

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

F1_RD_Rev. 1

NTP Study Number:	C96014B		
Lock Date:	11/17/2009		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25021 TSAC	25020 NATD	25019 MSAC
Removal Date Range:	ALL		
Treatment Groups:	Include ALL		
Study Gender:	Both		
TDMSE Version:	3.0.1.1_001		
PWG Approval Date:	NONE		

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF WATER DISINFECTION BYPRODUCTS (BROMODICHLOROACETIC ACID)

MALE RATS

Organ

Adrenal Cortex
Blood Vessel
Bone Marrow

Bone
Heart
Kidney
Liver

Liver: Hepatocyte
Lung: Alveolar Epithelium

Lymph Node, Mandibular
Lymph Node, Mesenteric

Lymph Node: Renal
Mammary Gland

Mesentery: Fat
Nose: Respiratory Epithelium
Parathyroid Gland
Pituitary Gland
Pituitary Gland: Pars Distalis
Preputial Gland
Spleen: Lymphoid Follicle

Morphology

Hyperplasia
Inflammation
Angiectasis
Hemorrhage
Hyperplasia
Thrombosis
Osteopetrosis
Mineralization
Accumulation, Hyaline Droplet
Angiectasis
Basophilic Focus
Eosinophilic Focus
Fatty Change
Fatty Change Focal
Hematopoietic Cell Proliferation
Hepatodiaphragmatic Nodule
Degeneration
Hyperplasia
Hypertrophy
Ectasia
Atrophy
Hemorrhage
Infiltration Cellular Plasma Cell
Hyperplasia
Inflammation Chronic
Necrosis
Hyperplasia
Hyperplasia
Atrophy
Hyperplasia
Inflammation
Atrophy

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**SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF WATER DISINFECTION BYPRODUCTS
(BROMODICHLOROACETIC ACID)**

Stomach, Forestomach
Stomach, Forestomach: Epithelium
Stomach, Glandular
Thyroid Gland: Follicle

Inflammation
Ulcer
Hyperplasia
Inflammation
Ulcer
Cyst

FEMALE RATS

Organ

Adrenal Cortex
Adrenal Cortex: Zona Fasciculata
Bone Marrow
Bone
Clitoral Gland
Heart
Kidney
Kidney: Pelvis
Liver
Lung
Lung: Alveolar Epithelium
Lung: Alveolus
Lymph Node, Mesenteric
Mammary Gland
Nose
Ovary

Morphology

Hypertrophy
Necrosis
Vacuolization Cytoplasmic
Hyperplasia
Angiectasis
Hyperplasia
Osteopetrosis
Hyperplasia
Cardiomyopathy
Mineralization
Nephropathy
Calculus Micro Observation Only
Angiectasis
Basophilic Focus
Clear Cell Focus
Eosinophilic Focus
Hematopoietic Cell Proliferation
Hepatodiaphragmatic Nodule
Inflammation Chronic
Inflammation Chronic
Hyperplasia
Infiltration Cellular Histiocyte
Atrophy
Hyperplasia
Inflammation
Atrophy

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**SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF WATER DISINFECTION BYPRODUCTS
(BROMODICHLOROACETIC ACID)**

Pancreas
Pancreas: Acinus
Pituitary Gland: Pars Distalis
Skin
Spleen

Atrophy
Hyperplasia
Hyperplasia
Inflammation
Hematopoietic Cell Proliferation
Thrombosis

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Species/Strain: RATS/F344/N Tac

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Cortex				
Degeneration Cystic				
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LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/38.65	1/39.44	1/41.79	1/38.36
POLY-3 PERCENT (g)	2.6%	2.5%	2.4%	2.6%
TERMINAL (d)	1/19 (5%)	1/21 (5%)	1/25 (4%)	1/19 (5%)
FIRST INCIDENCE	726 (T)	726 (T)	726 (T)	726 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Cortex Hyperplasia				
LESION RATES				
OVERALL (a)	5/50 (10%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	5/39.63	2/39.44	2/41.79	0/38.36
POLY-3 PERCENT (g)	12.6%	5.1%	4.8%	0%
TERMINAL (d)	2/19 (11%)	2/21 (10%)	2/25 (8%)	0/19 (0%)
FIRST INCIDENCE	580	726 (T)	726 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.021N*	P=0.215N	P=0.193N	P=0.032N*
POLY 1.5	P=0.021N*	P=0.220N	P=0.204N	P=0.032N*
POLY 6	P=0.021N*	P=0.205N	P=0.176N	P=0.032N*
COCH-ARM / FISHERS	P=0.022N*	P=0.218N	P=0.218N	P=0.028N*
MAX-ISO-POLY-3	P=0.013N*	P=0.118N	P=0.109N	P=0.011N*

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Cortex Hypertrophy				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/39.12	3/39.89	0/41.79	0/38.36
POLY-3 PERCENT (g)	2.6%	7.5%	0%	0%
TERMINAL (d)	0/19 (0%)	2/21 (10%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	588	595	---	---
STATISTICAL TESTS				
POLY 3	P=0.148N	P=0.311	P=0.487N	P=0.504N
POLY 1.5	P=0.151N	P=0.304	P=0.493N	P=0.503N
POLY 6	P=0.143N	P=0.326	P=0.476N	P=0.504N
COCH-ARM / FISHERS	P=0.153N	P=0.309	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.160	P=0.158N	P=0.163N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Cortex				
Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	0/39.44	0/41.79	0/38.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Cortex				
Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	14/50 (28%)	9/50 (18%)	17/50 (34%)	13/50 (26%)
POLY-3 RATE (b)	14/42.06	9/40.29	17/45.55	13/41.13
POLY-3 PERCENT (g)	33.3%	22.3%	37.3%	31.6%
TERMINAL (d)	5/19 (26%)	6/21 (29%)	5/25 (20%)	4/19 (21%)
FIRST INCIDENCE	477	609	442	499
STATISTICAL TESTS				
POLY 3	P=0.445	P=0.191N	P=0.431	P=0.529N
POLY 1.5	P=0.445	P=0.190N	P=0.383	P=0.521N
POLY 6	P=0.458	P=0.185N	P=0.515	P=0.527N
COCH-ARM / FISHERS	P=0.446	P=0.171N	P=0.333	P=0.500N
MAX-ISO-POLY-3	P=0.413	P=0.135N	P=0.349	P=0.433N

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TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L

Adrenal Cortex: Zona Fasciculata
Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	0/39.44	0/41.79	0/38.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	15/50 (30%)	18/50 (36%)	15/50 (30%)	9/50 (18%)
POLY-3 RATE (b)	15/40.88	18/42.27	15/43.36	9/40.20
POLY-3 PERCENT (g)	36.7%	42.6%	34.6%	22.4%
TERMINAL (d)	6/19 (32%)	9/21 (43%)	7/25 (28%)	2/19 (11%)
FIRST INCIDENCE	589	526	605	548
STATISTICAL TESTS				
POLY 3	P=0.055N	P=0.370	P=0.511N	P=0.116N
POLY 1.5	P=0.056N	P=0.339	P=0.547N	P=0.119N
POLY 6	P=0.053N	P=0.427	P=0.450N	P=0.109N
COCH-ARM / FISHERS	P=0.059N	P=0.335	P=0.586N	P=0.121N
MAX-ISO-POLY-3	P=0.077N	P=0.291	P=0.419N	P=0.075N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Blood Vessel Inflammation				
LESION RATES				
OVERALL (a)	5/50 (10%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	5/38.97	0/39.44	3/41.95	0/38.36
POLY-3 PERCENT (g)	12.8%	0%	7.2%	0%
TERMINAL (d)	4/19 (21%)	0/21 (0%)	2/25 (8%)	0/19 (0%)
FIRST INCIDENCE	638	---	685	---
STATISTICAL TESTS				
POLY 3	P=0.042N*	P=0.028N*	P=0.315N	P=0.031N*
POLY 1.5	P=0.041N*	P=0.030N*	P=0.335N	P=0.031N*
POLY 6	P=0.043N*	P=0.025N*	P=0.282N	P=0.029N*
COCH-ARM / FISHERS	P=0.044N*	P=0.028N*	P=0.357N	P=0.028N*
MAX-ISO-POLY-3	P=0.008N**	P=0.009N**	P=0.205N	P=0.010N**

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone Marrow				
Angiectasis				
LESION RATES				
OVERALL (a)	4/50 (8%)	29/50 (58%)	34/50 (68%)	40/50 (80%)
POLY-3 RATE (b)	4/39.78	29/45.61	34/45.98	40/47.09
POLY-3 PERCENT (g)	10.1%	63.6%	73.9%	85%
TERMINAL (d)	1/19 (5%)	11/21 (52%)	19/25 (76%)	14/19 (74%)
FIRST INCIDENCE	537	509	493	389
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone Marrow Hemorrhage				
LESION RATES				
OVERALL (a)	0/50 (0%)	5/50 (10%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	5/40.45	1/42.12	0/38.36
POLY-3 PERCENT (g)	0%	12.4%	2.4%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	609	635	---
STATISTICAL TESTS				
POLY 3	P=0.228N	P=0.033*	P=0.517	(e)
POLY 1.5	P=0.235N	P=0.031*	P=0.509	(e)
POLY 6	P=0.213N	P=0.039*	P=0.531	(e)
COCH-ARM / FISHERS	P=0.242N	P=0.028*	P=0.500	(e)
MAX-ISO-POLY-3	P=0.113N	P=0.012*	P=0.179	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone Marrow Hyperplasia				
LESION RATES				
OVERALL (a)	17/50 (34%)	19/50 (38%)	20/50 (40%)	30/50 (60%)
POLY-3 RATE (b)	17/42.82	19/43.42	20/46.13	30/48.40
POLY-3 PERCENT (g)	39.7%	43.8%	43.4%	62%
TERMINAL (d)	5/19 (26%)	8/21 (38%)	5/25 (20%)	4/19 (21%)
FIRST INCIDENCE	477	309	442	389
STATISTICAL TESTS				
POLY 3	P=0.013*	P=0.433	P=0.446	P=0.023*
POLY 1.5	P=0.007**	P=0.415	P=0.396	P=0.013*
POLY 6	P=0.027*	P=0.467	P=0.527	P=0.050*
COCH-ARM / FISHERS	P=0.004**	P=0.418	P=0.339	P=0.008**
MAX-ISO-POLY-3	P=0.019*	P=0.348	P=0.365	P=0.019*

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone Marrow				
Myelofibrosis				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/39.04	0/39.44	0/41.79	2/38.72
POLY-3 PERCENT (g)	2.6%	0%	0%	5.2%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	617	---	---	653
STATISTICAL TESTS				
POLY 3	P=0.245	P=0.498N	P=0.486N	P=0.497
POLY 1.5	P=0.246	P=0.501N	P=0.493N	P=0.497
POLY 6	P=0.244	P=0.491N	P=0.475N	P=0.501
COCH-ARM / FISHERS	P=0.246	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.131	P=0.158N	P=0.158N	P=0.278

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone Marrow Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	4/50 (8%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/38.65	4/40.37	0/41.79	1/38.71
POLY-3 PERCENT (g)	0%	9.9%	0%	2.6%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	609	---	629
STATISTICAL TESTS				
POLY 3	P=0.517N	P=0.065	(e)	P=0.500
POLY 1.5	P=0.526N	P=0.061	(e)	P=0.499
POLY 6	P=0.496N	P=0.073	(e)	P=0.504
COCH-ARM / FISHERS	P=0.531N	P=0.059	(e)	P=0.500
MAX-ISO-POLY-3	P=0.239	P=0.023*	(e)	P=0.159

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone				
Osteopetrosis				
LESION RATES				
OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	4/50 (8%)
POLY-3 RATE (b)	3/39.24	1/39.57	0/41.79	4/38.61
POLY-3 PERCENT (g)	7.7%	2.5%	0%	10.4%
TERMINAL (d)	1/19 (5%)	0/21 (0%)	0/25 (0%)	2/19 (11%)
FIRST INCIDENCE	617	694	---	678
STATISTICAL TESTS				
POLY 3	P=0.311	P=0.301N	P=0.107N	P=0.491
POLY 1.5	P=0.313	P=0.307N	P=0.113N	P=0.494
POLY 6	P=0.310	P=0.289N	P=0.098N	P=0.492
COCH-ARM / FISHERS	P=0.313	P=0.309N	P=0.121N	P=0.500
MAX-ISO-POLY-3	P=0.126	P=0.151N	P=0.037N*	P=0.339

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Brain Hemorrhage				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	2/39.78	0/41.79	0/38.36
POLY-3 PERCENT (g)	0%	5%	0%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	680	---	---
STATISTICAL TESTS				
POLY 3	P=0.396N	P=0.243	(e)	(e)
POLY 1.5	P=0.402N	P=0.238	(e)	(e)
POLY 6	P=0.382N	P=0.254	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.259N	P=0.081	(e)	(e)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Epididymis				
Atrophy				
<hr/>				
LESION RATES				
OVERALL (a)	8/50 (16%)	7/50 (14%)	5/50 (10%)	4/50 (8%)
POLY-3 RATE (b)	8/41.34	7/40.27	5/43.00	4/39.31
POLY-3 PERCENT (g)	19.4%	17.4%	11.6%	10.2%
TERMINAL (d)	1/19 (5%)	1/21 (5%)	1/25 (4%)	1/19 (5%)
FIRST INCIDENCE	477	609	585	610
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.127N	P=0.523N	P=0.247N	P=0.198N
POLY 1.5	P=0.124N	P=0.522N	P=0.262N	P=0.190N
POLY 6	P=0.129N	P=0.512N	P=0.222N	P=0.204N
COCH-ARM / FISHERS	P=0.120N	P=0.500N	P=0.277N	P=0.178N
MAX-ISO-POLY-3	P=0.204N	P=0.408N	P=0.167N	P=0.128N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Eye: Lens				
Cataract				
LESION RATES				
OVERALL (a)	2/50 (4%)	5/50 (10%)	1/50 (2%)	6/50 (12%)
POLY-3 RATE (b)	2/38.95	5/39.86	1/41.79	6/38.61
POLY-3 PERCENT (g)	5.1%	12.6%	2.4%	15.5%
TERMINAL (d)	1/19 (5%)	1/21 (5%)	1/25 (4%)	4/19 (21%)
FIRST INCIDENCE	644	685	726 (T)	678
STATISTICAL TESTS				
POLY 3	P=0.148	P=0.223	P=0.475N	P=0.126
POLY 1.5	P=0.148	P=0.215	P=0.487N	P=0.129
POLY 6	P=0.149	P=0.241	P=0.456N	P=0.126
COCH-ARM / FISHERS	P=0.151	P=0.218	P=0.500N	P=0.134
MAX-ISO-POLY-3	P=0.084	P=0.126	P=0.266N	P=0.065

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Eye: Retina Degeneration				
LESION RATES				
OVERALL (a)	4/50 (8%)	2/50 (4%)	3/50 (6%)	5/50 (10%)
POLY-3 RATE (b)	4/39.76	2/39.57	3/42.16	5/38.43
POLY-3 PERCENT (g)	10.1%	5.1%	7.1%	13%
TERMINAL (d)	1/19 (5%)	1/21 (5%)	1/25 (4%)	4/19 (21%)
FIRST INCIDENCE	537	694	657	710
STATISTICAL TESTS				
POLY 3	P=0.308	P=0.338N	P=0.468N	P=0.478
POLY 1.5	P=0.315	P=0.343N	P=0.484N	P=0.487
POLY 6	P=0.300	P=0.326N	P=0.441N	P=0.470
COCH-ARM / FISHERS	P=0.320	P=0.339N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.318	P=0.201N	P=0.322N	P=0.343

