

**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

<b>NTP Study Number:</b>	C96014B		
<b>Lock Date:</b>	11/17/2009		
<b>Cage Range:</b>	ALL		
<b>Date Range:</b>	ALL		
<b>Reasons For Removal:</b>	25021 TSAC	25020 NATD	25019 MSAC
<b>Removal Date Range:</b>	ALL		
<b>Treatment Groups:</b>	Include ALL		
<b>Study Gender:</b>	Both		
<b>TDMSE Version:</b>	3.0.1.1_001		
<b>PWG Approval Date:</b>	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 ( $P \leq .05$ ) 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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(BROMODICHLOROACETIC ACID)**

Pancreas  
Pancreas: Acinus  
Pituitary Gland: Pars Distalis  
Skin  
Spleen

Atrophy  
Hyperplasia  
Hyperplasia  
Inflammation  
Hematopoietic Cell Proliferation  
Thrombosis

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

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Adrenal Cortex</b>				
<b>Degeneration Cystic</b>				
<hr/>				
<b>LESION RATES</b>				
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/>				
<b>STATISTICAL TESTS</b>				
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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 Route: DOSED WATER  
 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
<b>Adrenal Cortex Hyperplasia</b>				
<b>LESION RATES</b>				
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)	---
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Adrenal Cortex Hypertrophy</b>				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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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TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Adrenal Cortex Necrosis</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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 TERMINAL SACRIFICE AT 104 WEEKS**

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

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

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

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Adrenal Cortex: Zona Fasciculata  
Hyperplasia

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**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	---	---	---	---

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**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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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Adrenal Medulla Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Blood Vessel Inflammation</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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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 TERMINAL SACRIFICE AT 104 WEEKS**

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

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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
<b>Bone Marrow Hemorrhage</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Bone Marrow Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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*

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
<b>Bone Marrow</b>				
<b>Myelofibrosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Bone Marrow Thrombosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Bone</b>				
<b>Osteopetrosis</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	3/50 (6%)	1/50 (2%)	0/50 (0%)	4/50 (8%)
<b>POLY-3 RATE (b)</b>	3/39.24	1/39.57	0/41.79	4/38.61
<b>POLY-3 PERCENT (g)</b>	7.7%	2.5%	0%	10.4%
<b>TERMINAL (d)</b>	1/19 (5%)	0/21 (0%)	0/25 (0%)	2/19 (11%)
<b>FIRST INCIDENCE</b>	617	694	---	678
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.311	P=0.301N	P=0.107N	P=0.491
<b>POLY 1.5</b>	P=0.313	P=0.307N	P=0.113N	P=0.494
<b>POLY 6</b>	P=0.310	P=0.289N	P=0.098N	P=0.492
<b>COCH-ARM / FISHERS</b>	P=0.313	P=0.309N	P=0.121N	P=0.500
<b>MAX-ISO-POLY-3</b>	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
<b>Brain Hemorrhage</b>				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Epididymis</b>				
<b>Atrophy</b>				
<hr/>				
<b>LESION RATES</b>				
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/>				
<b>STATISTICAL TESTS</b>				
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

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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
<b>Eye: Lens</b>				
<b>Cataract</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Eye: Retina Degeneration</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Eye: Retina</b>				
<b>Gliososis</b>				
<hr/>				
<b>LESION RATES</b>				
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	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
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)

