

**Experiment Number:** 96014 - 06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
Water disinfection byproducts (Bromodichloroacetic acid)  
**CAS Number:** 71133-14-7

**Date Report Requested:** 01/12/2012  
**Time Report Requested:** 13:25:53  
**First Dose M/F:** 09/26/06 / 09/25/06  
**Lab:** BAT

F1\_M3

**NTP Study Number:** C96014B  
**Lock Date:** 09/09/2009  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 2.6.0.0\_007  
**PWG Approval Date:** NONE

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## HISTORICAL CONTROL STUDIES

From May 2011 report

### SAME ROUTE

20009-04 -- beta-Picoline (ORAL WATER)

20114-06 -- Sodium dichromate dihydrate (VI) (ORAL WATER)

### ALL ROUTES

99024-08 -- Androstenedione (GAVAGE METHYLCELLULOSE)

99037-06 -- alpha/beta Thujone mixture (GAVAGE METHYLCELLULOSE)

99028-06 -- bis(2-Chloroethoxy)methane (SKIN ETHANOL)

20011-06 -- 1-Bromopropane (INHALATION AIR)

99027-04 -- Chromium picolinate monohydrate (ORAL FEED)

05174-06 -- Cresols (ORAL FEED)

97003-08 -- 1,2-Dibromo-2,4-dicyanobutane (SKIN ETHANOL)

99017-06 -- Diethylamine (INHALATION AIR)

99031-04 -- Ginkgo biloba extract (GAVAGE CORN OIL)

20005-06 -- Ginseng (GAVAGE WATER)

99007-06 -- Goldenseal root powder (ORAL FEED)

88105-04 -- Isoeugenol (GAVAGE CORN OIL)

20007-06 -- Kava kava extract (GAVAGE CORN OIL)

95003-06 -- Methyl trans-styryl ketone (SKIN ETHANOL)

20008-04 -- Milk thistle extract (ORAL FEED)

99023-04 -- beta-Myrcene (GAVAGE CORN OIL)

20107-04 -- N,N-Dimethyl-p-toluidine (GAVAGE CORN OIL)

20009-04 -- beta-Picoline (ORAL WATER)

99020-06 -- Pulegone (GAVAGE CORN OIL)

99032-04 -- Pyrogallol (SKIN ETHANOL)

20114-06 -- Sodium dichromate dihydrate (VI) (ORAL WATER)

88148-07 -- 3,3',4,4'-Tetrachloroazobenzene (GAVAGE CORN OIL)

93025-06 -- Tetralin (INHALATION AIR)

88133-08 -- Trimethylolpropane triacrylate (SKIN ACETONE)

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

Adrenal Cortex

Kidney

Liver

Lung

Ovary

Pituitary Gland

Spleen

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

**MALE MICE**

**Organ**

Harderian Gland

Liver

Lung

All Organs

**Morphology**

Adenoma  
Carcinoma  
Carcinoma or Adenoma  
Hepatoblastoma  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma or Hepatoblastoma  
Hepatocellular Carcinoma or Hepatocellular Adenoma  
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma  
Hepatocholangiocarcinoma  
Alveolar/Bronchiolar Adenoma  
Alveolar/Bronchiolar Carcinoma  
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma  
Mesothelioma: Benign, Malignant, NOS  
Mesothelioma: Malignant  
Malignant Tumors  
Malignant and Benign Tumors

**FEMALE MICE**

**Organ**

Liver

Skin

All Organs

**Morphology**

Hemangiosarcoma  
Hepatoblastoma  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma or Hepatoblastoma  
Hepatocellular Carcinoma or Hepatocellular Adenoma  
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma  
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma  
Schwannoma Malignant  
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma  
Benign Tumors