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Eye: Retina				
Gliososis				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	2/39.49	0/41.79	0/38.36
POLY-3 PERCENT (g)	0%	5.1%	0%	0%
TERMINAL (d)	0/19 (0%)	1/21 (5%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	716	---	---
STATISTICAL TESTS				
POLY 3	P=0.397N	P=0.241	(e)	(e)
POLY 1.5	P=0.403N	P=0.237	(e)	(e)
POLY 6	P=0.384N	P=0.251	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.258N	P=0.080	(e)	(e)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	47/50 (94%)	48/50 (96%)	48/50 (96%)	48/50 (96%)
POLY-3 RATE (b)	47/48.88	48/48.92	48/49.89	48/48.80
POLY-3 PERCENT (g)	96.2%	98.1%	96.2%	98.4%
TERMINAL (d)	19/19 (100%)	21/21 (100%)	24/25 (96%)	19/19 (100%)
FIRST INCIDENCE	383	117	442	436
STATISTICAL TESTS				
POLY 3	P=0.409	P=0.513	P=0.714	P=0.478
POLY 1.5	P=0.403	P=0.462	P=0.614	P=0.462
POLY 6	P=0.463	P=0.679	P=0.625N	P=0.599
COCH-ARM / FISHERS	P=0.431	P=0.500	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.371	P=0.247	P=0.494	P=0.205

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Heart Mineralization				
LESION RATES				
OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	3/40.79	0/41.79	0/38.36
POLY-3 PERCENT (g)	0%	7.4%	0%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	117	---	---
STATISTICAL TESTS				
POLY 3	P=0.296N	P=0.128	(e)	(e)
POLY 1.5	P=0.304N	P=0.123	(e)	(e)
POLY 6	P=0.281N	P=0.138	(e)	(e)
COCH-ARM / FISHERS	P=0.311N	P=0.121	(e)	(e)
MAX-ISO-POLY-3	P=0.179N	P=0.046*	(e)	(e)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L

Heart: Atrium
Thrombosis

LESION RATES

OVERALL (a)	5/50 (10%)	6/50 (12%)	7/50 (14%)	5/50 (10%)
POLY-3 RATE (b)	5/39.09	6/40.36	7/43.11	5/39.03
POLY-3 PERCENT (g)	12.8%	14.9%	16.2%	12.8%
TERMINAL (d)	3/19 (16%)	2/21 (10%)	0/25 (0%)	2/19 (11%)
FIRST INCIDENCE	608	526	621	629

STATISTICAL TESTS

POLY 3	P=0.546N	P=0.523	P=0.449	P=0.632
POLY 1.5	P=0.546N	P=0.504	P=0.415	P=0.628
POLY 6	P=0.539N	P=0.558	P=0.509	P=0.625N
COCH-ARM / FISHERS	P=0.545N	P=0.500	P=0.380	P=0.630N
MAX-ISO-POLY-3	P=0.632	P=0.394	P=0.336	P=0.498

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Intestine Large, Cecum Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/49 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	0/39.44	2/41.36	0/38.36
POLY-3 PERCENT (g)	0%	0%	4.8%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	605	---
STATISTICAL TESTS				
POLY 3	P=0.581	(e)	P=0.252	(e)
POLY 1.5	P=0.587	(e)	P=0.243	(e)
POLY 6	P=0.574	(e)	P=0.269	(e)
COCH-ARM / FISHERS	P=0.594	(e)	P=0.242	(e)
MAX-ISO-POLY-3	P=0.267	(e)	P=0.091	(e)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Intestine Large, Colon				
Parasite Metazoan				
LESION RATES				
OVERALL (a)	6/50 (12%)	8/50 (16%)	10/50 (20%)	8/50 (16%)
POLY-3 RATE (b)	6/39.30	8/40.95	10/43.06	8/38.90
POLY-3 PERCENT (g)	15.3%	19.5%	23.2%	20.6%
TERMINAL (d)	2/19 (11%)	4/21 (19%)	6/25 (24%)	6/19 (32%)
FIRST INCIDENCE	664	530	493	644
STATISTICAL TESTS				
POLY 3	P=0.329	P=0.417	P=0.262	P=0.375
POLY 1.5	P=0.338	P=0.394	P=0.235	P=0.378
POLY 6	P=0.321	P=0.458	P=0.310	P=0.376
COCH-ARM / FISHERS	P=0.348	P=0.387	P=0.207	P=0.387
MAX-ISO-POLY-3	P=0.376	P=0.310	P=0.190	P=0.270

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/38.65	2/39.44	0/41.12	1/38.93
POLY-3 PERCENT (g)	0%	5.1%	0%	2.6%
TERMINAL (d)	0/19 (0%)	2/21 (10%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	726 (T)	---	548
STATISTICAL TESTS				
POLY 3	P=0.545	P=0.241	(e)	P=0.501
POLY 1.5	P=0.540	P=0.237	(e)	P=0.500
POLY 6	P=0.557	P=0.250	(e)	P=0.505
COCH-ARM / FISHERS	P=0.538	P=0.247	(e)	P=0.500
MAX-ISO-POLY-3	P=0.335	P=0.080	(e)	P=0.160

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Kidney				
Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	3/39.09	0/39.44	1/41.79	0/38.36
POLY-3 PERCENT (g)	7.7%	0%	2.4%	0%
TERMINAL (d)	1/19 (5%)	0/21 (0%)	1/25 (4%)	0/19 (0%)
FIRST INCIDENCE	610	---	726 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.084N	P=0.116N	P=0.281N	P=0.121N
POLY 1.5	P=0.084N	P=0.119N	P=0.293N	P=0.121N
POLY 6	P=0.086N	P=0.109N	P=0.262N	P=0.120N
COCH-ARM / FISHERS	P=0.086N	P=0.121N	P=0.309N	P=0.121N
MAX-ISO-POLY-3	P=0.025N*	P=0.037N*	P=0.145N	P=0.040N*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Kidney Mineralization				
LESION RATES				
OVERALL (a)	16/50 (32%)	21/50 (42%)	25/50 (50%)	23/50 (46%)
POLY-3 RATE (b)	16/42.45	21/43.77	25/45.93	23/43.91
POLY-3 PERCENT (g)	37.7%	48%	54.4%	52.4%
TERMINAL (d)	6/19 (32%)	8/21 (38%)	11/25 (44%)	7/19 (37%)
FIRST INCIDENCE	477	117	442	389
STATISTICAL TESTS				
POLY 3	P=0.111	P=0.221	P=0.079	P=0.116
POLY 1.5	P=0.103	P=0.207	P=0.064	P=0.109
POLY 6	P=0.134	P=0.263	P=0.116	P=0.140
COCH-ARM / FISHERS	P=0.100	P=0.204	P=0.052	P=0.109
MAX-ISO-POLY-3	P=0.111	P=0.165	P=0.058	P=0.081

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Kidney Nephropathy				
LESION RATES				
OVERALL (a)	48/50 (96%)	49/50 (98%)	49/50 (98%)	49/50 (98%)
POLY-3 RATE (b)	48/48.65	49/49.00	49/49.67	49/49.15
POLY-3 PERCENT (g)	98.7%	100%	98.7%	99.7%
TERMINAL (d)	19/19 (100%)	21/21 (100%)	25/25 (100%)	19/19 (100%)
FIRST INCIDENCE	477	309	442	436
STATISTICAL TESTS				
POLY 3	P=0.611	P=0.744	P=0.877N	P=0.814
POLY 1.5	P=0.525	P=0.485	P=0.730	P=0.627
POLY 6	P=0.810	P=0.997	P=0.946N	P=0.998
COCH-ARM / FISHERS	P=0.409	P=0.500	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.336	P=0.109	P=0.499N	P=0.183

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L

Kidney: Pelvis
Calculus Micro Observation Only

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	0/39.44	0/41.79	0/38.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Kidney: Pelvis Dilatation				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	2/41.08	0/41.79	0/38.36
POLY-3 PERCENT (g)	0%	4.9%	0%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	117	---	---
STATISTICAL TESTS				
POLY 3	P=0.391N	P=0.250	(e)	(e)
POLY 1.5	P=0.399N	P=0.244	(e)	(e)
POLY 6	P=0.377N	P=0.263	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.266N	P=0.089	(e)	(e)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Kidney: Renal Tubule Dilatation				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	2/41.08	0/41.79	0/38.36
POLY-3 PERCENT (g)	0%	4.9%	0%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	117	---	---
STATISTICAL TESTS				
POLY 3	P=0.391N	P=0.250	(e)	(e)
POLY 1.5	P=0.399N	P=0.244	(e)	(e)
POLY 6	P=0.377N	P=0.263	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.266N	P=0.089	(e)	(e)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Angiectasis				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	0/38.65	1/39.44	3/41.79	4/39.11
POLY-3 PERCENT (g)	0%	2.5%	7.2%	10.2%
TERMINAL (d)	0/19 (0%)	1/21 (5%)	3/25 (12%)	1/19 (5%)
FIRST INCIDENCE	---	726 (T)	726 (T)	610
STATISTICAL TESTS				
POLY 3	P=0.025*	P=0.504	P=0.132	P=0.060
POLY 1.5	P=0.025*	P=0.500	P=0.126	P=0.060
POLY 6	P=0.026*	P=0.513	P=0.145	P=0.063
COCH-ARM / FISHERS	P=0.025*	P=0.500	P=0.121	P=0.059
MAX-ISO-POLY-3	P=0.031*	P=0.163	P=0.050*	P=0.020*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	13/50 (26%)	23/50 (46%)	17/50 (34%)	20/50 (40%)
POLY-3 RATE (b)	13/40.09	23/42.48	17/42.71	20/40.95
POLY-3 PERCENT (g)	32.4%	54.1%	39.8%	48.8%
TERMINAL (d)	9/19 (47%)	13/21 (62%)	12/25 (48%)	13/19 (68%)
FIRST INCIDENCE	580	309	618	481
STATISTICAL TESTS				
POLY 3	P=0.200	P=0.031*	P=0.316	P=0.091
POLY 1.5	P=0.200	P=0.027*	P=0.285	P=0.093
POLY 6	P=0.209	P=0.043*	P=0.378	P=0.094
COCH-ARM / FISHERS	P=0.206	P=0.030*	P=0.257	P=0.101
MAX-ISO-POLY-3	P=0.101	P=0.021*	P=0.245	P=0.059

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	19/50 (38%)	20/50 (40%)	21/50 (42%)	16/50 (32%)
POLY-3 RATE (b)	19/40.13	20/40.32	21/42.21	16/38.83
POLY-3 PERCENT (g)	47.4%	49.6%	49.8%	41.2%
TERMINAL (d)	14/19 (74%)	17/21 (81%)	19/25 (76%)	14/19 (74%)
FIRST INCIDENCE	537	558	667	664
STATISTICAL TESTS				
POLY 3	P=0.297N	P=0.509	P=0.501	P=0.367N
POLY 1.5	P=0.287N	P=0.486	P=0.459	P=0.357N
POLY 6	P=0.306N	P=0.562	P=0.582	P=0.375N
COCH-ARM / FISHERS	P=0.277N	P=0.500	P=0.419	P=0.338N
MAX-ISO-POLY-3	P=0.391N	P=0.414	P=0.410	P=0.286N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Degeneration Cystic				
LESION RATES				
OVERALL (a)	12/50 (24%)	12/50 (24%)	11/50 (22%)	14/50 (28%)
POLY-3 RATE (b)	12/39.56	12/40.07	11/43.95	14/40.94
POLY-3 PERCENT (g)	30.3%	30%	25%	34.2%
TERMINAL (d)	9/19 (47%)	7/21 (33%)	4/25 (16%)	7/19 (37%)
FIRST INCIDENCE	580	674	493	548
STATISTICAL TESTS				
POLY 3	P=0.401	P=0.583N	P=0.382N	P=0.446
POLY 1.5	P=0.382	P=0.590	P=0.438N	P=0.424
POLY 6	P=0.441	P=0.540N	P=0.295N	P=0.497
COCH-ARM / FISHERS	P=0.359	P=0.592N	P=0.500N	P=0.410
MAX-ISO-POLY-3	P=0.457	P=0.484N	P=0.302N	P=0.354

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	6/50 (12%)	10/50 (20%)	7/50 (14%)	14/50 (28%)
POLY-3 RATE (b)	6/39.12	10/40.82	7/42.48	14/39.87
POLY-3 PERCENT (g)	15.3%	24.5%	16.5%	35.1%
TERMINAL (d)	4/19 (21%)	7/21 (33%)	6/25 (24%)	9/19 (47%)
FIRST INCIDENCE	664	526	493	573
STATISTICAL TESTS				
POLY 3	P=0.036*	P=0.226	P=0.564	P=0.034*
POLY 1.5	P=0.037*	P=0.210	P=0.534	P=0.035*
POLY 6	P=0.037*	P=0.259	P=0.611	P=0.035*
COCH-ARM / FISHERS	P=0.040*	P=0.207	P=0.500	P=0.039*
MAX-ISO-POLY-3	P=0.027*	P=0.155	P=0.444	P=0.019*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Fatty Change				
LESION RATES				
OVERALL (a)	8/50 (16%)	7/50 (14%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	8/41.77	7/41.70	4/43.55	1/38.60
POLY-3 PERCENT (g)	19.2%	16.8%	9.2%	2.6%
TERMINAL (d)	1/19 (5%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	477	530	442	664
STATISTICAL TESTS				
POLY 3	P=0.010N**	P=0.501N	P=0.154N	P=0.020N*
POLY 1.5	P=0.009N**	P=0.511N	P=0.165N	P=0.018N*
POLY 6	P=0.011N*	P=0.476N	P=0.137N	P=0.022N*
COCH-ARM / FISHERS	P=0.008N**	P=0.500N	P=0.178N	P=0.015N*
MAX-ISO-POLY-3	P=0.015N*	P=0.387N	P=0.096N	P=0.010N**

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Fatty Change Focal				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/38.65	0/39.44	1/42.19	4/40.38
POLY-3 PERCENT (g)	0%	0%	2.4%	9.9%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	611	467
STATISTICAL TESTS				
POLY 3	P=0.006**	(e)	P=0.517	P=0.065
POLY 1.5	P=0.005**	(e)	P=0.509	P=0.062
POLY 6	P=0.006**	(e)	P=0.532	P=0.070
COCH-ARM / FISHERS	P=0.006**	(e)	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.008**	(e)	P=0.180	P=0.023*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/38.88	0/39.44	0/41.79	3/39.05
POLY-3 PERCENT (g)	2.6%	0%	0%	7.7%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	1/19 (5%)
FIRST INCIDENCE	664	---	---	575
STATISTICAL TESTS				
POLY 3	P=0.085	P=0.497N	P=0.486N	P=0.306
POLY 1.5	P=0.085	P=0.501N	P=0.492N	P=0.304
POLY 6	P=0.084	P=0.490N	P=0.474N	P=0.311
COCH-ARM / FISHERS	P=0.086	P=0.500N	P=0.500N	P=0.309
MAX-ISO-POLY-3	P=0.042*	P=0.158N	P=0.158N	P=0.154