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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
<b>Heart</b>				
<b>Cardiomyopathy</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	47/50 (94%)	48/50 (96%)	48/50 (96%)	48/50 (96%)
<b>POLY-3 RATE (b)</b>	47/48.88	48/48.92	48/49.89	48/48.80
<b>POLY-3 PERCENT (g)</b>	96.2%	98.1%	96.2%	98.4%
<b>TERMINAL (d)</b>	19/19 (100%)	21/21 (100%)	24/25 (96%)	19/19 (100%)
<b>FIRST INCIDENCE</b>	383	117	442	436
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.409	P=0.513	P=0.714	P=0.478
<b>POLY 1.5</b>	P=0.403	P=0.462	P=0.614	P=0.462
<b>POLY 6</b>	P=0.463	P=0.679	P=0.625N	P=0.599
<b>COCH-ARM / FISHERS</b>	P=0.431	P=0.500	P=0.500	P=0.500
<b>MAX-ISO-POLY-3</b>	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
<b>Heart Mineralization</b>				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Heart: Atrium Thrombosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Intestine Large, Cecum Inflammation</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Intestine Large, Colon</b>				
<b>Parasite Metazoan</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	6/50 (12%)	8/50 (16%)	10/50 (20%)	8/50 (16%)
<b>POLY-3 RATE (b)</b>	6/39.30	8/40.95	10/43.06	8/38.90
<b>POLY-3 PERCENT (g)</b>	15.3%	19.5%	23.2%	20.6%
<b>TERMINAL (d)</b>	2/19 (11%)	4/21 (19%)	6/25 (24%)	6/19 (32%)
<b>FIRST INCIDENCE</b>	664	530	493	644
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.329	P=0.417	P=0.262	P=0.375
<b>POLY 1.5</b>	P=0.338	P=0.394	P=0.235	P=0.378
<b>POLY 6</b>	P=0.321	P=0.458	P=0.310	P=0.376
<b>COCH-ARM / FISHERS</b>	P=0.348	P=0.387	P=0.207	P=0.387
<b>MAX-ISO-POLY-3</b>	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
<b>Islets, Pancreatic Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Kidney</b>				
Accumulation, Hyaline Droplet				
<b>LESION RATES</b>				
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)	---
<b>STATISTICAL TESTS</b>				
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
<b>Kidney Mineralization</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Kidney Nephropathy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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

---

**Kidney: Pelvis**  
**Calculus Micro Observation Only**

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**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	---	---	---	---

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**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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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**

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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	---	---

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**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)

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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
<b>Kidney: Renal Tubule Dilatation</b>				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Angiectasis</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	0/50 (0%)	1/50 (2%)	3/50 (6%)	4/50 (8%)
<b>POLY-3 RATE (b)</b>	0/38.65	1/39.44	3/41.79	4/39.11
<b>POLY-3 PERCENT (g)</b>	0%	2.5%	7.2%	10.2%
<b>TERMINAL (d)</b>	0/19 (0%)	1/21 (5%)	3/25 (12%)	1/19 (5%)
<b>FIRST INCIDENCE</b>	---	726 (T)	726 (T)	610
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.025*	P=0.504	P=0.132	P=0.060
<b>POLY 1.5</b>	P=0.025*	P=0.500	P=0.126	P=0.060
<b>POLY 6</b>	P=0.026*	P=0.513	P=0.145	P=0.063
<b>COCH-ARM / FISHERS</b>	P=0.025*	P=0.500	P=0.121	P=0.059
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Clear Cell Focus</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	19/50 (38%)	20/50 (40%)	21/50 (42%)	16/50 (32%)
<b>POLY-3 RATE (b)</b>	19/40.13	20/40.32	21/42.21	16/38.83
<b>POLY-3 PERCENT (g)</b>	47.4%	49.6%	49.8%	41.2%
<b>TERMINAL (d)</b>	14/19 (74%)	17/21 (81%)	19/25 (76%)	14/19 (74%)
<b>FIRST INCIDENCE</b>	537	558	667	664
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.297N	P=0.509	P=0.501	P=0.367N
<b>POLY 1.5</b>	P=0.287N	P=0.486	P=0.459	P=0.357N
<b>POLY 6</b>	P=0.306N	P=0.562	P=0.582	P=0.375N
<b>COCH-ARM / FISHERS</b>	P=0.277N	P=0.500	P=0.419	P=0.338N
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Degeneration Cystic</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	12/50 (24%)	12/50 (24%)	11/50 (22%)	14/50 (28%)
<b>POLY-3 RATE (b)</b>	12/39.56	12/40.07	11/43.95	14/40.94
<b>POLY-3 PERCENT (g)</b>	30.3%	30%	25%	34.2%
<b>TERMINAL (d)</b>	9/19 (47%)	7/21 (33%)	4/25 (16%)	7/19 (37%)
<b>FIRST INCIDENCE</b>	580	674	493	548
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.401	P=0.583N	P=0.382N	P=0.446
<b>POLY 1.5</b>	P=0.382	P=0.590	P=0.438N	P=0.424
<b>POLY 6</b>	P=0.441	P=0.540N	P=0.295N	P=0.497
<b>COCH-ARM / FISHERS</b>	P=0.359	P=0.592N	P=0.500N	P=0.410
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Eosinophilic Focus</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	6/50 (12%)	10/50 (20%)	7/50 (14%)	14/50 (28%)
<b>POLY-3 RATE (b)</b>	6/39.12	10/40.82	7/42.48	14/39.87
<b>POLY-3 PERCENT (g)</b>	15.3%	24.5%	16.5%	35.1%
<b>TERMINAL (d)</b>	4/19 (21%)	7/21 (33%)	6/25 (24%)	9/19 (47%)
<b>FIRST INCIDENCE</b>	664	526	493	573
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.036*	P=0.226	P=0.564	P=0.034*
<b>POLY 1.5</b>	P=0.037*	P=0.210	P=0.534	P=0.035*
<b>POLY 6</b>	P=0.037*	P=0.259	P=0.611	P=0.035*
<b>COCH-ARM / FISHERS</b>	P=0.040*	P=0.207	P=0.500	P=0.039*
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Fatty Change</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	8/50 (16%)	7/50 (14%)	4/50 (8%)	1/50 (2%)
<b>POLY-3 RATE (b)</b>	8/41.77	7/41.70	4/43.55	1/38.60
<b>POLY-3 PERCENT (g)</b>	19.2%	16.8%	9.2%	2.6%
<b>TERMINAL (d)</b>	1/19 (5%)	0/21 (0%)	0/25 (0%)	0/19 (0%)
<b>FIRST INCIDENCE</b>	477	530	442	664
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.010N**	P=0.501N	P=0.154N	P=0.020N*
<b>POLY 1.5</b>	P=0.009N**	P=0.511N	P=0.165N	P=0.018N*
<b>POLY 6</b>	P=0.011N*	P=0.476N	P=0.137N	P=0.022N*
<b>COCH-ARM / FISHERS</b>	P=0.008N**	P=0.500N	P=0.178N	P=0.015N*
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Fatty Change Focal</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Hepatodiaphragmatic Nodule</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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**