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

Malignant Tumors  
Malignant and Benign Tumors

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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Adrenal Cortex</b>				
<b>Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/38.82	0/40.00	1/32.51	0/31.33
POLY-3 PERCENT (g)	5.2%	0%	3.1%	0%
TERMINAL (d)	2/25 (8%)	0/21 (0%)	1/12 (8%)	0/10 (0%)
FIRST INCIDENCE	730 (T)	---	730 (T)	---
HC TUMORS SAME ROUTE	9/98 (9%)			
HC TUMORS ALL ROUTES	74/1145 (7%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.218N	P=0.230N	P=0.562N	P=0.287N
POLY 1.5	P=0.205N	P=0.233N	P=0.535N	P=0.265N
POLY 6	P=0.235N	P=0.227N	P=0.605N	P=0.322N
COCH-ARM / FISHERS	P=0.189N	P=0.247N	P=0.508N	P=0.247N
MAX-ISO-POLY-3	P=0.145N	P=0.075N	P=0.344N	P=0.124N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.398			
CURR VS HC ALL RTES	P=0.639			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Harderian Gland Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	6/50 (12%)	11/50 (22%)	14/49 (29%)	19/51 (37%)
POLY-3 RATE (b)	6/40.74	11/42.23	14/36.84	19/38.91
POLY-3 PERCENT (g)	14.7%	26.1%	38%	48.8%
TERMINAL (d)	2/25 (8%)	4/21 (19%)	5/12 (42%)	3/10 (30%)
FIRST INCIDENCE	548	533	491	458
HC TUMORS SAME ROUTE	11/100 (11%)			
HC TUMORS ALL ROUTES	149/1150 (13%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.155	P=0.015*	P<0.001**
POLY 1.5	P<0.001**	P=0.149	P=0.023*	P<0.001**
POLY 6	P<0.001**	P=0.163	P=0.008**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P=0.143	P=0.035*	P=0.003**
MAX-ISO-POLY-3	P<0.001**	P=0.102	P=0.010**	P<0.001**
HISTCONT SAME RTE	P=0.019*	P=0.078	P=0.063	P=0.051
HISTCONT ALL RTES	P<0.001**	P=0.011*	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.796			
CURR VS HC ALL RTES	P=0.970			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Harderian Gland Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	3/51 (6%)
POLY-3 RATE (b)	0/38.82	0/40.00	0/32.51	3/32.13
POLY-3 PERCENT (g)	0%	0%	0%	9.3%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/12 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	624
HC TUMORS SAME ROUTE	2/100 (2%)			
HC TUMORS ALL ROUTES	37/1150 (3%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.008**	(e)	(e)	P=0.087
POLY 1.5	P=0.010**	(e)	(e)	P=0.101
POLY 6	P=0.007**	(e)	(e)	P=0.070
COCH-ARM / FISHERS	P=0.013*	(e)	(e)	P=0.125
MAX-ISO-POLY-3	P=0.009**	(e)	(e)	P=0.037*
HISTCONT SAME RTE	P=0.150	(e)	(e)	P=0.195
HISTCONT ALL RTES	P=0.175	(e)	(e)	P=0.095
CURR VS HC SAME RTE	P=0.404			
CURR VS HC ALL RTES	P=0.310			