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Hepatodiaphragmatic Nodule				
LESION RATES				
OVERALL (a)	9/50 (18%)	4/50 (8%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	9/39.79	4/40.39	3/41.89	2/38.36
POLY-3 PERCENT (g)	22.6%	9.9%	7.2%	5.2%
TERMINAL (d)	5/19 (26%)	1/21 (5%)	2/25 (8%)	2/19 (11%)
FIRST INCIDENCE	561	603	702	726 (T)
STATISTICAL TESTS				
POLY 3	P=0.017N*	P=0.104N	P=0.045N*	P=0.026N*
POLY 1.5	P=0.017N*	P=0.114N	P=0.052N	P=0.026N*
POLY 6	P=0.018N*	P=0.087N	P=0.036N*	P=0.026N*
COCH-ARM / FISHERS	P=0.018N*	P=0.117N	P=0.061N	P=0.026N*
MAX-ISO-POLY-3	P=0.012N*	P=0.060N	P=0.025N*	P=0.013N*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	32/50 (64%)	36/50 (72%)	36/50 (72%)	36/50 (72%)
POLY-3 RATE (b)	32/44.76	36/46.25	36/47.87	36/46.18
POLY-3 PERCENT (g)	71.5%	77.8%	75.2%	78%
TERMINAL (d)	17/19 (90%)	17/21 (81%)	20/25 (80%)	15/19 (79%)
FIRST INCIDENCE	477	309	442	436
STATISTICAL TESTS				
POLY 3	P=0.321	P=0.313	P=0.429	P=0.306
POLY 1.5	P=0.298	P=0.268	P=0.350	P=0.281
POLY 6	P=0.368	P=0.406	P=0.560	P=0.367
COCH-ARM / FISHERS	P=0.266	P=0.260	P=0.260	P=0.260
MAX-ISO-POLY-3	P=0.368	P=0.231	P=0.338	P=0.225

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	3/50 (6%)	2/50 (4%)	6/50 (12%)	1/50 (2%)
POLY-3 RATE (b)	3/38.65	2/39.54	6/42.67	1/38.36
POLY-3 PERCENT (g)	7.8%	5.1%	14.1%	2.6%
TERMINAL (d)	3/19 (16%)	1/21 (5%)	4/25 (16%)	1/19 (5%)
FIRST INCIDENCE	726 (T)	702	587	726 (T)
STATISTICAL TESTS				
POLY 3	P=0.350N	P=0.490N	P=0.291	P=0.307N
POLY 1.5	P=0.347N	P=0.500N	P=0.267	P=0.307N
POLY 6	P=0.353N	P=0.469N	P=0.334	P=0.302N
COCH-ARM / FISHERS	P=0.344N	P=0.500N	P=0.243	P=0.309N
MAX-ISO-POLY-3	P=0.231N	P=0.315N	P=0.194	P=0.155N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Necrosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	2/39.25	1/40.09	4/43.77	5/40.30
POLY-3 PERCENT (g)	5.1%	2.5%	9.1%	12.4%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	608	516	453	389
STATISTICAL TESTS				
POLY 3	P=0.083	P=0.493N	P=0.388	P=0.224
POLY 1.5	P=0.082	P=0.500N	P=0.365	P=0.220
POLY 6	P=0.084	P=0.480N	P=0.426	P=0.234
COCH-ARM / FISHERS	P=0.079	P=0.500N	P=0.339	P=0.218
MAX-ISO-POLY-3	P=0.118	P=0.275N	P=0.252	P=0.128

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Pigmentation Hemosiderin				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/39.25	0/39.44	2/41.79	1/38.67
POLY-3 PERCENT (g)	2.6%	0%	4.8%	2.6%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	2/25 (8%)	0/19 (0%)
FIRST INCIDENCE	537	---	726 (T)	642
STATISTICAL TESTS				
POLY 3	P=0.491	P=0.499N	P=0.522	P=0.758
POLY 1.5	P=0.496	P=0.502N	P=0.511	P=0.758
POLY 6	P=0.487	P=0.493N	P=0.541	P=0.760
COCH-ARM / FISHERS	P=0.500	P=0.500N	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.401	P=0.158N	P=0.304	P=0.495

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Tension Lipidosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/38.65	0/39.44	1/42.27	2/39.18
POLY-3 PERCENT (g)	0%	0%	2.4%	5.1%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	585	575
STATISTICAL TESTS				
POLY 3	P=0.070	(e)	P=0.518	P=0.239
POLY 1.5	P=0.070	(e)	P=0.509	P=0.238
POLY 6	P=0.071	(e)	P=0.532	P=0.245
COCH-ARM / FISHERS	P=0.070	(e)	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.081	(e)	P=0.180	P=0.078

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver: Bile Duct Hyperplasia				
LESION RATES				
OVERALL (a)	49/50 (98%)	48/50 (96%)	49/50 (98%)	48/50 (96%)
POLY-3 RATE (b)	49/49.15	48/48.08	49/49.67	48/48.68
POLY-3 PERCENT (g)	99.7%	99.8%	98.7%	98.6%
TERMINAL (d)	19/19 (100%)	21/21 (100%)	25/25 (100%)	19/19 (100%)
FIRST INCIDENCE	477	509	442	436
STATISTICAL TESTS				
POLY 3	P=0.385N	P=1.000	P=0.758N	P=0.791N
POLY 1.5	P=0.337N	P=0.977	P=0.735N	P=0.613N
POLY 6	P=0.621N	P=1.000	P=0.899N	P=0.995N
COCH-ARM / FISHERS	P=0.444N	P=0.500N	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.296N	P=0.355	P=0.228N	P=0.175N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver: Hepatocyte Degeneration				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/38.65	0/39.44	1/42.56	3/39.10
POLY-3 PERCENT (g)	0%	0%	2.4%	7.7%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	442	653
STATISTICAL TESTS				
POLY 3	P=0.020*	(e)	P=0.519	P=0.119
POLY 1.5	P=0.020*	(e)	P=0.510	P=0.118
POLY 6	P=0.020*	(e)	P=0.533	P=0.124
COCH-ARM / FISHERS	P=0.020*	(e)	P=0.500	P=0.121
MAX-ISO-POLY-3	P=0.024*	(e)	P=0.182	P=0.039*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver: Oval Cell Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	0/39.44	1/41.94	0/38.36
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	688	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lung				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	15/50 (30%)	11/50 (22%)	11/50 (22%)	19/50 (38%)
POLY-3 RATE (b)	15/40.57	11/41.27	11/43.54	19/42.06
POLY-3 PERCENT (g)	37%	26.7%	25.3%	45.2%
TERMINAL (d)	10/19 (53%)	6/21 (29%)	7/25 (28%)	6/19 (32%)
FIRST INCIDENCE	593	533	585	436
STATISTICAL TESTS				
POLY 3	P=0.154	P=0.217N	P=0.173N	P=0.291
POLY 1.5	P=0.149	P=0.241N	P=0.206N	P=0.273
POLY 6	P=0.168	P=0.178N	P=0.127N	P=0.339
COCH-ARM / FISHERS	P=0.143	P=0.247N	P=0.247N	P=0.263
MAX-ISO-POLY-3	P=0.102	P=0.155N	P=0.127N	P=0.222

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	5/50 (10%)	7/50 (14%)	12/50 (24%)	10/50 (20%)
POLY-3 RATE (b)	5/39.60	7/39.87	12/41.91	10/39.40
POLY-3 PERCENT (g)	12.6%	17.6%	28.6%	25.4%
TERMINAL (d)	3/19 (16%)	5/21 (24%)	10/25 (40%)	6/19 (32%)
FIRST INCIDENCE	561	609	699	610
STATISTICAL TESTS				
POLY 3	P=0.080	P=0.381	P=0.062	P=0.119
POLY 1.5	P=0.084	P=0.373	P=0.057	P=0.123
POLY 6	P=0.078	P=0.403	P=0.073	P=0.120
COCH-ARM / FISHERS	P=0.091	P=0.380	P=0.054	P=0.131
MAX-ISO-POLY-3	P=0.089	P=0.270	P=0.038*	P=0.071

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lung: Alveolar Epithelium Hypertrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/38.65	0/39.44	0/41.79	2/38.64
POLY-3 PERCENT (g)	0%	0%	0%	5.2%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	674
STATISTICAL TESTS				
POLY 3	P=0.045*	(e)	(e)	P=0.236
POLY 1.5	P=0.045*	(e)	(e)	P=0.236
POLY 6	P=0.045*	(e)	(e)	P=0.239
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.032*	(e)	(e)	P=0.075

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lung: Alveolus Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	20/50 (40%)	22/50 (44%)	25/50 (50%)	22/50 (44%)
POLY-3 RATE (b)	20/41.74	22/43.75	25/45.93	22/42.73
POLY-3 PERCENT (g)	47.9%	50.3%	54.4%	51.5%
TERMINAL (d)	11/19 (58%)	7/21 (33%)	13/25 (52%)	9/19 (47%)
FIRST INCIDENCE	544	509	442	389
STATISTICAL TESTS				
POLY 3	P=0.402	P=0.499	P=0.342	P=0.455
POLY 1.5	P=0.394	P=0.442	P=0.277	P=0.435
POLY 6	P=0.421	P=0.579N	P=0.456	P=0.501
COCH-ARM / FISHERS	P=0.377	P=0.420	P=0.211	P=0.420
MAX-ISO-POLY-3	P=0.509	P=0.411	P=0.275	P=0.367

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lymph Node, Mandibular Ectasia				
LESION RATES				
OVERALL (a)	4/50 (8%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	4/38.82	1/39.44	2/42.14	0/38.36
POLY-3 PERCENT (g)	10.3%	2.5%	4.8%	0%
TERMINAL (d)	3/19 (16%)	1/21 (5%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	683	726 (T)	657	---
STATISTICAL TESTS				
POLY 3	P=0.051N	P=0.172N	P=0.299N	P=0.060N
POLY 1.5	P=0.051N	P=0.179N	P=0.317N	P=0.061N
POLY 6	P=0.051N	P=0.159N	P=0.268N	P=0.059N
COCH-ARM / FISHERS	P=0.052N	P=0.181N	P=0.339N	P=0.059N
MAX-ISO-POLY-3	P=0.022N*	P=0.080N	P=0.180N	P=0.020N*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lymph Node, Mesenteric Atrophy				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/49 (0%)	4/50 (8%)
POLY-3 RATE (b)	2/39.58	0/39.44	0/41.12	4/39.21
POLY-3 PERCENT (g)	5.1%	0%	0%	10.2%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	1/19 (5%)
FIRST INCIDENCE	568	---	---	642
STATISTICAL TESTS				
POLY 3	P=0.102	P=0.237N	P=0.228N	P=0.331
POLY 1.5	P=0.102	P=0.240N	P=0.235N	P=0.332
POLY 6	P=0.101	P=0.231N	P=0.217N	P=0.335
COCH-ARM / FISHERS	P=0.104	P=0.247N	P=0.253N	P=0.339
MAX-ISO-POLY-3	P=0.035*	P=0.076N	P=0.076N	P=0.196

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lymph Node, Mesenteric Hemorrhage				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/38.65	0/39.44	0/41.12	2/38.90
POLY-3 PERCENT (g)	0%	0%	0%	5.1%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	587
STATISTICAL TESTS				
POLY 3	P=0.046*	(e)	(e)	P=0.238
POLY 1.5	P=0.046*	(e)	(e)	P=0.237
POLY 6	P=0.046*	(e)	(e)	P=0.242
COCH-ARM / FISHERS	P=0.047*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.034*	(e)	(e)	P=0.077

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lymph Node: Renal Infiltration Cellular Plasma Cell				
LESION RATES				
OVERALL (a)	2/5 (40%)	0/2 (0%)	0/8 (0%)	0/7 (0%)
POLY-3 RATE (b)	2/4.51	0/1.65	0/7.29	0/6.10
POLY-3 PERCENT (g)	44.4%	0%	0%	0%
TERMINAL (d)	1/2 (50%)	0/0 (0%)	0/4 (0%)	0/3 (0%)
FIRST INCIDENCE	638	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.036N*	P=0.474N	P=0.096N	P=0.130N
POLY 1.5	P=0.038N*	P=0.461N	P=0.099N	P=0.129N
POLY 6	P=0.032N*	P=0.509N	P=0.096N	P=0.134N
COCH-ARM / FISHERS	P=0.058N	P=0.476N	P=0.128N	P=0.152N
MAX-ISO-POLY-3	P=0.010N**	P=0.217N	P=0.025N*	P=0.030N*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Mammary Gland Hyperplasia				
LESION RATES				
OVERALL (a)	6/49 (12%)	1/50 (2%)	2/49 (4%)	1/49 (2%)
POLY-3 RATE (b)	6/37.65	1/39.44	2/41.37	1/37.55
POLY-3 PERCENT (g)	15.9%	2.5%	4.8%	2.7%
TERMINAL (d)	6/18 (33%)	1/21 (5%)	1/25 (4%)	1/19 (5%)
FIRST INCIDENCE	726 (T)	726 (T)	685	726 (T)
STATISTICAL TESTS				
POLY 3	P=0.047N*	P=0.046N*	P=0.102N	P=0.053N
POLY 1.5	P=0.047N*	P=0.051N	P=0.116N	P=0.055N
POLY 6	P=0.047N*	P=0.038N*	P=0.080N	P=0.049N*
COCH-ARM / FISHERS	P=0.050N*	P=0.053N	P=0.134N	P=0.056N
MAX-ISO-POLY-3	P=0.014N*	P=0.020N*	P=0.057N	P=0.022N*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Mammary Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/49 (4%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/37.82	0/39.44	0/41.21	0/37.55
POLY-3 PERCENT (g)	5.3%	0%	0%	0%
TERMINAL (d)	1/18 (6%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	683	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.112N	P=0.227N	P=0.218N	P=0.238N
POLY 1.5	P=0.112N	P=0.232N	P=0.227N	P=0.238N
POLY 6	P=0.113N	P=0.217N	P=0.203N	P=0.235N
COCH-ARM / FISHERS	P=0.115N	P=0.242N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.033N*	P=0.074N	P=0.075N	P=0.077N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	7/7 (100%)	3/4 (75%)	3/9 (33%)	3/10 (30%)
POLY-3 RATE (b)	7/7.00	3/4.00	3/8.09	3/8.92
POLY-3 PERCENT (g)	100%	75%	37.1%	33.7%
TERMINAL (d)	7/7 (100%)	1/2 (50%)	1/3 (33%)	0/2 (0%)
FIRST INCIDENCE	726 (T)	595	605	573
STATISTICAL TESTS				
POLY 3	P=0.002N**	P=0.384N	P=0.003N**	P<0.001N**
POLY 1.5	P<0.001N**	P=0.384N	P=0.003N**	P<0.001N**
POLY 6	P=0.002N**	P=0.384N	P=0.006N**	P=0.002N**
COCH-ARM / FISHERS	P=0.004N**	P=0.364N	P=0.010N**	P=0.006N**
MAX-ISO-POLY-3	P=0.002N**	P=0.110N	P<0.001N**	P<0.001N**

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	12/50 (24%)	16/50 (32%)	10/50 (20%)	17/50 (34%)
POLY-3 RATE (b)	12/40.26	16/42.24	10/42.57	17/42.27
POLY-3 PERCENT (g)	29.8%	37.9%	23.5%	40.2%
TERMINAL (d)	7/19 (37%)	7/21 (33%)	6/25 (24%)	6/19 (32%)
FIRST INCIDENCE	544	526	605	481
STATISTICAL TESTS				
POLY 3	P=0.264	P=0.290	P=0.342N	P=0.218
POLY 1.5	P=0.249	P=0.261	P=0.372N	P=0.200
POLY 6	P=0.297	P=0.350	P=0.293N	P=0.261
COCH-ARM / FISHERS	P=0.235	P=0.252	P=0.405N	P=0.189
MAX-ISO-POLY-3	P=0.256	P=0.221	P=0.261N	P=0.161

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Nose Inflammation				
LESION RATES				
OVERALL (a)	15/50 (30%)	21/50 (42%)	14/50 (28%)	22/50 (44%)
POLY-3 RATE (b)	15/40.95	21/42.89	14/43.54	22/43.79
POLY-3 PERCENT (g)	36.6%	49%	32.2%	50.2%
TERMINAL (d)	8/19 (42%)	10/21 (48%)	7/25 (28%)	9/19 (47%)
FIRST INCIDENCE	544	526	513	389
STATISTICAL TESTS				
POLY 3	P=0.205	P=0.171	P=0.418N	P=0.140
POLY 1.5	P=0.185	P=0.149	P=0.457N	P=0.123
POLY 6	P=0.237	P=0.219	P=0.356N	P=0.174
COCH-ARM / FISHERS	P=0.160	P=0.149	P=0.500N	P=0.107
MAX-ISO-POLY-3	P=0.164	P=0.125	P=0.334N	P=0.103

