLY-3 RATE (c)	4/37.64	0/36.25
POLY-3 PERCENT (g)	10.6%	0%
TERMINAL (d)	2/23 (9%)	0/23 (0%)
FIRST INCIDENCE	505	---

STATISTICAL TESTS

POLY 3	P=0.064N
POLY 1.5	P=0.061N
POLY 6	P=0.070N
RAO-SCOTT	P=0.108N
LITTER C-A/FISHERS	P=0.056N

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: 15:13:58

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**

Females

DOSE **0/1000 ppm** **300/1000 ppm**

Vagina (Standard or Longitudinal Evaluation)

Granular Cell Tumor

TUMOR RATES

	#	#
OVERALL (a)	4/49 (8%)	0/50 (0%)
LITTERS (b)	4/31 (13%)	0/30 (0%)
POLY-3 RATE (c)	4/37.67	0/37.22
POLY-3 PERCENT (g)	10.6%	0%
TERMINAL (d)	2/23 (9%)	0/23 (0%)
FIRST INCIDENCE	505	---

STATISTICAL TESTS

POLY 3	P=0.060N
POLY 1.5	P=0.057N
POLY 6	P=0.067N
RAO-SCOTT	P=0.104N
LITTER C-A/FISHERS	P=0.060N

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**

Females

DOSE	0/1000 ppm	300/1000 ppm
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Vagina (Standard Evaluation)
Squamous Cell Carcinoma

TUMOR RATES

	#	#
OVERALL (a)	1/49 (2%)	0/50 (0%)
LITTERS (b)	1/31 (3%)	0/30 (0%)
POLY-3 RATE (c)	1/37.15	0/37.22
POLY-3 PERCENT (g)	2.7%	0%
TERMINAL (d)	0/23 (0%)	0/23 (0%)
FIRST INCIDENCE	669	---

STATISTICAL TESTS

POLY 3	P=0.500N
POLY 1.5	P=0.495N
POLY 6	P=0.510N
RAO-SCOTT	P=0.538N
LITTER C-A/FISHERS	P=0.508N

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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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
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Vagina (Standard or Longitudinal Evaluation)

Squamous Cell Carcinoma

TUMOR RATES

	#	#
OVERALL (a)	1/49 (2%)	0/50 (0%)
LITTERS (b)	1/31 (3%)	0/30 (0%)
POLY-3 RATE (c)	1/37.15	0/37.22
POLY-3 PERCENT (g)	2.7%	0%
TERMINAL (d)	0/23 (0%)	0/23 (0%)
FIRST INCIDENCE	669	---

STATISTICAL TESTS

POLY 3	P=0.500N
POLY 1.5	P=0.495N
POLY 6	P=0.510N
RAO-SCOTT	P=0.538N
LITTER C-A/FISHERS	P=0.508N

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

Females

DOSE **0/1000 ppm** **300/1000 ppm**

**Vagina (Longitudinal Evaluation)
Squamous Cell Papilloma**

TUMOR RATES

	#	#
OVERALL (a)	1/48 (2%)	0/48 (0%)
LITTERS (b)	1/30 (3%)	0/30 (0%)
POLY-3 RATE (c)	1/36.85	0/36.25
POLY-3 PERCENT (g)	2.7%	0%
TERMINAL (d)	1/23 (4%)	0/23 (0%)
FIRST INCIDENCE	744 (T)	---

STATISTICAL TESTS

POLY 3	P=0.503N
POLY 1.5	P=0.500N
POLY 6	P=0.511N
RAO-SCOTT	P=0.555N
LITTER C-A/FISHERS	P=0.500N

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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Lab: BAT

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

Females

DOSE	0/1000 ppm	300/1000 ppm
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Vagina (Standard or Longitudinal Evaluation)

Squamous Cell Papilloma

TUMOR RATES

	#	#
OVERALL (a)	1/49 (2%)	0/50 (0%)
LITTERS (b)	1/31 (3%)	0/30 (0%)
POLY-3 RATE (c)	1/36.88	0/37.22
POLY-3 PERCENT (g)	2.7%	0%
TERMINAL (d)	1/23 (4%)	0/23 (0%)
FIRST INCIDENCE	744 (T)	---

STATISTICAL TESTS

POLY 3	P=0.498N
POLY 1.5	P=0.494N
POLY 6	P=0.507N
RAO-SCOTT	P=0.547N
LITTER C-A/FISHERS	P=0.508N

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 ***