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

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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
<b>Liver</b>				
<b>Mixed Cell Focus</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	3/50 (6%)	2/50 (4%)	6/50 (12%)	1/50 (2%)
<b>POLY-3 RATE (b)</b>	3/38.65	2/39.54	6/42.67	1/38.36
<b>POLY-3 PERCENT (g)</b>	7.8%	5.1%	14.1%	2.6%
<b>TERMINAL (d)</b>	3/19 (16%)	1/21 (5%)	4/25 (16%)	1/19 (5%)
<b>FIRST INCIDENCE</b>	726 (T)	702	587	726 (T)
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.350N	P=0.490N	P=0.291	P=0.307N
<b>POLY 1.5</b>	P=0.347N	P=0.500N	P=0.267	P=0.307N
<b>POLY 6</b>	P=0.353N	P=0.469N	P=0.334	P=0.302N
<b>COCH-ARM / FISHERS</b>	P=0.344N	P=0.500N	P=0.243	P=0.309N
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
Pigmentation Hemosiderin				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Tension Lipidosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver: Bile Duct Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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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
<b>Liver: Hepatocyte Degeneration</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver: Oval Cell Hyperplasia</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Lung</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	15/50 (30%)	11/50 (22%)	11/50 (22%)	19/50 (38%)
<b>POLY-3 RATE (b)</b>	15/40.57	11/41.27	11/43.54	19/42.06
<b>POLY-3 PERCENT (g)</b>	37%	26.7%	25.3%	45.2%
<b>TERMINAL (d)</b>	10/19 (53%)	6/21 (29%)	7/25 (28%)	6/19 (32%)
<b>FIRST INCIDENCE</b>	593	533	585	436
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.154	P=0.217N	P=0.173N	P=0.291
<b>POLY 1.5</b>	P=0.149	P=0.241N	P=0.206N	P=0.273
<b>POLY 6</b>	P=0.168	P=0.178N	P=0.127N	P=0.339
<b>COCH-ARM / FISHERS</b>	P=0.143	P=0.247N	P=0.247N	P=0.263
<b>MAX-ISO-POLY-3</b>	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
<b>Lung: Alveolar Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Lung: Alveolar Epithelium Hypertrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Lung: Alveolus Infiltration Cellular Histiocyte</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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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
<b>Lymph Node, Mandibular Ectasia</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Lymph Node, Mesenteric Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Lymph Node, Mesenteric Hemorrhage</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Lymph Node: Renal Infiltration Cellular Plasma Cell</b>				
<b>LESION RATES</b>				
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	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Mammary Gland Hyperplasia</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Mammary Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
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	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Mesentery: Fat Necrosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	12/50 (24%)	16/50 (32%)	10/50 (20%)	17/50 (34%)
<b>POLY-3 RATE (b)</b>	12/40.26	16/42.24	10/42.57	17/42.27
<b>POLY-3 PERCENT (g)</b>	29.8%	37.9%	23.5%	40.2%
<b>TERMINAL (d)</b>	7/19 (37%)	7/21 (33%)	6/25 (24%)	6/19 (32%)
<b>FIRST INCIDENCE</b>	544	526	605	481
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.264	P=0.290	P=0.342N	P=0.218
<b>POLY 1.5</b>	P=0.249	P=0.261	P=0.372N	P=0.200
<b>POLY 6</b>	P=0.297	P=0.350	P=0.293N	P=0.261
<b>COCH-ARM / FISHERS</b>	P=0.235	P=0.252	P=0.405N	P=0.189
<b>MAX-ISO-POLY-3</b>	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
<b>Nose Inflammation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Pancreas Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Pancreas: Acinus Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Parathyroid Gland Hyperplasia</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Pituitary Gland Atrophy</b>				
<b>LESION RATES</b>				
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	---	---	---
<b>STATISTICAL TESTS</b>				
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  
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
<b>Pituitary Gland: Pars Distalis Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Preputial Gland Hyperplasia</b>				
<b>LESION RATES</b>				
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)	---
<b>STATISTICAL TESTS</b>				
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  
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
<b>Preputial Gland Inflammation</b>				
<b>LESION RATES</b>				
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	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Prostate Inflammation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Prostate: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Seminal Vesicle Inflammation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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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**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
Cyst Epithelial Inclusion				
<hr/>				
<b>LESION RATES</b>				
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	---
<hr/>				
<b>STATISTICAL TESTS</b>				
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