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	4/50 (8%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	4/39.34	0/39.44	0/41.79	0/38.36
POLY-3 PERCENT (g)	10.2%	0%	0%	0%
TERMINAL (d)	2/19 (11%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	568	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.017N*	P=0.059N	P=0.052N	P=0.062N
POLY 1.5	P=0.017N*	P=0.061N	P=0.056N	P=0.062N
POLY 6	P=0.017N*	P=0.054N	P=0.046N*	P=0.062N
COCH-ARM / FISHERS	P=0.020N*	P=0.059N	P=0.059N	P=0.059N
MAX-ISO-POLY-3	P=0.003N**	P=0.019N*	P=0.019N*	P=0.021N*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Pancreas Atrophy				
LESION RATES				
OVERALL (a)	18/50 (36%)	19/50 (38%)	15/49 (31%)	21/50 (42%)
POLY-3 RATE (b)	18/43.27	19/43.32	15/42.04	21/42.14
POLY-3 PERCENT (g)	41.6%	43.9%	35.7%	49.8%
TERMINAL (d)	6/19 (32%)	7/21 (33%)	11/25 (44%)	10/19 (53%)
FIRST INCIDENCE	537	516	611	467
STATISTICAL TESTS				
POLY 3	P=0.281	P=0.502	P=0.365N	P=0.287
POLY 1.5	P=0.306	P=0.486	P=0.364N	P=0.309
POLY 6	P=0.250	P=0.534	P=0.360N	P=0.261
COCH-ARM / FISHERS	P=0.333	P=0.500	P=0.361N	P=0.341
MAX-ISO-POLY-3	P=0.302	P=0.412	P=0.286N	P=0.219

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Pancreas: Acinus Hyperplasia				
LESION RATES				
OVERALL (a)	4/50 (8%)	1/50 (2%)	3/49 (6%)	4/50 (8%)
POLY-3 RATE (b)	4/39.48	1/39.44	3/41.12	4/39.15
POLY-3 PERCENT (g)	10.1%	2.5%	7.3%	10.2%
TERMINAL (d)	1/19 (5%)	1/21 (5%)	3/25 (12%)	1/19 (5%)
FIRST INCIDENCE	608	726 (T)	726 (T)	610
STATISTICAL TESTS				
POLY 3	P=0.418	P=0.177N	P=0.478N	P=0.641
POLY 1.5	P=0.420	P=0.181N	P=0.494N	P=0.640
POLY 6	P=0.417	P=0.169N	P=0.451N	P=0.646
COCH-ARM / FISHERS	P=0.419	P=0.181N	P=0.511N	P=0.643N
MAX-ISO-POLY-3	P=0.418	P=0.082N	P=0.330N	P=0.494

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Parathyroid Gland Hyperplasia				
LESION RATES				
OVERALL (a)	6/49 (12%)	1/48 (2%)	1/46 (2%)	1/44 (2%)
POLY-3 RATE (b)	6/39.23	1/37.60	1/39.10	1/33.38
POLY-3 PERCENT (g)	15.3%	2.7%	2.6%	3%
TERMINAL (d)	2/19 (11%)	0/20 (0%)	0/24 (0%)	1/16 (6%)
FIRST INCIDENCE	638	691	657	726 (T)
STATISTICAL TESTS				
POLY 3	P=0.042N*	P=0.060N	P=0.054N	P=0.083N
POLY 1.5	P=0.043N*	P=0.062N	P=0.060N	P=0.080N
POLY 6	P=0.041N*	P=0.057N	P=0.046N*	P=0.087N
COCH-ARM / FISHERS	P=0.047N*	P=0.059N	P=0.066N	P=0.074N
MAX-ISO-POLY-3	P=0.024N*	P=0.027N*	P=0.024N*	P=0.044N*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Pituitary Gland Atrophy				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/49 (0%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	2/39.57	0/38.86	0/40.79	0/36.67
POLY-3 PERCENT (g)	5.1%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/24 (0%)	0/18 (0%)
FIRST INCIDENCE	579	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.113N	P=0.241N	P=0.230N	P=0.254N
POLY 1.5	P=0.114N	P=0.244N	P=0.236N	P=0.251N
POLY 6	P=0.113N	P=0.234N	P=0.220N	P=0.256N
COCH-ARM / FISHERS	P=0.118N	P=0.253N	P=0.253N	P=0.258N
MAX-ISO-POLY-3	P=0.044N*	P=0.078N	P=0.076N	P=0.090N

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	12/50 (24%)	14/49 (29%)	18/49 (37%)	21/48 (44%)
POLY-3 RATE (b)	12/41.30	14/42.87	18/43.23	21/40.86
POLY-3 PERCENT (g)	29.1%	32.7%	41.6%	51.4%
TERMINAL (d)	5/19 (26%)	5/21 (24%)	9/24 (38%)	10/18 (56%)
FIRST INCIDENCE	537	309	585	436
STATISTICAL TESTS				
POLY 3	P=0.014*	P=0.451	P=0.158	P=0.027*
POLY 1.5	P=0.015*	P=0.414	P=0.139	P=0.027*
POLY 6	P=0.013*	P=0.511	P=0.201	P=0.028*
COCH-ARM / FISHERS	P=0.017*	P=0.387	P=0.123	P=0.032*
MAX-ISO-POLY-3	P=0.020*	P=0.361	P=0.114	P=0.015*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Preputial Gland Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	1/38.65	2/39.63	2/41.79	0/37.79
POLY-3 PERCENT (g)	2.6%	5.1%	4.8%	0%
TERMINAL (d)	1/19 (5%)	0/21 (0%)	2/25 (8%)	0/19 (0%)
FIRST INCIDENCE	726 (T)	685	726 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.301N	P=0.509	P=0.527	P=0.504N
POLY 1.5	P=0.302N	P=0.501	P=0.514	P=0.505N
POLY 6	P=0.296N	P=0.526	P=0.550	P=0.502N
COCH-ARM / FISHERS	P=0.301N	P=0.500	P=0.500	P=0.505N
MAX-ISO-POLY-3	P=0.249N	P=0.289	P=0.309	P=0.162N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Preputial Gland Inflammation				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/39.37	0/39.44	0/41.79	0/37.79
POLY-3 PERCENT (g)	5.1%	0%	0%	0%
TERMINAL (d)	1/19 (5%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	477	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.112N	P=0.236N	P=0.224N	P=0.246N
POLY 1.5	P=0.112N	P=0.239N	P=0.230N	P=0.245N
POLY 6	P=0.112N	P=0.228N	P=0.212N	P=0.244N
COCH-ARM / FISHERS	P=0.116N	P=0.247N	P=0.247N	P=0.253N
MAX-ISO-POLY-3	P=0.038N*	P=0.075N	P=0.075N	P=0.083N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Prostate Inflammation				
LESION RATES				
OVERALL (a)	42/50 (84%)	41/50 (82%)	45/50 (90%)	35/50 (70%)
POLY-3 RATE (b)	42/48.16	41/46.66	45/48.27	35/44.89
POLY-3 PERCENT (g)	87.2%	87.9%	93.2%	78%
TERMINAL (d)	15/19 (79%)	19/21 (91%)	23/25 (92%)	16/19 (84%)
FIRST INCIDENCE	477	117	442	389
STATISTICAL TESTS				
POLY 3	P=0.109N	P=0.591	P=0.243	P=0.161N
POLY 1.5	P=0.069N	P=0.605N	P=0.255	P=0.110N
POLY 6	P=0.222N	P=0.542	P=0.242	P=0.282N
COCH-ARM / FISHERS	P=0.051N	P=0.500N	P=0.277	P=0.077N
MAX-ISO-POLY-3	P=0.064N	P=0.459	P=0.144	P=0.105N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Prostate: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	11/50 (22%)	17/50 (34%)	12/50 (24%)	14/50 (28%)
POLY-3 RATE (b)	11/39.46	17/41.12	12/41.99	14/40.06
POLY-3 PERCENT (g)	27.9%	41.3%	28.6%	35%
TERMINAL (d)	8/19 (42%)	11/21 (52%)	11/25 (44%)	9/19 (47%)
FIRST INCIDENCE	607	558	674	467
STATISTICAL TESTS				
POLY 3	P=0.448	P=0.143	P=0.571	P=0.327
POLY 1.5	P=0.443	P=0.129	P=0.536	P=0.322
POLY 6	P=0.461	P=0.178	P=0.575N	P=0.342
COCH-ARM / FISHERS	P=0.436	P=0.133	P=0.500	P=0.322
MAX-ISO-POLY-3	P=0.403	P=0.100	P=0.471	P=0.245

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Seminal Vesicle Inflammation				
LESION RATES				
OVERALL (a)	3/50 (6%)	3/50 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	3/39.41	3/41.08	2/42.21	1/38.71
POLY-3 PERCENT (g)	7.6%	7.3%	4.7%	2.6%
TERMINAL (d)	0/19 (0%)	1/21 (5%)	1/25 (4%)	0/19 (0%)
FIRST INCIDENCE	610	117	605	629
STATISTICAL TESTS				
POLY 3	P=0.198N	P=0.644N	P=0.469N	P=0.311N
POLY 1.5	P=0.197N	P=0.653N	P=0.483N	P=0.309N
POLY 6	P=0.198N	P=0.629N	P=0.445N	P=0.310N
COCH-ARM / FISHERS	P=0.194N	P=0.661N	P=0.500N	P=0.309N
MAX-ISO-POLY-3	P=0.279N	P=0.478N	P=0.302N	P=0.159N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Skin				
Cyst Epithelial Inclusion				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/38.95	0/39.44	2/42.26	0/38.36
POLY-3 PERCENT (g)	2.6%	0%	4.7%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	1/25 (4%)	0/19 (0%)
FIRST INCIDENCE	644	---	587	---
STATISTICAL TESTS				
POLY 3	P=0.468N	P=0.497N	P=0.528	P=0.503N
POLY 1.5	P=0.464N	P=0.501N	P=0.515	P=0.502N
POLY 6	P=0.473N	P=0.491N	P=0.551	P=0.503N
COCH-ARM / FISHERS	P=0.461N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.337N	P=0.158N	P=0.311	P=0.162N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Skin Inflammation				
LESION RATES				
OVERALL (a)	3/50 (6%)	5/50 (10%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	3/39.30	5/39.75	5/42.41	5/38.75
POLY-3 PERCENT (g)	7.6%	12.6%	11.8%	12.9%
TERMINAL (d)	1/19 (5%)	4/21 (19%)	3/25 (12%)	3/19 (16%)
FIRST INCIDENCE	608	644	587	642
STATISTICAL TESTS				
POLY 3	P=0.329	P=0.361	P=0.398	P=0.347
POLY 1.5	P=0.333	P=0.353	P=0.378	P=0.350
POLY 6	P=0.328	P=0.379	P=0.432	P=0.347
COCH-ARM / FISHERS	P=0.338	P=0.357	P=0.357	P=0.357
MAX-ISO-POLY-3	P=0.380	P=0.235	P=0.272	P=0.223

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Skin				
Ulcer				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/39.48	3/40.20	1/41.79	3/38.67
POLY-3 PERCENT (g)	5.1%	7.5%	2.4%	7.8%
TERMINAL (d)	0/19 (0%)	1/21 (5%)	1/25 (4%)	2/19 (11%)
FIRST INCIDENCE	607	595	726 (T)	642
STATISTICAL TESTS				
POLY 3	P=0.471	P=0.508	P=0.480N	P=0.491
POLY 1.5	P=0.473	P=0.499	P=0.490N	P=0.494
POLY 6	P=0.470	P=0.526	P=0.464N	P=0.490
COCH-ARM / FISHERS	P=0.477	P=0.500	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.478	P=0.331	P=0.269N	P=0.316

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Skin: Epidermis Hyperkeratosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	2/39.19	1/39.47	2/41.94	2/38.36
POLY-3 PERCENT (g)	5.1%	2.5%	4.8%	5.2%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	1/25 (4%)	2/19 (11%)
FIRST INCIDENCE	644	719	688	726 (T)
STATISTICAL TESTS				
POLY 3	P=0.517	P=0.497N	P=0.670N	P=0.687
POLY 1.5	P=0.522	P=0.502N	P=0.681N	P=0.689
POLY 6	P=0.511	P=0.487N	P=0.651N	P=0.687
COCH-ARM / FISHERS	P=0.526	P=0.500N	P=0.691N	P=0.691N
MAX-ISO-POLY-3	P=0.603	P=0.278N	P=0.472N	P=0.491

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Skin: Epidermis Hyperplasia				
LESION RATES				
OVERALL (a)	4/50 (8%)	5/50 (10%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	4/39.60	5/39.75	5/42.41	2/38.36
POLY-3 PERCENT (g)	10.1%	12.6%	11.8%	5.2%
TERMINAL (d)	1/19 (5%)	4/21 (19%)	3/25 (12%)	2/19 (11%)
FIRST INCIDENCE	607	644	587	726 (T)
STATISTICAL TESTS				
POLY 3	P=0.252N	P=0.502	P=0.543	P=0.350N
POLY 1.5	P=0.247N	P=0.494	P=0.523	P=0.346N
POLY 6	P=0.258N	P=0.519	P=0.577	P=0.356N
COCH-ARM / FISHERS	P=0.240N	P=0.500	P=0.500	P=0.339N
MAX-ISO-POLY-3	P=0.297N	P=0.363	P=0.405	P=0.213N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	32/50 (64%)	31/50 (62%)	31/49 (63%)	32/50 (64%)
POLY-3 RATE (b)	32/45.22	31/46.33	31/44.91	32/46.76
POLY-3 PERCENT (g)	70.8%	66.9%	69%	68.4%
TERMINAL (d)	13/19 (68%)	15/21 (71%)	21/25 (84%)	10/19 (53%)
FIRST INCIDENCE	477	117	442	389
STATISTICAL TESTS				
POLY 3	P=0.491N	P=0.429N	P=0.521N	P=0.494N
POLY 1.5	P=0.520N	P=0.457N	P=0.534N	P=0.529N
POLY 6	P=0.454N	P=0.396N	P=0.508N	P=0.450N
COCH-ARM / FISHERS	P=0.514	P=0.500N	P=0.553N	P=0.582N
MAX-ISO-POLY-3	P=0.608N	P=0.340N	P=0.423N	P=0.399N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Spleen Infarct				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/38.97	1/39.44	0/41.12	1/38.55
POLY-3 PERCENT (g)	5.1%	2.5%	0%	2.6%
TERMINAL (d)	1/19 (5%)	1/21 (5%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	638	726 (T)	---	678
STATISTICAL TESTS				
POLY 3	P=0.363N	P=0.496N	P=0.225N	P=0.504N
POLY 1.5	P=0.365N	P=0.502N	P=0.233N	P=0.503N
POLY 6	P=0.360N	P=0.484N	P=0.212N	P=0.502N
COCH-ARM / FISHERS	P=0.367N	P=0.500N	P=0.253N	P=0.500N
MAX-ISO-POLY-3	P=0.231N	P=0.277N	P=0.076N	P=0.284N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Spleen				
Pigmentation Hemosiderin				
LESION RATES				
OVERALL (a)	35/50 (70%)	36/50 (72%)	32/49 (65%)	28/50 (56%)
POLY-3 RATE (b)	35/46.14	36/46.26	32/43.74	28/43.12
POLY-3 PERCENT (g)	75.9%	77.8%	73.2%	64.9%
TERMINAL (d)	15/19 (79%)	17/21 (81%)	22/25 (88%)	14/19 (74%)
FIRST INCIDENCE	383	117	493	481
STATISTICAL TESTS				
POLY 3	P=0.093N	P=0.510	P=0.478N	P=0.166N
POLY 1.5	P=0.075N	P=0.501	P=0.445N	P=0.141N
POLY 6	P=0.116N	P=0.539	P=0.504N	P=0.195N
COCH-ARM / FISHERS	P=0.052N	P=0.500	P=0.388N	P=0.107N
MAX-ISO-POLY-3	P=0.148N	P=0.403	P=0.377N	P=0.118N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Spleen				
Stromal Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/49 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/38.65	0/39.44	1/41.12	2/38.71
POLY-3 PERCENT (g)	2.6%	0%	2.4%	5.2%
TERMINAL (d)	1/19 (5%)	0/21 (0%)	1/25 (4%)	1/19 (5%)
FIRST INCIDENCE	726 (T)	---	726 (T)	629
STATISTICAL TESTS				
POLY 3	P=0.246	P=0.496N	P=0.747N	P=0.501
POLY 1.5	P=0.248	P=0.500N	P=0.756N	P=0.499
POLY 6	P=0.244	P=0.487N	P=0.732N	P=0.507
COCH-ARM / FISHERS	P=0.247	P=0.500N	P=0.747	P=0.500
MAX-ISO-POLY-3	P=0.229	P=0.158N	P=0.482N	P=0.280

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Spleen Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/38.65	0/39.44	0/41.12	1/39.21
POLY-3 PERCENT (g)	0%	0%	0%	2.6%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	389
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L

Spleen: Lymphoid Follicle Atrophy

LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/49 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/38.65	0/39.44	3/41.74	0/38.36
POLY-3 PERCENT (g)	0%	0%	7.2%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	1/25 (4%)	0/19 (0%)
FIRST INCIDENCE	---	---	605	---

STATISTICAL TESTS				
POLY 3	P=0.522	(e)	P=0.132	(e)
POLY 1.5	P=0.530	(e)	P=0.124	(e)
POLY 6	P=0.514	(e)	P=0.148	(e)
COCH-ARM / FISHERS	P=0.538	(e)	P=0.117	(e)
MAX-ISO-POLY-3	P=0.183	(e)	P=0.050*	(e)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Stomach, Forestomach Inflammation				
LESION RATES				
OVERALL (a)	13/50 (26%)	8/50 (16%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	13/42.39	8/41.05	4/43.32	0/38.36
POLY-3 PERCENT (g)	30.7%	19.5%	9.2%	0%
TERMINAL (d)	3/19 (16%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	477	530	585	---
STATISTICAL TESTS				
POLY 3	P<0.001N**	P=0.175N	P=0.011N*	P<0.001N**
POLY 1.5	P<0.001N**	P=0.176N	P=0.013N*	P<0.001N**
POLY 6	P<0.001N**	P=0.167N	P=0.009N**	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.163N	P=0.016N*	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.121N	P=0.005N**	P<0.001N**

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Stomach, Forestomach Ulcer				
LESION RATES				
OVERALL (a)	6/50 (12%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	6/41.02	3/40.08	1/42.17	0/38.36
POLY-3 PERCENT (g)	14.6%	7.5%	2.4%	0%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	477	609	618	---
STATISTICAL TESTS				
POLY 3	P=0.005N**	P=0.251N	P=0.050N*	P=0.018N*
POLY 1.5	P=0.005N**	P=0.253N	P=0.053N	P=0.017N*
POLY 6	P=0.005N**	P=0.243N	P=0.045N*	P=0.020N*
COCH-ARM / FISHERS	P=0.006N**	P=0.243N	P=0.056N	P=0.013N*
MAX-ISO-POLY-3	P=0.006N**	P=0.155N	P=0.022N*	P=0.007N**

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Stomach, Forestomach: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	12/50 (24%)	8/50 (16%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	12/42.02	8/41.02	4/43.32	1/38.55
POLY-3 PERCENT (g)	28.6%	19.5%	9.2%	2.6%
TERMINAL (d)	3/19 (16%)	1/21 (5%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	477	530	585	678
STATISTICAL TESTS				
POLY 3	P<0.001N**	P=0.237N	P=0.019N*	P<0.001N**
POLY 1.5	P<0.001N**	P=0.241N	P=0.022N*	P<0.001N**
POLY 6	P<0.001N**	P=0.226N	P=0.015N*	P=0.002N**
COCH-ARM / FISHERS	P<0.001N**	P=0.227N	P=0.027N*	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.168N	P=0.010N**	P<0.001N**

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Stomach, Glandular Inflammation				
LESION RATES				
OVERALL (a)	7/50 (14%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	7/40.06	1/39.64	2/42.23	0/38.36
POLY-3 PERCENT (g)	17.5%	2.5%	4.7%	0%
TERMINAL (d)	2/19 (11%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	602	674	618	---
STATISTICAL TESTS				
POLY 3	P=0.005N**	P=0.029N*	P=0.065N	P=0.008N**
POLY 1.5	P=0.005N**	P=0.031N*	P=0.071N	P=0.008N**
POLY 6	P=0.005N**	P=0.027N*	P=0.055N	P=0.009N**
COCH-ARM / FISHERS	P=0.006N**	P=0.030N*	P=0.080N	P=0.006N**
MAX-ISO-POLY-3	P<0.001N**	P=0.012N*	P=0.034N*	P=0.003N**

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Stomach, Glandular Ulcer				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/38.82	0/39.44	0/41.79	0/38.36
POLY-3 PERCENT (g)	5.2%	0%	0%	0%
TERMINAL (d)	1/19 (5%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	683	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.111N	P=0.233N	P=0.221N	P=0.239N
POLY 1.5	P=0.111N	P=0.237N	P=0.228N	P=0.239N
POLY 6	P=0.112N	P=0.224N	P=0.208N	P=0.237N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.034N*	P=0.075N	P=0.075N	P=0.078N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Testes				
Atrophy				
LESION RATES				
OVERALL (a)	15/50 (30%)	16/50 (32%)	16/50 (32%)	17/50 (34%)
POLY-3 RATE (b)	15/41.99	16/42.15	16/44.77	17/41.60
POLY-3 PERCENT (g)	35.7%	38%	35.7%	40.9%
TERMINAL (d)	6/19 (32%)	5/21 (24%)	7/25 (28%)	5/19 (26%)
FIRST INCIDENCE	477	516	442	575
STATISTICAL TESTS				
POLY 3	P=0.368	P=0.505	P=0.589	P=0.396
POLY 1.5	P=0.371	P=0.486	P=0.547	P=0.398
POLY 6	P=0.379	P=0.553	P=0.527N	P=0.414
COCH-ARM / FISHERS	P=0.379	P=0.500	P=0.500	P=0.415
MAX-ISO-POLY-3	P=0.499	P=0.412	P=0.498	P=0.311

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L

Testes: Germinal Epithelium
Degeneration

LESION RATES

OVERALL (a)	8/50 (16%)	10/50 (20%)	8/50 (16%)	9/50 (18%)
POLY-3 RATE (b)	8/41.47	10/43.79	8/44.76	9/41.97
POLY-3 PERCENT (g)	19.3%	22.8%	17.9%	21.4%
TERMINAL (d)	1/19 (5%)	2/21 (10%)	1/25 (4%)	0/19 (0%)
FIRST INCIDENCE	477	117	442	436

STATISTICAL TESTS

POLY 3	P=0.518	P=0.446	P=0.543N	P=0.511
POLY 1.5	P=0.513	P=0.424	P=0.572N	P=0.504
POLY 6	P=0.530	P=0.483	P=0.499N	P=0.529
COCH-ARM / FISHERS	P=0.513	P=0.398	P=0.607N	P=0.500
MAX-ISO-POLY-3	P=0.630	P=0.347	P=0.433N	P=0.402

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Testes: Interstitial Cell Hyperplasia				
LESION RATES				
OVERALL (a)	23/50 (46%)	26/50 (52%)	24/50 (48%)	19/50 (38%)
POLY-3 RATE (b)	23/45.35	26/45.32	24/45.73	19/44.83
POLY-3 PERCENT (g)	50.7%	57.4%	52.5%	42.4%
TERMINAL (d)	6/19 (32%)	9/21 (43%)	11/25 (44%)	4/19 (21%)
FIRST INCIDENCE	477	509	493	436
STATISTICAL TESTS				
POLY 3	P=0.166N	P=0.333	P=0.517	P=0.276N
POLY 1.5	P=0.163N	P=0.318	P=0.506	P=0.275N
POLY 6	P=0.175N	P=0.372	P=0.547	P=0.279N
COCH-ARM / FISHERS	P=0.169N	P=0.345	P=0.500	P=0.272N
MAX-ISO-POLY-3	P=0.211N	P=0.259	P=0.430	P=0.211N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Thymus Atrophy				
LESION RATES				
OVERALL (a)	47/48 (98%)	46/47 (98%)	46/48 (96%)	49/49 (100%)
POLY-3 RATE (b)	47/47.53	46/46.58	46/47.63	49/49.00
POLY-3 PERCENT (g)	98.9%	98.8%	96.6%	100%
TERMINAL (d)	19/19 (100%)	21/21 (100%)	25/25 (100%)	19/19 (100%)
FIRST INCIDENCE	383	117	442	389
STATISTICAL TESTS				
POLY 3	P=0.495	P=0.880N	P=0.470N	P=0.803
POLY 1.5	P=0.425	P=0.814N	P=0.480N	P=0.638
POLY 6	P=0.631	P=0.981N	P=0.476N	P=0.993
COCH-ARM / FISHERS	P=0.359	P=0.747N	P=0.500N	P=0.495
MAX-ISO-POLY-3	P=0.284	P=0.468N	P=0.195N	P=0.159

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Thyroid Gland: C-Cell Hyperplasia				
LESION RATES				
OVERALL (a)	22/50 (44%)	20/50 (40%)	21/50 (42%)	24/50 (48%)
POLY-3 RATE (b)	22/42.36	20/41.69	21/43.76	24/43.93
POLY-3 PERCENT (g)	51.9%	48%	48%	54.6%
TERMINAL (d)	11/19 (58%)	9/21 (43%)	12/25 (48%)	8/19 (42%)
FIRST INCIDENCE	568	533	618	499
STATISTICAL TESTS				
POLY 3	P=0.393	P=0.440N	P=0.438N	P=0.485
POLY 1.5	P=0.359	P=0.449N	P=0.469N	P=0.448
POLY 6	P=0.459	P=0.414N	P=0.381N	P=0.561
COCH-ARM / FISHERS	P=0.323	P=0.420N	P=0.500N	P=0.421
MAX-ISO-POLY-3	P=0.491	P=0.353N	P=0.354N	P=0.397

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L

Thyroid Gland: Follicle
Cyst

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/38.65	0/39.44	0/41.79	2/39.72
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	436

STATISTICAL TESTS

POLY 3	P=0.046*	(e)	(e)	P=0.243
POLY 1.5	P=0.046*	(e)	(e)	P=0.240
POLY 6	P=0.047*	(e)	(e)	P=0.248
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.037*	(e)	(e)	P=0.081

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Thyroid Gland: Follicular Cell Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/39.61	0/39.44	0/41.79	1/38.67
POLY-3 PERCENT (g)	5.1%	0%	0%	2.6%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	580	---	---	642
STATISTICAL TESTS				
POLY 3	P=0.455N	P=0.237N	P=0.225N	P=0.508N
POLY 1.5	P=0.456N	P=0.240N	P=0.231N	P=0.506N
POLY 6	P=0.454N	P=0.232N	P=0.215N	P=0.509N
COCH-ARM / FISHERS	P=0.461N	P=0.247N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.141N	P=0.076N	P=0.075N	P=0.289N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Tongue: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/38.65	0/39.44	1/41.79	2/38.36
POLY-3 PERCENT (g)	0%	0%	2.4%	5.2%
TERMINAL (d)	0/19 (0%)	0/21 (0%)	1/25 (4%)	2/19 (11%)
FIRST INCIDENCE	---	---	726 (T)	726 (T)
STATISTICAL TESTS				
POLY 3	P=0.068	(e)	P=0.516	P=0.235
POLY 1.5	P=0.069	(e)	P=0.508	P=0.235
POLY 6	P=0.067	(e)	P=0.528	P=0.236
COCH-ARM / FISHERS	P=0.070	(e)	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.077	(e)	P=0.177	P=0.075

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Urinary Bladder Inflammation				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/38.65	2/40.77	0/41.79	0/38.36
POLY-3 PERCENT (g)	2.6%	4.9%	0%	0%
TERMINAL (d)	1/19 (5%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
FIRST INCIDENCE	726 (T)	117	---	---
STATISTICAL TESTS				
POLY 3	P=0.183N	P=0.519	P=0.484N	P=0.501N
POLY 1.5	P=0.186N	P=0.509	P=0.492N	P=0.501N
POLY 6	P=0.176N	P=0.537	P=0.472N	P=0.500N
COCH-ARM / FISHERS	P=0.188N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.184N	P=0.300	P=0.158N	P=0.160N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Cortex Degeneration Cystic				
LESION RATES				
OVERALL (a)	4/50 (8%)	2/50 (4%)	2/50 (4%)	6/50 (12%)
POLY-3 RATE (b)	4/45.75	2/42.52	2/33.00	6/30.70
POLY-3 PERCENT (g)	8.7%	4.7%	6.1%	19.6%
TERMINAL (d)	1/34 (3%)	1/26 (4%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	635	704	574	509
STATISTICAL TESTS				
POLY 3	P=0.093	P=0.371N	P=0.495N	P=0.159
POLY 1.5	P=0.135	P=0.353N	P=0.420N	P=0.245
POLY 6	P=0.051	P=0.402N	P=0.610N	P=0.072
COCH-ARM / FISHERS	P=0.200	P=0.339N	P=0.339N	P=0.370
MAX-ISO-POLY-3	P=0.087	P=0.235N	P=0.353N	P=0.128

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Cortex Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	1/42.49	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	712	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Cortex Hypertrophy				
LESION RATES				
OVERALL (a)	5/50 (10%)	0/50 (0%)	1/50 (2%)	5/50 (10%)
POLY-3 RATE (b)	5/45.10	0/42.43	1/32.73	5/30.20
POLY-3 PERCENT (g)	11.1%	0%	3.1%	16.6%
TERMINAL (d)	4/34 (12%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	635	---	561	519
STATISTICAL TESTS				
POLY 3	P=0.257	P=0.036N*	P=0.194N	P=0.372
POLY 1.5	P=0.298	P=0.033N*	P=0.146N	P=0.492
POLY 6	P=0.215	P=0.041N*	P=0.290N	P=0.210
COCH-ARM / FISHERS	P=0.357	P=0.028N*	P=0.102N	P=0.630N
MAX-ISO-POLY-3	P=0.089	P=0.014N*	P=0.131N	P=0.287

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Cortex Necrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	2/29.20
POLY-3 PERCENT (g)	0%	0%	0%	6.9%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	509
STATISTICAL TESTS				
POLY 3	P=0.032*	(e)	(e)	P=0.158
POLY 1.5	P=0.037*	(e)	(e)	P=0.191
POLY 6	P=0.034*	(e)	(e)	P=0.116
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.032*	(e)	(e)	P=0.074