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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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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
<b>Skin Inflammation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Skin: Epidermis Hyperkeratosis</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin: Epidermis Hyperplasia</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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

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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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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
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	32/50 (64%)	31/50 (62%)	31/49 (63%)	32/50 (64%)
<b>POLY-3 RATE (b)</b>	32/45.22	31/46.33	31/44.91	32/46.76
<b>POLY-3 PERCENT (g)</b>	70.8%	66.9%	69%	68.4%
<b>TERMINAL (d)</b>	13/19 (68%)	15/21 (71%)	21/25 (84%)	10/19 (53%)
<b>FIRST INCIDENCE</b>	477	117	442	389
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.491N	P=0.429N	P=0.521N	P=0.494N
<b>POLY 1.5</b>	P=0.520N	P=0.457N	P=0.534N	P=0.529N
<b>POLY 6</b>	P=0.454N	P=0.396N	P=0.508N	P=0.450N
<b>COCH-ARM / FISHERS</b>	P=0.514	P=0.500N	P=0.553N	P=0.582N
<b>MAX-ISO-POLY-3</b>	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
<b>Spleen Infarct</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Spleen Pigmentation Hemosiderin</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Spleen</b>				
<b>Stromal Hyperplasia</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	1/50 (2%)	0/50 (0%)	1/49 (2%)	2/50 (4%)
<b>POLY-3 RATE (b)</b>	1/38.65	0/39.44	1/41.12	2/38.71
<b>POLY-3 PERCENT (g)</b>	2.6%	0%	2.4%	5.2%
<b>TERMINAL (d)</b>	1/19 (5%)	0/21 (0%)	1/25 (4%)	1/19 (5%)
<b>FIRST INCIDENCE</b>	726 (T)	---	726 (T)	629
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.246	P=0.496N	P=0.747N	P=0.501
<b>POLY 1.5</b>	P=0.248	P=0.500N	P=0.756N	P=0.499
<b>POLY 6</b>	P=0.244	P=0.487N	P=0.732N	P=0.507
<b>COCH-ARM / FISHERS</b>	P=0.247	P=0.500N	P=0.747	P=0.500
<b>MAX-ISO-POLY-3</b>	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
<b>Spleen Thrombosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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

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Spleen: Lymphoid Follicle Atrophy

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**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	---

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**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)

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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
<b>Stomach, Forestomach Inflammation</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Forestomach: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Glandular Inflammation</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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