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Cortex				
Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	3/50 (6%)	6/50 (12%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	3/45.87	6/42.85	2/32.19	0/27.98
POLY-3 PERCENT (g)	6.5%	14%	6.2%	0%
TERMINAL (d)	1/34 (3%)	5/26 (19%)	2/7 (29%)	0/2 (0%)
FIRST INCIDENCE	432	607	727 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.172N	P=0.209	P=0.654N	P=0.232N
POLY 1.5	P=0.090N	P=0.225	P=0.585N	P=0.172N
POLY 6	P=0.429N	P=0.184	P=0.586	P=0.348N
COCH-ARM / FISHERS	P=0.042N*	P=0.243	P=0.500N	P=0.121N
MAX-ISO-POLY-3	P=0.161N	P=0.130	P=0.480N	P=0.139N

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Cortex: Zona Fasciculata Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	4/50 (8%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/44.77	4/42.90	1/32.72	1/28.32
POLY-3 PERCENT (g)	0%	9.3%	3.1%	3.5%
TERMINAL (d)	0/34 (0%)	3/26 (12%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	588	564	635
STATISTICAL TESTS				
POLY 3	P=0.396	P=0.055	P=0.439	P=0.413
POLY 1.5	P=0.529	P=0.058	P=0.467	P=0.453
POLY 6	P=0.216	P=0.049*	P=0.396	P=0.354
COCH-ARM / FISHERS	P=0.556N	P=0.059	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.267	P=0.019*	P=0.158	P=0.157

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	5/50 (10%)	1/50 (2%)
POLY-3 RATE (b)	2/45.33	0/42.43	5/33.44	1/28.32
POLY-3 PERCENT (g)	4.4%	0%	15%	3.5%
TERMINAL (d)	1/34 (3%)	0/26 (0%)	1/7 (14%)	0/2 (0%)
FIRST INCIDENCE	551	---	588	635
STATISTICAL TESTS				
POLY 3	P=0.323	P=0.252N	P=0.113	P=0.654N
POLY 1.5	P=0.445	P=0.244N	P=0.155	P=0.584N
POLY 6	P=0.191	P=0.265N	P=0.068	P=0.664
COCH-ARM / FISHERS	P=0.596	P=0.247N	P=0.218	P=0.500N
MAX-ISO-POLY-3	P=0.218	P=0.090N	P=0.079	P=0.440N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Blood Vessel Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone Marrow				
Angiectasis				
LESION RATES				
OVERALL (a)	1/50 (2%)	19/50 (38%)	32/50 (64%)	39/50 (78%)
POLY-3 RATE (b)	1/44.84	19/46.79	32/44.90	39/45.40
POLY-3 PERCENT (g)	2.2%	40.6%	71.3%	85.9%
TERMINAL (d)	0/34 (0%)	7/26 (27%)	1/7 (14%)	1/2 (50%)
FIRST INCIDENCE	709	558	334	411
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone Marrow Hemorrhage				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.77	1/42.86	0/32.19	0/27.98
POLY-3 PERCENT (g)	2.2%	2.3%	0%	0%
TERMINAL (d)	1/34 (3%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	601	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone Marrow Hyperplasia				
LESION RATES				
OVERALL (a)	23/50 (46%)	35/50 (70%)	40/50 (80%)	43/50 (86%)
POLY-3 RATE (b)	23/48.26	35/48.61	40/46.59	43/46.75
POLY-3 PERCENT (g)	47.7%	72%	85.9%	92%
TERMINAL (d)	12/34 (35%)	16/26 (62%)	5/7 (71%)	1/2 (50%)
FIRST INCIDENCE	432	558	386	414
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.010**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.011*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.009**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.013*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.006**	P<0.001**	P<0.001**

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone Marrow				
Myelofibrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	1/28.46
POLY-3 PERCENT (g)	0%	0%	0%	3.5%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	585
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone Marrow Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Bone				
Osteopetrosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	8/50 (16%)	5/50 (10%)
POLY-3 RATE (b)	2/44.77	2/42.60	8/35.00	5/30.43
POLY-3 PERCENT (g)	4.5%	4.7%	22.9%	16.4%
TERMINAL (d)	2/34 (6%)	1/26 (4%)	1/7 (14%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	683	449	411
STATISTICAL TESTS				
POLY 3	P=0.018*	P=0.676	P=0.016*	P=0.094
POLY 1.5	P=0.044*	P=0.686	P=0.026*	P=0.142
POLY 6	P=0.004**	P=0.660	P=0.007**	P=0.045*
COCH-ARM / FISHERS	P=0.107	P=0.691N	P=0.046*	P=0.218
MAX-ISO-POLY-3	P=0.027*	P=0.479	P=0.012*	P=0.071

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Brain Hemorrhage				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	2/42.92	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	4.7%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	607	---	---
STATISTICAL TESTS				
POLY 3	P=0.532N	P=0.228	(e)	(e)
POLY 1.5	P=0.465N	P=0.233	(e)	(e)
POLY 6	P=0.619	P=0.219	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.417N	P=0.076	(e)	(e)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Clitoral Gland Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	5/49 (10%)	3/49 (6%)	0/48 (0%)
POLY-3 RATE (b)	1/44.77	5/41.55	3/32.26	0/26.73
POLY-3 PERCENT (g)	2.2%	12%	9.3%	0%
TERMINAL (d)	1/34 (3%)	3/25 (12%)	0/6 (0%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	712	601	---
STATISTICAL TESTS				
POLY 3	P=0.493N	P=0.084	P=0.200	P=0.597N
POLY 1.5	P=0.339N	P=0.091	P=0.243	P=0.556N
POLY 6	P=0.368	P=0.074	P=0.147	P=0.656N
COCH-ARM / FISHERS	P=0.205N	P=0.098	P=0.301	P=0.510N
MAX-ISO-POLY-3	P=0.252N	P=0.040*	P=0.119	P=0.273N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Clitoral Gland Inflammation				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/49 (0%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	2/45.10	0/41.43	0/31.19	0/26.73
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	1/34 (3%)	0/25 (0%)	0/6 (0%)	0/2 (0%)
FIRST INCIDENCE	635	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.113N	P=0.256N	P=0.327N	P=0.367N
POLY 1.5	P=0.114N	P=0.249N	P=0.285N	P=0.307N
POLY 6	P=0.133N	P=0.270N	P=0.399N	P=0.467N
COCH-ARM / FISHERS	P=0.118N	P=0.253N	P=0.253N	P=0.258N
MAX-ISO-POLY-3	P=0.179N	P=0.093N	P=0.160N	P=0.196N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Eye: Lens				
Cataract				
LESION RATES				
OVERALL (a)	5/50 (10%)	1/50 (2%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	5/45.55	1/42.43	6/33.89	3/29.13
POLY-3 PERCENT (g)	11%	2.4%	17.7%	10.3%
TERMINAL (d)	2/34 (6%)	1/26 (4%)	0/7 (0%)	1/2 (50%)
FIRST INCIDENCE	635	727 (T)	561	519
STATISTICAL TESTS				
POLY 3	P=0.382	P=0.118N	P=0.301	P=0.609N
POLY 1.5	P=0.510	P=0.109N	P=0.390	P=0.490N
POLY 6	P=0.228	P=0.135N	P=0.188	P=0.484
COCH-ARM / FISHERS	P=0.482N	P=0.102N	P=0.500	P=0.357N
MAX-ISO-POLY-3	P=0.321	P=0.060N	P=0.229	P=0.469N

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Eye: Retina Degeneration				
LESION RATES				
OVERALL (a)	6/50 (12%)	2/50 (4%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	6/45.55	2/42.73	5/33.72	3/29.13
POLY-3 PERCENT (g)	13.2%	4.7%	14.8%	10.3%
TERMINAL (d)	3/34 (9%)	1/26 (4%)	0/7 (0%)	1/2 (50%)
FIRST INCIDENCE	635	645	561	519
STATISTICAL TESTS				
POLY 3	P=0.535N	P=0.154N	P=0.546	P=0.497N
POLY 1.5	P=0.423N	P=0.143N	P=0.612N	P=0.369N
POLY 6	P=0.405	P=0.174N	P=0.398	P=0.566
COCH-ARM / FISHERS	P=0.299N	P=0.134N	P=0.500N	P=0.243N
MAX-ISO-POLY-3	P=0.542N	P=0.089N	P=0.426	P=0.381N

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Eye: Retina				
Gliososis				
<hr/>				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.77	1/42.43	1/32.19	0/27.98
POLY-3 PERCENT (g)	2.2%	2.4%	3.1%	0%
TERMINAL (d)	1/34 (3%)	1/26 (4%)	1/7 (14%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	45/50 (90%)	42/50 (84%)	39/50 (78%)	35/50 (70%)
POLY-3 RATE (b)	45/50.00	42/48.66	39/44.69	35/42.48
POLY-3 PERCENT (g)	90%	86.3%	87.3%	82.4%
TERMINAL (d)	29/34 (85%)	23/26 (89%)	7/7 (100%)	2/2 (100%)
FIRST INCIDENCE	330	551	386	247
STATISTICAL TESTS				
POLY 3	P=0.168N	P=0.397N	P=0.459N	P=0.194N
POLY 1.5	P=0.041N*	P=0.341N	P=0.253N	P=0.056N
POLY 6	P=0.527	P=0.485N	P=0.545	P=0.627N
COCH-ARM / FISHERS	P=0.006N**	P=0.277N	P=0.086N	P=0.011N*
MAX-ISO-POLY-3	P=0.216N	P=0.284N	P=0.332N	P=0.131N

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Heart Mineralization				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L

Heart: Atrium
Thrombosis

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	1/42.52	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	704	---	---

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Intestine Large, Cecum Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	1/42.85	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	607	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Intestine Large, Colon				
Parasite Metazoan				
LESION RATES				
OVERALL (a)	6/50 (12%)	9/50 (18%)	5/50 (10%)	4/50 (8%)
POLY-3 RATE (b)	6/44.77	9/43.62	5/33.59	4/29.65
POLY-3 PERCENT (g)	13.4%	20.6%	14.9%	13.5%
TERMINAL (d)	6/34 (18%)	5/26 (19%)	1/7 (14%)	1/2 (50%)
FIRST INCIDENCE	727 (T)	594	568	494
STATISTICAL TESTS				
POLY 3	P=0.502N	P=0.267	P=0.555	P=0.627
POLY 1.5	P=0.337N	P=0.280	P=0.607N	P=0.510N
POLY 6	P=0.315	P=0.245	P=0.413	P=0.422
COCH-ARM / FISHERS	P=0.189N	P=0.288	P=0.500N	P=0.370N
MAX-ISO-POLY-3	P=0.584N	P=0.185	P=0.434	P=0.496

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Kidney				
Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Kidney Mineralization				
LESION RATES				
OVERALL (a)	28/50 (56%)	21/50 (42%)	20/50 (40%)	27/50 (54%)
POLY-3 RATE (b)	28/48.51	21/46.23	20/39.64	27/40.24
POLY-3 PERCENT (g)	57.7%	45.4%	50.5%	67.1%
TERMINAL (d)	16/34 (47%)	8/26 (31%)	4/7 (57%)	2/2 (100%)
FIRST INCIDENCE	432	551	494	247
STATISTICAL TESTS				
POLY 3	P=0.146	P=0.158N	P=0.317N	P=0.237
POLY 1.5	P=0.290	P=0.133N	P=0.183N	P=0.430
POLY 6	P=0.032*	P=0.204N	P=0.571N	P=0.058
COCH-ARM / FISHERS	P=0.500	P=0.115N	P=0.080N	P=0.500N
MAX-ISO-POLY-3	P=0.120	P=0.118N	P=0.263N	P=0.193

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Kidney Nephropathy				
LESION RATES				
OVERALL (a)	43/50 (86%)	40/50 (80%)	44/50 (88%)	46/50 (92%)
POLY-3 RATE (b)	43/47.74	40/48.16	44/46.68	46/47.64
POLY-3 PERCENT (g)	90.1%	83.1%	94.3%	96.6%
TERMINAL (d)	30/34 (88%)	21/26 (81%)	7/7 (100%)	2/2 (100%)
FIRST INCIDENCE	608	551	334	411
STATISTICAL TESTS				
POLY 3	P=0.043*	P=0.229N	P=0.338	P=0.172
POLY 1.5	P=0.065	P=0.234N	P=0.434	P=0.202
POLY 6	P=0.024*	P=0.265N	P=0.201	P=0.126
COCH-ARM / FISHERS	P=0.124	P=0.298N	P=0.500	P=0.262
MAX-ISO-POLY-3	P=0.043*	P=0.146N	P=0.201	P=0.081

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Kidney: Pelvis				
Calculus Micro Observation Only				
LESION RATES				
OVERALL (a)	0/50 (0%)	3/50 (6%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	3/42.43	4/32.87	0/27.98
POLY-3 PERCENT (g)	0%	7.1%	12.2%	0%
TERMINAL (d)	0/34 (0%)	3/26 (12%)	1/7 (14%)	0/2 (0%)
FIRST INCIDENCE	---	727 (T)	645	---
STATISTICAL TESTS				
POLY 3	P=0.374	P=0.109	P=0.030*	(e)
POLY 1.5	P=0.547	P=0.114	P=0.042*	(e)
POLY 6	P=0.158	P=0.101	P=0.019*	(e)
COCH-ARM / FISHERS	P=0.474N	P=0.121	P=0.059	(e)
MAX-ISO-POLY-3	P=0.235	P=0.038*	P=0.018*	(e)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Kidney: Pelvis Dilatation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Kidney: Renal Tubule Dilatation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	1/28.31
POLY-3 PERCENT (g)	0%	0%	0%	3.5%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	636
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Angiectasis				
LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/44.77	0/42.43	1/32.66	2/29.48
POLY-3 PERCENT (g)	6.7%	0%	3.1%	6.8%
TERMINAL (d)	3/34 (9%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	---	588	414
STATISTICAL TESTS				
POLY 3	P=0.561	P=0.128N	P=0.425N	P=0.670
POLY 1.5	P=0.594N	P=0.123N	P=0.368N	P=0.597N
POLY 6	P=0.518	P=0.138N	P=0.518N	P=0.526
COCH-ARM / FISHERS	P=0.556N	P=0.121N	P=0.309N	P=0.500N
MAX-ISO-POLY-3	P=0.407N	P=0.046N*	P=0.272N	P=0.495

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	42/50 (84%)	46/50 (92%)	46/50 (92%)	46/50 (92%)
POLY-3 RATE (b)	42/47.26	46/49.52	46/48.81	46/47.35
POLY-3 PERCENT (g)	88.9%	92.9%	94.3%	97.1%
TERMINAL (d)	32/34 (94%)	24/26 (92%)	7/7 (100%)	2/2 (100%)
FIRST INCIDENCE	608	551	334	411
STATISTICAL TESTS				
POLY 3	P=0.067	P=0.362	P=0.264	P=0.089
POLY 1.5	P=0.093	P=0.287	P=0.230	P=0.113
POLY 6	P=0.046*	P=0.441	P=0.295	P=0.069
COCH-ARM / FISHERS	P=0.169	P=0.178	P=0.178	P=0.178
MAX-ISO-POLY-3	P=0.062	P=0.239	P=0.155	P=0.035*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	14/50 (28%)	10/50 (20%)	5/50 (10%)	8/50 (16%)
POLY-3 RATE (b)	14/45.52	10/43.40	5/33.62	8/30.84
POLY-3 PERCENT (g)	30.8%	23%	14.9%	25.9%
TERMINAL (d)	12/34 (35%)	8/26 (31%)	1/7 (14%)	0/2 (0%)
FIRST INCIDENCE	608	579	594	594
STATISTICAL TESTS				
POLY 3	P=0.268N	P=0.280N	P=0.085N	P=0.423N
POLY 1.5	P=0.155N	P=0.257N	P=0.044N*	P=0.250N
POLY 6	P=0.506N	P=0.324N	P=0.200N	P=0.487
COCH-ARM / FISHERS	P=0.074N	P=0.241N	P=0.020N*	P=0.114N
MAX-ISO-POLY-3	P=0.301N	P=0.211N	P=0.075N	P=0.350N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Degeneration Cystic				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.77	1/42.73	0/32.19	0/27.98
POLY-3 PERCENT (g)	2.2%	2.3%	0%	0%
TERMINAL (d)	1/34 (3%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	645	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	6/50 (12%)	13/50 (26%)	21/50 (42%)	22/50 (44%)
POLY-3 RATE (b)	6/44.77	13/44.41	21/39.31	22/36.75
POLY-3 PERCENT (g)	13.4%	29.3%	53.4%	59.9%
TERMINAL (d)	6/34 (18%)	7/26 (27%)	3/7 (43%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	568	498	488
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.055	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.059	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.049*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.062	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.032*	P<0.001**	P<0.001**

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Fatty Change				
LESION RATES				
OVERALL (a)	10/50 (20%)	7/50 (14%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	10/46.91	7/44.75	5/34.20	5/30.28
POLY-3 PERCENT (g)	21.3%	15.6%	14.6%	16.5%
TERMINAL (d)	2/34 (6%)	1/26 (4%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	432	551	561	488
STATISTICAL TESTS				
POLY 3	P=0.318N	P=0.334N	P=0.320N	P=0.414N
POLY 1.5	P=0.197N	P=0.315N	P=0.221N	P=0.261N
POLY 6	P=0.545	P=0.366N	P=0.492N	P=0.550
COCH-ARM / FISHERS	P=0.098N	P=0.298N	P=0.131N	P=0.131N
MAX-ISO-POLY-3	P=0.477N	P=0.248N	P=0.256N	P=0.336N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Fatty Change Focal				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.10	2/42.90	0/32.19	0/27.98
POLY-3 PERCENT (g)	2.2%	4.7%	0%	0%
TERMINAL (d)	0/34 (0%)	1/26 (4%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	635	588	---	---
STATISTICAL TESTS				
POLY 3	P=0.279N	P=0.483	P=0.566N	P=0.590N
POLY 1.5	P=0.230N	P=0.492	P=0.535N	P=0.549N
POLY 6	P=0.428N	P=0.466	P=0.611N	P=0.651N
COCH-ARM / FISHERS	P=0.188N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.349N	P=0.271	P=0.238N	P=0.268N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	3/50 (6%)	7/50 (14%)	14/50 (28%)	9/50 (18%)
POLY-3 RATE (b)	3/44.77	7/44.43	14/38.02	9/32.51
POLY-3 PERCENT (g)	6.7%	15.8%	36.8%	27.7%
TERMINAL (d)	3/34 (9%)	1/26 (4%)	2/7 (29%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	558	386	414
STATISTICAL TESTS				
POLY 3	P=0.003**	P=0.153	P<0.001**	P=0.013*
POLY 1.5	P=0.013*	P=0.158	P<0.001**	P=0.028*
POLY 6	P<0.001**	P=0.145	P<0.001**	P=0.003**
COCH-ARM / FISHERS	P=0.057	P=0.159	P=0.003**	P=0.061
MAX-ISO-POLY-3	P=0.005**	P=0.088	P<0.001**	P=0.013*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Hepatodiaphragmatic Nodule				
LESION RATES				
OVERALL (a)	5/50 (10%)	9/50 (18%)	12/50 (24%)	15/50 (30%)
POLY-3 RATE (b)	5/45.44	9/44.17	12/37.86	15/33.63
POLY-3 PERCENT (g)	11%	20.4%	31.7%	44.6%
TERMINAL (d)	2/34 (6%)	4/26 (15%)	1/7 (14%)	1/2 (50%)
FIRST INCIDENCE	635	558	386	509
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.175	P=0.017*	P<0.001**
POLY 1.5	P<0.001**	P=0.187	P=0.030*	P=0.002**
POLY 6	P<0.001**	P=0.156	P=0.006**	P<0.001**
COCH-ARM / FISHERS	P=0.008**	P=0.194	P=0.054	P=0.011*
MAX-ISO-POLY-3	P<0.001**	P=0.113	P=0.014*	P<0.001**

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	36/50 (72%)	33/50 (66%)	40/50 (80%)	35/50 (70%)
POLY-3 RATE (b)	36/48.70	33/47.80	40/46.64	35/42.97
POLY-3 PERCENT (g)	73.9%	69%	85.8%	81.5%
TERMINAL (d)	26/34 (77%)	18/26 (69%)	6/7 (86%)	1/2 (50%)
FIRST INCIDENCE	330	551	334	247
STATISTICAL TESTS				
POLY 3	P=0.099	P=0.377N	P=0.105	P=0.256
POLY 1.5	P=0.235	P=0.356N	P=0.153	P=0.437
POLY 6	P=0.021*	P=0.410N	P=0.061	P=0.089
COCH-ARM / FISHERS	P=0.500	P=0.333N	P=0.241	P=0.500N
MAX-ISO-POLY-3	P=0.128	P=0.295N	P=0.068	P=0.191

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/44.77	3/43.09	2/33.07	3/28.98
POLY-3 PERCENT (g)	4.5%	7%	6.1%	10.4%
TERMINAL (d)	2/34 (6%)	1/26 (4%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	551	574	620
STATISTICAL TESTS				
POLY 3	P=0.245	P=0.483	P=0.580	P=0.314
POLY 1.5	P=0.337	P=0.493	P=0.634	P=0.398
POLY 6	P=0.144	P=0.464	P=0.492	P=0.204
COCH-ARM / FISHERS	P=0.456	P=0.500	P=0.691N	P=0.500
MAX-ISO-POLY-3	P=0.348	P=0.311	P=0.393	P=0.215

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver				
Necrosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/44.89	1/42.73	1/32.72	2/28.62
POLY-3 PERCENT (g)	4.5%	2.3%	3.1%	7%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	709	645	564	636
STATISTICAL TESTS				
POLY 3	P=0.406	P=0.517N	P=0.607N	P=0.523
POLY 1.5	P=0.474	P=0.508N	P=0.558N	P=0.606
POLY 6	P=0.336	P=0.533N	P=0.679N	P=0.393
COCH-ARM / FISHERS	P=0.556	P=0.500N	P=0.500N	P=0.691N
MAX-ISO-POLY-3	P=0.433	P=0.299N	P=0.392N	P=0.354

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<hr/>				
Liver Pigmentation Hemosiderin				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver Tension Lipidosis				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.84	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	709	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver: Bile Duct Hyperplasia				
LESION RATES				
OVERALL (a)	28/50 (56%)	27/50 (54%)	28/50 (56%)	22/50 (44%)
POLY-3 RATE (b)	28/47.35	27/45.03	28/40.52	22/37.10
POLY-3 PERCENT (g)	59.1%	60%	69.1%	59.3%
TERMINAL (d)	18/34 (53%)	17/26 (65%)	3/7 (43%)	1/2 (50%)
FIRST INCIDENCE	551	594	561	414
STATISTICAL TESTS				
POLY 3	P=0.449	P=0.553	P=0.219	P=0.585
POLY 1.5	P=0.360N	P=0.554N	P=0.365	P=0.364N
POLY 6	P=0.113	P=0.451	P=0.091	P=0.242
COCH-ARM / FISHERS	P=0.130N	P=0.500N	P=0.580N	P=0.159N
MAX-ISO-POLY-3	P=0.511	P=0.467	P=0.175	P=0.493

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver: Hepatocyte Degeneration				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Liver: Oval Cell Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	4.5%	0%	0%	0%
TERMINAL (d)	2/34 (6%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.109N	P=0.249N	P=0.317N	P=0.354N
POLY 1.5	P=0.111N	P=0.243N	P=0.278N	P=0.295N
POLY 6	P=0.126N	P=0.261N	P=0.384N	P=0.454N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.163N	P=0.087N	P=0.151N	P=0.185N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lung				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	20/50 (40%)	26/50 (52%)	26/50 (52%)	28/50 (56%)
POLY-3 RATE (b)	20/45.97	26/46.84	26/41.38	28/39.50
POLY-3 PERCENT (g)	43.5%	55.5%	62.8%	70.9%
TERMINAL (d)	15/34 (44%)	14/26 (54%)	4/7 (57%)	2/2 (100%)
FIRST INCIDENCE	635	558	429	414
STATISTICAL TESTS				
POLY 3	P=0.004**	P=0.167	P=0.048*	P=0.006**
POLY 1.5	P=0.020*	P=0.168	P=0.087	P=0.023*
POLY 6	P<0.001**	P=0.158	P=0.016*	P<0.001**
COCH-ARM / FISHERS	P=0.090	P=0.158	P=0.158	P=0.080
MAX-ISO-POLY-3	P=0.007**	P=0.122	P=0.036*	P=0.005**

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	11/50 (22%)	4/50 (8%)	8/50 (16%)	8/50 (16%)
POLY-3 RATE (b)	11/45.50	4/42.82	8/34.07	8/31.11
POLY-3 PERCENT (g)	24.2%	9.3%	23.5%	25.7%
TERMINAL (d)	8/34 (24%)	2/26 (8%)	3/7 (43%)	0/2 (0%)
FIRST INCIDENCE	608	645	564	488
STATISTICAL TESTS				
POLY 3	P=0.358	P=0.055N	P=0.576N	P=0.545
POLY 1.5	P=0.500	P=0.049N*	P=0.446N	P=0.492N
POLY 6	P=0.183	P=0.068N	P=0.433	P=0.290
COCH-ARM / FISHERS	P=0.434N	P=0.045N*	P=0.306N	P=0.306N
MAX-ISO-POLY-3	P=0.348	P=0.034N*	P=0.474N	P=0.448

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lung: Alveolar Epithelium Hypertrophy				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/34 (3%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lung: Alveolus Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	38/50 (76%)	46/50 (92%)	43/50 (86%)	43/50 (86%)
POLY-3 RATE (b)	38/47.28	46/49.44	43/46.76	43/46.73
POLY-3 PERCENT (g)	80.4%	93.1%	92%	92%
TERMINAL (d)	28/34 (82%)	24/26 (92%)	7/7 (100%)	2/2 (100%)
FIRST INCIDENCE	608	551	334	414
STATISTICAL TESTS				
POLY 3	P=0.077	P=0.052	P=0.073	P=0.075
POLY 1.5	P=0.124	P=0.041*	P=0.109	P=0.098
POLY 6	P=0.035*	P=0.063	P=0.034*	P=0.050*
COCH-ARM / FISHERS	P=0.231	P=0.027*	P=0.154	P=0.154
MAX-ISO-POLY-3	P=0.030*	P=0.029*	P=0.038*	P=0.039*

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lymph Node, Mandibular Ectasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lymph Node, Mesenteric Atrophy				
LESION RATES				
OVERALL (a)	4/50 (8%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	4/45.10	0/42.43	2/32.39	0/27.98
POLY-3 PERCENT (g)	8.9%	0%	6.2%	0%
TERMINAL (d)	3/34 (9%)	0/26 (0%)	1/7 (14%)	0/2 (0%)
FIRST INCIDENCE	635	---	673	---
STATISTICAL TESTS				
POLY 3	P=0.103N	P=0.068N	P=0.497N	P=0.149N
POLY 1.5	P=0.081N	P=0.064N	P=0.421N	P=0.099N
POLY 6	P=0.160N	P=0.076N	P=0.615N	P=0.263N
COCH-ARM / FISHERS	P=0.062N	P=0.059N	P=0.339N	P=0.059N
MAX-ISO-POLY-3	P=0.109N	P=0.026N*	P=0.355N	P=0.099N

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lymph Node, Mesenteric Hemorrhage				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L

Lymph Node: Renal
Infiltration Cellular Plasma Cell

LESION RATES

OVERALL (a)	0/4 (0%)	0/4 (0%)	0/2 (0%)	0/2 (0%)
POLY-3 RATE (b)	0/3.08	0/3.70	0/1.69	0/1.65
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/3 (0%)	0/0 (0%)	0/1 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Mammary Gland Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	4/50 (8%)	2/50 (4%)	10/50 (20%)
POLY-3 RATE (b)	0/44.77	4/43.02	2/32.90	10/31.53
POLY-3 PERCENT (g)	0%	9.3%	6.1%	31.7%
TERMINAL (d)	0/34 (0%)	1/26 (4%)	0/7 (0%)	1/2 (50%)
FIRST INCIDENCE	---	601	574	561
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.055	P=0.176	P<0.001**
POLY 1.5	P<0.001**	P=0.058	P=0.203	P<0.001**
POLY 6	P<0.001**	P=0.050*	P=0.142	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.059	P=0.247	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.019*	P=0.074	P<0.001**

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Mammary Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	3/3 (100%)	4/4 (100%)	3/3 (100%)	2/2 (100%)
POLY-3 RATE (b)	3/3.00	4/4.00	3/3.00	2/2.00
POLY-3 PERCENT (g)	100%	100%	100%	100%
TERMINAL (d)	2/2 (100%)	3/3 (100%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	432	693	623	643
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/45.42	1/42.43	2/33.30	1/27.98
POLY-3 PERCENT (g)	4.4%	2.4%	6%	3.6%
TERMINAL (d)	0/34 (0%)	1/26 (4%)	0/7 (0%)	1/2 (50%)
FIRST INCIDENCE	635	727 (T)	533	727 (T)
STATISTICAL TESTS				
POLY 3	P=0.571	P=0.524N	P=0.577	P=0.658N
POLY 1.5	P=0.530N	P=0.511N	P=0.633	P=0.586N
POLY 6	P=0.457	P=0.545N	P=0.486	P=0.654
COCH-ARM / FISHERS	P=0.444N	P=0.500N	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.628	P=0.306N	P=0.391	P=0.444N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Nose Inflammation				
LESION RATES				
OVERALL (a)	5/50 (10%)	5/50 (10%)	9/50 (18%)	5/50 (10%)
POLY-3 RATE (b)	5/45.62	5/42.85	9/35.87	5/29.86
POLY-3 PERCENT (g)	11%	11.7%	25.1%	16.8%
TERMINAL (d)	2/34 (6%)	4/26 (15%)	1/7 (14%)	1/2 (50%)
FIRST INCIDENCE	635	607	334	529
STATISTICAL TESTS				
POLY 3	P=0.157	P=0.591	P=0.083	P=0.358
POLY 1.5	P=0.294	P=0.612	P=0.127	P=0.485
POLY 6	P=0.044*	P=0.553	P=0.039*	P=0.193
COCH-ARM / FISHERS	P=0.500	P=0.630N	P=0.194	P=0.630N
MAX-ISO-POLY-3	P=0.252	P=0.458	P=0.065	P=0.278

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L

Nose: Respiratory Epithelium
Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	1/32.54	0/27.98
POLY-3 PERCENT (g)	0%	0%	3.1%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	628	---