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
<b>Stomach, Glandular Ulcer</b>				
<b>LESION RATES</b>				
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	---	---	---
<b>STATISTICAL TESTS</b>				
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  
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**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Testes</b>				
<b>Atrophy</b>				
<hr/>				
<b>LESION RATES</b>				
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
<hr/>				
<b>STATISTICAL TESTS</b>				
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

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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**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Testes: Germinal Epithelium Degeneration</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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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**

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DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Testes: Interstitial Cell Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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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
<b>Thymus Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Thyroid Gland: C-Cell Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
 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
<b>Thyroid Gland: Follicle Cyst</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
 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
<b>Thyroid Gland: Follicular Cell Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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)  
 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
<b>Tongue: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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  
 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
<b>Urinary Bladder Inflammation</b>				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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

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
<b>Adrenal Cortex Degeneration Cystic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
 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
<b>Adrenal Cortex Hyperplasia</b>				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Cortex Hypertrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Cortex Necrosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Cortex</b>				
<b>Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	3/50 (6%)	6/50 (12%)	2/50 (4%)	0/50 (0%)
<b>POLY-3 RATE (b)</b>	3/45.87	6/42.85	2/32.19	0/27.98
<b>POLY-3 PERCENT (g)</b>	6.5%	14%	6.2%	0%
<b>TERMINAL (d)</b>	1/34 (3%)	5/26 (19%)	2/7 (29%)	0/2 (0%)
<b>FIRST INCIDENCE</b>	432	607	727 (T)	---
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.172N	P=0.209	P=0.654N	P=0.232N
<b>POLY 1.5</b>	P=0.090N	P=0.225	P=0.585N	P=0.172N
<b>POLY 6</b>	P=0.429N	P=0.184	P=0.586	P=0.348N
<b>COCH-ARM / FISHERS</b>	P=0.042N*	P=0.243	P=0.500N	P=0.121N
<b>MAX-ISO-POLY-3</b>	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
<b>Adrenal Cortex: Zona Fasciculata Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Medulla Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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

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

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Eye: Retina Degeneration</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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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**