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Ovary Atrophy				
LESION RATES				
OVERALL (a)	9/50 (18%)	9/50 (18%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	9/46.31	9/43.17	6/34.08	3/29.14
POLY-3 PERCENT (g)	19.4%	20.9%	17.6%	10.3%
TERMINAL (d)	4/34 (12%)	4/26 (15%)	2/7 (29%)	0/2 (0%)
FIRST INCIDENCE	551	588	449	551
STATISTICAL TESTS				
POLY 3	P=0.193N	P=0.539	P=0.532N	P=0.241N
POLY 1.5	P=0.090N	P=0.572	P=0.413N	P=0.134N
POLY 6	P=0.482N	P=0.483	P=0.506	P=0.471N
COCH-ARM / FISHERS	P=0.032N*	P=0.602N	P=0.288N	P=0.061N
MAX-ISO-POLY-3	P=0.311N	P=0.434	P=0.427N	P=0.199N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Ovary Cyst				
LESION RATES				
OVERALL (a)	10/50 (20%)	12/50 (24%)	10/50 (20%)	6/50 (12%)
POLY-3 RATE (b)	10/44.99	12/43.25	10/34.82	6/30.37
POLY-3 PERCENT (g)	22.2%	27.8%	28.7%	19.8%
TERMINAL (d)	8/34 (24%)	7/26 (27%)	2/7 (29%)	0/2 (0%)
FIRST INCIDENCE	690	645	494	544
STATISTICAL TESTS				
POLY 3	P=0.482N	P=0.362	P=0.344	P=0.512N
POLY 1.5	P=0.284N	P=0.386	P=0.460	P=0.355N
POLY 6	P=0.270	P=0.323	P=0.192	P=0.461
COCH-ARM / FISHERS	P=0.123N	P=0.405	P=0.598N	P=0.207N
MAX-ISO-POLY-3	P=0.487N	P=0.278	P=0.278	P=0.413N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Pancreas Atrophy				
LESION RATES				
OVERALL (a)	9/50 (18%)	13/50 (26%)	11/50 (22%)	14/50 (28%)
POLY-3 RATE (b)	9/45.33	13/43.58	11/36.42	14/33.22
POLY-3 PERCENT (g)	19.9%	29.8%	30.2%	42.1%
TERMINAL (d)	6/34 (18%)	8/26 (31%)	1/7 (14%)	2/2 (100%)
FIRST INCIDENCE	645	551	533	519
STATISTICAL TESTS				
POLY 3	P=0.024*	P=0.198	P=0.205	P=0.027*
POLY 1.5	P=0.071	P=0.218	P=0.288	P=0.070
POLY 6	P=0.003**	P=0.166	P=0.109	P=0.004**
COCH-ARM / FISHERS	P=0.191	P=0.235	P=0.402	P=0.171
MAX-ISO-POLY-3	P=0.036*	P=0.141	P=0.163	P=0.028*

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Pancreas: Acinus Hyperplasia				
LESION RATES				
OVERALL (a)	6/50 (12%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	6/45.18	1/42.85	0/32.19	0/27.98
POLY-3 PERCENT (g)	13.3%	2.3%	0%	0%
TERMINAL (d)	4/34 (12%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	635	607	---	---
STATISTICAL TESTS				
POLY 3	P=0.005N**	P=0.064N	P=0.044N*	P=0.065N
POLY 1.5	P=0.004N**	P=0.060N	P=0.027N*	P=0.034N*
POLY 6	P=0.010N**	P=0.073N	P=0.089N	P=0.160N
COCH-ARM / FISHERS	P=0.004N**	P=0.056N	P=0.013N*	P=0.013N*
MAX-ISO-POLY-3	P=0.008N**	P=0.031N*	P=0.032N*	P=0.053N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Parathyroid Gland Hyperplasia				
LESION RATES				
OVERALL (a)	0/47 (0%)	0/46 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/42.68	0/39.27	0/31.45	0/27.46
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/32 (0%)	0/25 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Pituitary Gland Atrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/31.52	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
Time Report Requested: 08:02:51
First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	15/50 (30%)	18/50 (36%)	22/49 (45%)	17/50 (34%)
POLY-3 RATE (b)	15/45.40	18/45.53	22/41.16	17/34.59
POLY-3 PERCENT (g)	33%	39.5%	53.5%	49.1%
TERMINAL (d)	12/34 (35%)	8/26 (31%)	2/7 (29%)	1/2 (50%)
FIRST INCIDENCE	641	558	334	494
STATISTICAL TESTS				
POLY 3	P=0.048*	P=0.334	P=0.039*	P=0.105
POLY 1.5	P=0.146	P=0.341	P=0.061	P=0.220
POLY 6	P=0.005**	P=0.318	P=0.017*	P=0.024*
COCH-ARM / FISHERS	P=0.379	P=0.335	P=0.093	P=0.415
MAX-ISO-POLY-3	P=0.075	P=0.259	P=0.028*	P=0.093

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Skin				
Cyst Epithelial Inclusion				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.10	1/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	2.2%	2.4%	0%	0%
TERMINAL (d)	0/34 (0%)	1/26 (4%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	635	727 (T)	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Skin Inflammation				
LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	3/44.77	0/42.43	0/32.19	2/28.25
POLY-3 PERCENT (g)	6.7%	0%	0%	7.1%
TERMINAL (d)	3/34 (9%)	0/26 (0%)	0/7 (0%)	1/2 (50%)
FIRST INCIDENCE	727 (T)	---	---	656
STATISTICAL TESTS				
POLY 3	P=0.550N	P=0.128N	P=0.189N	P=0.652
POLY 1.5	P=0.545N	P=0.123N	P=0.153N	P=0.607N
POLY 6	P=0.564N	P=0.138N	P=0.258N	P=0.498
COCH-ARM / FISHERS	P=0.531N	P=0.121N	P=0.121N	P=0.500N
MAX-ISO-POLY-3	P=0.309N	P=0.046N*	P=0.101N	P=0.479

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

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Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Skin				
Ulcer				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	4.5%	0%	0%	0%
TERMINAL (d)	2/34 (6%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.109N	P=0.249N	P=0.317N	P=0.354N
POLY 1.5	P=0.111N	P=0.243N	P=0.278N	P=0.295N
POLY 6	P=0.126N	P=0.261N	P=0.384N	P=0.454N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.163N	P=0.087N	P=0.151N	P=0.185N

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Skin: Epidermis Hyperkeratosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	1/28.25
POLY-3 PERCENT (g)	0%	0%	0%	3.5%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	656
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

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First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Skin: Epidermis Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/44.77	0/42.43	0/32.19	1/28.56
POLY-3 PERCENT (g)	4.5%	0%	0%	3.5%
TERMINAL (d)	2/34 (6%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	---	---	544
STATISTICAL TESTS				
POLY 3	P=0.465N	P=0.249N	P=0.317N	P=0.648N
POLY 1.5	P=0.465N	P=0.243N	P=0.278N	P=0.580N
POLY 6	P=0.482N	P=0.261N	P=0.384N	P=0.673
COCH-ARM / FISHERS	P=0.461N	P=0.247N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.331N	P=0.087N	P=0.151N	P=0.434N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	6/50 (12%)	13/50 (26%)	29/50 (58%)	31/50 (62%)
POLY-3 RATE (b)	6/46.00	13/47.02	29/43.25	31/41.69
POLY-3 PERCENT (g)	13%	27.7%	67.1%	74.4%
TERMINAL (d)	3/34 (9%)	1/26 (4%)	4/7 (57%)	1/2 (50%)
FIRST INCIDENCE	432	558	386	414
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.066	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.065	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.067	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.062	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.040*	P<0.001**	P<0.001**

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Spleen Infarct				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Spleen				
Pigmentation Hemosiderin				
LESION RATES				
OVERALL (a)	39/50 (78%)	43/50 (86%)	41/50 (82%)	39/50 (78%)
POLY-3 RATE (b)	39/49.08	43/48.09	41/46.77	39/45.96
POLY-3 PERCENT (g)	79.5%	89.4%	87.7%	84.9%
TERMINAL (d)	26/34 (77%)	24/26 (92%)	7/7 (100%)	1/2 (50%)
FIRST INCIDENCE	330	551	334	247
STATISTICAL TESTS				
POLY 3	P=0.349	P=0.131	P=0.197	P=0.328
POLY 1.5	P=0.505	P=0.166	P=0.275	P=0.455
POLY 6	P=0.142	P=0.091	P=0.115	P=0.161
COCH-ARM / FISHERS	P=0.427N	P=0.218	P=0.402	P=0.595N
MAX-ISO-POLY-3	P=0.201	P=0.080	P=0.132	P=0.240

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Spleen				
Stromal Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

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 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Spleen Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	2/28.82
POLY-3 PERCENT (g)	0%	0%	0%	6.9%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	594
STATISTICAL TESTS				
POLY 3	P=0.032*	(e)	(e)	P=0.156
POLY 1.5	P=0.037*	(e)	(e)	P=0.190
POLY 6	P=0.035*	(e)	(e)	P=0.115
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.032*	(e)	(e)	P=0.074

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

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First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Spleen: Lymphoid Follicle Atrophy				
LESION RATES				
OVERALL (a)	5/50 (10%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	5/46.67	1/42.50	1/33.09	3/30.03
POLY-3 PERCENT (g)	10.7%	2.4%	3%	10%
TERMINAL (d)	1/34 (3%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	330	709	334	247
STATISTICAL TESTS				
POLY 3	P=0.477N	P=0.124N	P=0.203N	P=0.606N
POLY 1.5	P=0.426N	P=0.114N	P=0.151N	P=0.488N
POLY 6	P=0.562N	P=0.140N	P=0.304N	P=0.493
COCH-ARM / FISHERS	P=0.371N	P=0.102N	P=0.102N	P=0.357N
MAX-ISO-POLY-3	P=0.326N	P=0.065N	P=0.139N	P=0.467N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Stomach, Forestomach Inflammation				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.39	1/42.99	1/32.47	0/27.98
POLY-3 PERCENT (g)	4.4%	2.3%	3.1%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	551	551	650	---
STATISTICAL TESTS				
POLY 3	P=0.235N	P=0.519N	P=0.613N	P=0.357N
POLY 1.5	P=0.194N	P=0.509N	P=0.562N	P=0.297N
POLY 6	P=0.346N	P=0.536N	P=0.686N	P=0.459N
COCH-ARM / FISHERS	P=0.153N	P=0.500N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.305N	P=0.301N	P=0.398N	P=0.189N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Stomach, Forestomach Ulcer				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.82	1/42.99	1/32.47	0/27.98
POLY-3 PERCENT (g)	2.2%	2.3%	3.1%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	714	551	650	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Stomach, Forestomach: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	2/45.39	1/42.99	4/33.78	0/27.98
POLY-3 PERCENT (g)	4.4%	2.3%	11.8%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	1/7 (14%)	0/2 (0%)
FIRST INCIDENCE	551	551	449	---
STATISTICAL TESTS				
POLY 3	P=0.513N	P=0.519N	P=0.214	P=0.357N
POLY 1.5	P=0.400N	P=0.509N	P=0.268	P=0.297N
POLY 6	P=0.458	P=0.536N	P=0.146	P=0.459N
COCH-ARM / FISHERS	P=0.279N	P=0.500N	P=0.339	P=0.247N
MAX-ISO-POLY-3	P=0.304N	P=0.301N	P=0.142	P=0.189N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Stomach, Glandular Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Stomach, Glandular Ulcer				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Thymus Atrophy				
LESION RATES				
OVERALL (a)	45/48 (94%)	48/49 (98%)	44/47 (94%)	45/48 (94%)
POLY-3 RATE (b)	45/47.49	48/48.83	44/45.39	45/46.62
POLY-3 PERCENT (g)	94.8%	98.3%	96.9%	96.5%
TERMINAL (d)	33/34 (97%)	26/26 (100%)	7/7 (100%)	2/2 (100%)
FIRST INCIDENCE	330	551	334	247
STATISTICAL TESTS				
POLY 3	P=0.513	P=0.335	P=0.497	P=0.538
POLY 1.5	P=0.601N	P=0.316	P=0.557	P=0.597
POLY 6	P=0.379	P=0.371	P=0.489	P=0.453
COCH-ARM / FISHERS	P=0.452N	P=0.301	P=0.651N	P=0.661N
MAX-ISO-POLY-3	P=0.358	P=0.153	P=0.286	P=0.316

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Thyroid Gland: C-Cell Hyperplasia				
LESION RATES				
OVERALL (a)	33/50 (66%)	31/50 (62%)	26/50 (52%)	26/50 (52%)
POLY-3 RATE (b)	33/46.52	31/45.03	26/40.98	26/38.21
POLY-3 PERCENT (g)	70.9%	68.8%	63.4%	68.1%
TERMINAL (d)	25/34 (74%)	19/26 (73%)	4/7 (57%)	1/2 (50%)
FIRST INCIDENCE	635	579	494	494
STATISTICAL TESTS				
POLY 3	P=0.382N	P=0.504N	P=0.292N	P=0.479N
POLY 1.5	P=0.200N	P=0.450N	P=0.192N	P=0.268N
POLY 6	P=0.372	P=0.599	P=0.485N	P=0.392
COCH-ARM / FISHERS	P=0.073N	P=0.418N	P=0.111N	P=0.111N
MAX-ISO-POLY-3	P=0.490N	P=0.409N	P=0.229N	P=0.387N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Thyroid Gland: Follicle Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Thyroid Gland: Follicular Cell Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/44.82	2/42.43	0/32.19	1/28.33
POLY-3 PERCENT (g)	2.2%	4.7%	0%	3.5%
TERMINAL (d)	0/34 (0%)	2/26 (8%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	714	727 (T)	---	631
STATISTICAL TESTS				
POLY 3	P=0.607	P=0.481	P=0.564N	P=0.649
POLY 1.5	P=0.555N	P=0.491	P=0.535N	P=0.705
POLY 6	P=0.502	P=0.463	P=0.609N	P=0.552
COCH-ARM / FISHERS	P=0.500N	P=0.500	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.566N	P=0.270	P=0.236N	P=0.395

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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First Dose M/F: 10/26/06 / 10/27/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Tongue: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/34 (3%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	727 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Urinary Bladder Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.77	0/42.43	0/32.19	0/27.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Uterus: Cervix Inflammation				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/44.92	3/42.85	0/32.19	1/28.32
POLY-3 PERCENT (g)	4.5%	7%	0%	3.5%
TERMINAL (d)	1/34 (3%)	2/26 (8%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	689	607	---	635
STATISTICAL TESTS				
POLY 3	P=0.370N	P=0.478	P=0.318N	P=0.651N
POLY 1.5	P=0.303N	P=0.491	P=0.278N	P=0.582N
POLY 6	P=0.523N	P=0.458	P=0.386N	P=0.667
COCH-ARM / FISHERS	P=0.242N	P=0.500	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.403N	P=0.308	P=0.152N	P=0.437N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Uterus: Cervix Metaplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/44.92	1/42.85	0/32.19	1/28.32
POLY-3 PERCENT (g)	4.5%	2.3%	0%	3.5%
TERMINAL (d)	1/34 (3%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	689	607	---	635
STATISTICAL TESTS				
POLY 3	P=0.426N	P=0.516N	P=0.318N	P=0.651N
POLY 1.5	P=0.398N	P=0.507N	P=0.278N	P=0.582N
POLY 6	P=0.499N	P=0.532N	P=0.386N	P=0.667
COCH-ARM / FISHERS	P=0.366N	P=0.500N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.458N	P=0.298N	P=0.152N	P=0.437N

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Uterus: Endometrium Hyperplasia Cystic				
LESION RATES				
OVERALL (a)	10/50 (20%)	9/50 (18%)	12/50 (24%)	9/50 (18%)
POLY-3 RATE (b)	10/45.89	9/43.60	12/36.78	9/31.55
POLY-3 PERCENT (g)	21.8%	20.6%	32.6%	28.5%
TERMINAL (d)	8/34 (24%)	6/26 (23%)	0/7 (0%)	0/2 (0%)
FIRST INCIDENCE	432	558	533	544
STATISTICAL TESTS				
POLY 3	P=0.193	P=0.550N	P=0.195	P=0.344
POLY 1.5	P=0.357	P=0.524N	P=0.279	P=0.506
POLY 6	P=0.056	P=0.590N	P=0.104	P=0.153
COCH-ARM / FISHERS	P=0.500N	P=0.500N	P=0.405	P=0.500N
MAX-ISO-POLY-3	P=0.312	P=0.447N	P=0.157	P=0.285

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
- (b) 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.
- (n) No statistics are calculated if all dose groups have fewer than two tumors.
- (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 Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***