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

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

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Kidney</b>				
Accumulation, Hyaline Droplet				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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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
<b>Kidney Mineralization</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Kidney Nephropathy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Kidney: Pelvis</b>				
<b>Calculus Micro Observation Only</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Kidney: Pelvis Dilatation</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Kidney: Renal Tubule Dilatation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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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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
<b>Liver</b>				
<b>Angiectasis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Clear Cell Focus</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	14/50 (28%)	10/50 (20%)	5/50 (10%)	8/50 (16%)
<b>POLY-3 RATE (b)</b>	14/45.52	10/43.40	5/33.62	8/30.84
<b>POLY-3 PERCENT (g)</b>	30.8%	23%	14.9%	25.9%
<b>TERMINAL (d)</b>	12/34 (35%)	8/26 (31%)	1/7 (14%)	0/2 (0%)
<b>FIRST INCIDENCE</b>	608	579	594	594
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.268N	P=0.280N	P=0.085N	P=0.423N
<b>POLY 1.5</b>	P=0.155N	P=0.257N	P=0.044N*	P=0.250N
<b>POLY 6</b>	P=0.506N	P=0.324N	P=0.200N	P=0.487
<b>COCH-ARM / FISHERS</b>	P=0.074N	P=0.241N	P=0.020N*	P=0.114N
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Degeneration Cystic</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
<b>POLY-3 RATE (b)</b>	1/44.77	1/42.73	0/32.19	0/27.98
<b>POLY-3 PERCENT (g)</b>	2.2%	2.3%	0%	0%
<b>TERMINAL (d)</b>	1/34 (3%)	0/26 (0%)	0/7 (0%)	0/2 (0%)
<b>FIRST INCIDENCE</b>	727 (T)	645	---	---
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	(n)	(n)	(n)	(n)
<b>POLY 1.5</b>	(n)	(n)	(n)	(n)
<b>POLY 6</b>	(n)	(n)	(n)	(n)
<b>COCH-ARM / FISHERS</b>	(n)	(n)	(n)	(n)
<b>MAX-ISO-POLY-3</b>	(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
<b>Liver</b>				
<b>Eosinophilic Focus</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Fatty Change</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	10/50 (20%)	7/50 (14%)	5/50 (10%)	5/50 (10%)
<b>POLY-3 RATE (b)</b>	10/46.91	7/44.75	5/34.20	5/30.28
<b>POLY-3 PERCENT (g)</b>	21.3%	15.6%	14.6%	16.5%
<b>TERMINAL (d)</b>	2/34 (6%)	1/26 (4%)	0/7 (0%)	0/2 (0%)
<b>FIRST INCIDENCE</b>	432	551	561	488
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.318N	P=0.334N	P=0.320N	P=0.414N
<b>POLY 1.5</b>	P=0.197N	P=0.315N	P=0.221N	P=0.261N
<b>POLY 6</b>	P=0.545	P=0.366N	P=0.492N	P=0.550
<b>COCH-ARM / FISHERS</b>	P=0.098N	P=0.298N	P=0.131N	P=0.131N
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Fatty Change Focal</b>				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Hepatodiaphragmatic Nodule</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	5/50 (10%)	9/50 (18%)	12/50 (24%)	15/50 (30%)
<b>POLY-3 RATE (b)</b>	5/45.44	9/44.17	12/37.86	15/33.63
<b>POLY-3 PERCENT (g)</b>	11%	20.4%	31.7%	44.6%
<b>TERMINAL (d)</b>	2/34 (6%)	4/26 (15%)	1/7 (14%)	1/2 (50%)
<b>FIRST INCIDENCE</b>	635	558	386	509
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P<0.001**	P=0.175	P=0.017*	P<0.001**
<b>POLY 1.5</b>	P<0.001**	P=0.187	P=0.030*	P=0.002**
<b>POLY 6</b>	P<0.001**	P=0.156	P=0.006**	P<0.001**
<b>COCH-ARM / FISHERS</b>	P=0.008**	P=0.194	P=0.054	P=0.011*
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	36/50 (72%)	33/50 (66%)	40/50 (80%)	35/50 (70%)
<b>POLY-3 RATE (b)</b>	36/48.70	33/47.80	40/46.64	35/42.97
<b>POLY-3 PERCENT (g)</b>	73.9%	69%	85.8%	81.5%
<b>TERMINAL (d)</b>	26/34 (77%)	18/26 (69%)	6/7 (86%)	1/2 (50%)
<b>FIRST INCIDENCE</b>	330	551	334	247
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.099	P=0.377N	P=0.105	P=0.256
<b>POLY 1.5</b>	P=0.235	P=0.356N	P=0.153	P=0.437
<b>POLY 6</b>	P=0.021*	P=0.410N	P=0.061	P=0.089
<b>COCH-ARM / FISHERS</b>	P=0.500	P=0.333N	P=0.241	P=0.500N
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Mixed Cell Focus</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	2/50 (4%)	3/50 (6%)	2/50 (4%)	3/50 (6%)
<b>POLY-3 RATE (b)</b>	2/44.77	3/43.09	2/33.07	3/28.98
<b>POLY-3 PERCENT (g)</b>	4.5%	7%	6.1%	10.4%
<b>TERMINAL (d)</b>	2/34 (6%)	1/26 (4%)	0/7 (0%)	0/2 (0%)
<b>FIRST INCIDENCE</b>	727 (T)	551	574	620
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.245	P=0.483	P=0.580	P=0.314
<b>POLY 1.5</b>	P=0.337	P=0.493	P=0.634	P=0.398
<b>POLY 6</b>	P=0.144	P=0.464	P=0.492	P=0.204
<b>COCH-ARM / FISHERS</b>	P=0.456	P=0.500	P=0.691N	P=0.500
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Lung: Alveolar Epithelium Hypertrophy</b>				
<b>LESION RATES</b>				
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)	---	---	---
<b>STATISTICAL TESTS</b>				
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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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
<b>Lung: Alveolus Infiltration Cellular Histiocyte</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Lymph Node, Mandibular Ectasia</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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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
<b>Lymph Node, Mesenteric Atrophy</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Lymph Node, Mesenteric Hemorrhage</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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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**

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Lymph Node: Renal Infiltration Cellular Plasma Cell</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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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
<b>Mammary Gland Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Mammary Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Mesentery: Fat Necrosis				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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)

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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
<b>Nose</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	2/50 (4%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
<b>POLY-3 RATE (b)</b>	2/45.42	1/42.43	2/33.30	1/27.98
<b>POLY-3 PERCENT (g)</b>	4.4%	2.4%	6%	3.6%
<b>TERMINAL (d)</b>	0/34 (0%)	1/26 (4%)	0/7 (0%)	1/2 (50%)
<b>FIRST INCIDENCE</b>	635	727 (T)	533	727 (T)
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.571	P=0.524N	P=0.577	P=0.658N
<b>POLY 1.5</b>	P=0.530N	P=0.511N	P=0.633	P=0.586N
<b>POLY 6</b>	P=0.457	P=0.545N	P=0.486	P=0.654
<b>COCH-ARM / FISHERS</b>	P=0.444N	P=0.500N	P=0.691N	P=0.500N
<b>MAX-ISO-POLY-3</b>	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
<b>Nose Inflammation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Ovary Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
 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 Cyst				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
 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
<b>Pancreas Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
 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
<b>Pancreas: Acinus Hyperplasia</b>				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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  
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**

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Parathyroid Gland Hyperplasia</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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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**

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Pituitary Gland Atrophy</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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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
<b>Pituitary Gland: Pars Distalis Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
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**

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
<b>Cyst Epithelial Inclusion</b>				
<hr/>				
<b>LESION RATES</b>				
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)	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
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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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
<b>Skin Inflammation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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
<b>Skin</b>				
<b>Ulcer</b>				
<b>LESION RATES</b>				
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)	---	---	---
<b>STATISTICAL TESTS</b>				
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  
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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**

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin: Epidermis</b>				
<b>Hyperkeratosis</b>				
<hr/>				
<b>LESION RATES</b>				
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
<hr/>				
<b>STATISTICAL TESTS</b>				
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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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
<b>Skin: Epidermis Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	6/50 (12%)	13/50 (26%)	29/50 (58%)	31/50 (62%)
<b>POLY-3 RATE (b)</b>	6/46.00	13/47.02	29/43.25	31/41.69
<b>POLY-3 PERCENT (g)</b>	13%	27.7%	67.1%	74.4%
<b>TERMINAL (d)</b>	3/34 (9%)	1/26 (4%)	4/7 (57%)	1/2 (50%)
<b>FIRST INCIDENCE</b>	432	558	386	414
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P<0.001**	P=0.066	P<0.001**	P<0.001**
<b>POLY 1.5</b>	P<0.001**	P=0.065	P<0.001**	P<0.001**
<b>POLY 6</b>	P<0.001**	P=0.067	P<0.001**	P<0.001**
<b>COCH-ARM / FISHERS</b>	P<0.001**	P=0.062	P<0.001**	P<0.001**
<b>MAX-ISO-POLY-3</b>	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)  
 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 Infarct				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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**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
<b>Spleen</b>				
<b>Pigmentation Hemosiderin</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	39/50 (78%)	43/50 (86%)	41/50 (82%)	39/50 (78%)
<b>POLY-3 RATE (b)</b>	39/49.08	43/48.09	41/46.77	39/45.96
<b>POLY-3 PERCENT (g)</b>	79.5%	89.4%	87.7%	84.9%
<b>TERMINAL (d)</b>	26/34 (77%)	24/26 (92%)	7/7 (100%)	1/2 (50%)
<b>FIRST INCIDENCE</b>	330	551	334	247
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.349	P=0.131	P=0.197	P=0.328
<b>POLY 1.5</b>	P=0.505	P=0.166	P=0.275	P=0.455
<b>POLY 6</b>	P=0.142	P=0.091	P=0.115	P=0.161
<b>COCH-ARM / FISHERS</b>	P=0.427N	P=0.218	P=0.402	P=0.595N
<b>MAX-ISO-POLY-3</b>	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
<b>Spleen</b>				
<b>Stromal Hyperplasia</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Spleen Thrombosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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**

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Spleen: Lymphoid Follicle Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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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
<b>Stomach, Forestomach Inflammation</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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  
 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
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Forestomach: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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)  
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
<b>Stomach, Glandular Inflammation</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Glandular Ulcer</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
Thymus Atrophy				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**  
 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
<b>Thyroid Gland: C-Cell Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**  
 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
<b>Thyroid Gland: Follicle Cyst</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Thyroid Gland: Follicular Cell Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
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**

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DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Tongue: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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)	---	---	---
<b>STATISTICAL TESTS</b>				
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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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
<b>Urinary Bladder Inflammation</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Uterus: Cervix Inflammation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Uterus: Cervix Metaplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Uterus: Endometrium Hyperplasia Cystic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**  
Water disinfection byproducts (Bromodichloroacetic acid)  
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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 \*\*\*