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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Harderian Gland Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	6/50 (12%)	11/50 (22%)	14/49 (29%)	20/51 (39%)
POLY-3 RATE (b)	6/40.74	11/42.23	14/36.84	20/38.91
POLY-3 PERCENT (g)	14.7%	26.1%	38%	51.4%
TERMINAL (d)	2/25 (8%)	4/21 (19%)	5/12 (42%)	4/10 (40%)
FIRST INCIDENCE	548	533	491	458
HC TUMORS SAME ROUTE	13/100 (13%)			
HC TUMORS ALL ROUTES	184/1150 (16%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.155	P=0.015*	P<0.001**
POLY 1.5	P<0.001**	P=0.149	P=0.023*	P<0.001**
POLY 6	P<0.001**	P=0.163	P=0.008**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.143	P=0.035*	P=0.002**
MAX-ISO-POLY-3	P<0.001**	P=0.102	P=0.010**	P<0.001**
HISTCONT SAME RTE	P=0.019*	P=0.101	P=0.069	P=0.053
HISTCONT ALL RTES	P<0.001**	P=0.068	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.905			
CURR VS HC ALL RTES	P=0.628			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Intestine Small: Jejunum Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/49 (0%)	2/51 (4%)
POLY-3 RATE (b)	1/39.39	3/40.85	0/32.51	2/32.33
POLY-3 PERCENT (g)	2.5%	7.3%	0%	6.2%
TERMINAL (d)	0/25 (0%)	1/21 (5%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	548	581	---	618
HC TUMORS SAME ROUTE	2/100 (2%)			
HC TUMORS ALL ROUTES	20/1150 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.470	P=0.317	P=0.538N	P=0.431
POLY 1.5	P=0.511	P=0.312	P=0.522N	P=0.463
POLY 6	P=0.406	P=0.323	P=0.565N	P=0.387
COCH-ARM / FISHERS	P=0.562	P=0.309	P=0.505N	P=0.508
MAX-ISO-POLY-3	P=0.396	P=0.167	P=0.203N	P=0.246
HISTCONT SAME RTE	P=0.393	P=0.227	P=1.000	P=0.344
HISTCONT ALL RTES	P=0.155	P=0.023*	P=1.000	P=0.146
CURR VS HC SAME RTE	P=0.886			
CURR VS HC ALL RTES	P=0.814			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Intestine Small: Site Unspecified Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	4/50 (8%)	0/49 (0%)	2/51 (4%)
POLY-3 RATE (b)	2/39.61	4/41.25	0/32.51	2/32.33
POLY-3 PERCENT (g)	5.1%	9.7%	0%	6.2%
TERMINAL (d)	0/25 (0%)	1/21 (5%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	548	581	---	618
HC TUMORS SAME ROUTE	2/100 (2%)			
HC TUMORS ALL ROUTES	23/1150 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.484N	P=0.355	P=0.283N	P=0.619
POLY 1.5	P=0.443N	P=0.347	P=0.262N	P=0.655
POLY 6	P=0.553N	P=0.364	P=0.319N	P=0.565
COCH-ARM / FISHERS	P=0.397N	P=0.339	P=0.253N	P=0.684N
MAX-ISO-POLY-3	P=0.383N	P=0.218	P=0.118N	P=0.424
HISTCONT SAME RTE	P=0.455	P=0.149	P=1.000	P=0.344
HISTCONT ALL RTES	P=0.176	P=0.004**	P=1.000	P=0.195
CURR VS HC SAME RTE	P=0.565			
CURR VS HC ALL RTES	P=0.287			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Intestine Small: Site Unspecified Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	3/50 (6%)	4/50 (8%)	1/49 (2%)	2/51 (4%)
POLY-3 RATE (b)	3/39.61	4/41.25	1/32.51	2/32.33
POLY-3 PERCENT (g)	7.6%	9.7%	3.1%	6.2%
TERMINAL (d)	1/25 (4%)	1/21 (5%)	1/12 (8%)	0/10 (0%)
FIRST INCIDENCE	548	581	730 (T)	618
HC TUMORS SAME ROUTE	3/100 (3%)			
HC TUMORS ALL ROUTES	28/1150 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.382N	P=0.522	P=0.378N	P=0.592N
POLY 1.5	P=0.337N	P=0.512	P=0.346N	P=0.549N
POLY 6	P=0.457N	P=0.534	P=0.435N	P=0.651N
COCH-ARM / FISHERS	P=0.285N	P=0.500	P=0.316N	P=0.491N
MAX-ISO-POLY-3	P=0.442N	P=0.369	P=0.225N	P=0.416N
HISTCONT SAME RTE	P=0.425	P=0.148	P=1.000	P=0.432
HISTCONT ALL RTES	P=0.141	P=0.011*	P=1.000	P=0.264
CURR VS HC SAME RTE	P=0.341			
CURR VS HC ALL RTES	P=0.091			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Kidney: Renal Tubule Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/49 (0%)	2/51 (4%)
POLY-3 RATE (b)	2/38.82	2/40.40	0/32.51	2/32.17
POLY-3 PERCENT (g)	5.2%	5%	0%	6.2%
TERMINAL (d)	2/25 (8%)	0/21 (0%)	0/12 (0%)	1/10 (10%)
FIRST INCIDENCE	730 (T)	639	---	613
HC TUMORS SAME ROUTE	0/100 (0%)			
HC TUMORS ALL ROUTES	9/1144 (1%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.598	P=0.680N	P=0.278N	P=0.625
POLY 1.5	P=0.578N	P=0.686N	P=0.260N	P=0.658
POLY 6	P=0.547	P=0.674N	P=0.310N	P=0.574
COCH-ARM / FISHERS	P=0.549N	P=0.691N	P=0.253N	P=0.684N
MAX-ISO-POLY-3	P=0.495	P=0.483N	P=0.113N	P=0.429
HISTCONT SAME RTE	P=0.134	P=0.153	(e)	P=0.156
HISTCONT ALL RTES	P=0.016*	P=0.019*	P=1.000	P=0.017*
CURR VS HC SAME RTE	P=0.013*			
CURR VS HC ALL RTES	P=0.017*			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	4/50 (8%)	2/49 (4%)	4/51 (8%)
POLY-3 RATE (b)	1/38.82	4/41.18	2/32.94	4/32.63
POLY-3 PERCENT (g)	2.6%	9.7%	6.1%	12.3%
TERMINAL (d)	1/25 (4%)	1/21 (5%)	1/12 (8%)	1/10 (10%)
FIRST INCIDENCE	730 (T)	609	603	600
HC TUMORS SAME ROUTE	6/100 (6%)			
HC TUMORS ALL ROUTES	57/1149 (5%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.139	P=0.196	P=0.443	P=0.128
POLY 1.5	P=0.173	P=0.188	P=0.467	P=0.151
POLY 6	P=0.099	P=0.206	P=0.403	P=0.101
COCH-ARM / FISHERS	P=0.224	P=0.181	P=0.492	P=0.187
MAX-ISO-POLY-3	P=0.129	P=0.100	P=0.249	P=0.070
HISTCONT SAME RTE	P=0.379	P=0.447	P=1.000	P=0.341
HISTCONT ALL RTES	P=0.190	P=0.237	P=1.000	P=0.162
CURR VS HC SAME RTE	P=0.466			
CURR VS HC ALL RTES	P=0.456			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	4/50 (8%)	24/50 (48%)	40/49 (82%)	34/51 (67%)
POLY-3 RATE (b)	4/39.69	24/44.79	40/45.92	34/43.86
POLY-3 PERCENT (g)	10.1%	53.6%	87.1%	77.5%
TERMINAL (d)	1/25 (4%)	8/21 (38%)	9/12 (75%)	5/10 (50%)
FIRST INCIDENCE	590	433	477	360
HC TUMORS SAME ROUTE	23/100 (23%)			
HC TUMORS ALL ROUTES	61/1149 (5%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.027*	P=0.087	P=0.027*	P=0.042*
HISTCONT ALL RTEs	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.152			
CURR VS HC ALL RTEs	P=0.332			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	39/50 (78%)	41/50 (82%)	42/49 (86%)	40/51 (78%)
POLY-3 RATE (b)	39/44.74	41/45.66	42/46.20	40/43.81
POLY-3 PERCENT (g)	87.2%	89.8%	90.9%	91.3%
TERMINAL (d)	25/25 (100%)	20/21 (95%)	10/12 (83%)	10/10 (100%)
FIRST INCIDENCE	449	434	477	322
HC TUMORS SAME ROUTE	69/100 (69%)			
HC TUMORS ALL ROUTES	658/1149 (57%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.288	P=0.471	P=0.388	P=0.355
POLY 1.5	P=0.374	P=0.422	P=0.298	P=0.430
POLY 6	P=0.243	P=0.616	P=0.596	P=0.317
COCH-ARM / FISHERS	P=0.542N	P=0.402	P=0.232	P=0.574
MAX-ISO-POLY-3	P=0.357	P=0.319	P=0.251	P=0.210
HISTCONT SAME RTE	P=0.037*	P=0.054	P=0.051	P=0.049*
HISTCONT ALL RTES	P<0.001**	P=0.005**	P=0.003**	P=0.005**
CURR VS HC SAME RTE	P=0.088			
CURR VS HC ALL RTES	P<0.001**			



Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocellular Carcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	12/50 (24%)	22/50 (44%)	27/49 (55%)	39/51 (76%)
POLY-3 RATE (b)	12/40.95	22/44.45	27/40.83	39/44.79
POLY-3 PERCENT (g)	29.3%	49.5%	66.1%	87.1%
TERMINAL (d)	7/25 (28%)	8/21 (38%)	7/12 (58%)	8/10 (80%)
FIRST INCIDENCE	548	511	480	260
HC TUMORS SAME ROUTE	40/100 (40%)			
HC TUMORS ALL ROUTES	399/1149 (35%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.041*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.033*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.054	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.028*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.029*	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.027*	P=0.394	P=0.155	P=0.061
HISTCONT ALL RTES	P<0.001**	P=0.102	P=0.004**	P<0.001**
CURR VS HC SAME RTE	P=0.375			
CURR VS HC ALL RTES	P=0.341			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocellular Carcinoma or Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	15/50 (30%)	34/50 (68%)	48/49 (98%)	45/51 (88%)
POLY-3 RATE (b)	15/41.59	34/47.31	48/49.00	45/47.11
POLY-3 PERCENT (g)	36.1%	71.9%	98%	95.5%
TERMINAL (d)	8/25 (32%)	11/21 (52%)	11/12 (92%)	9/10 (90%)
FIRST INCIDENCE	548	433	477	260
HC TUMORS SAME ROUTE	51/100 (51%)			
HC TUMORS ALL ROUTES	433/1149 (38%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.022*	P=0.079	P=0.036*	P=0.041*
HISTCONT ALL RTEs	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.045*			
CURR VS HC ALL RTEs	P=0.619			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocellular Carcinoma or Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	42/50 (84%)	47/50 (94%)	46/49 (94%)	48/51 (94%)
POLY-3 RATE (b)	42/46.05	47/48.11	46/47.65	48/48.93
POLY-3 PERCENT (g)	91.2%	97.7%	96.5%	98.1%
TERMINAL (d)	25/25 (100%)	21/21 (100%)	11/12 (92%)	10/10 (100%)
FIRST INCIDENCE	449	434	477	260
HC TUMORS SAME ROUTE	87/100 (87%)			
HC TUMORS ALL ROUTES	844/1149 (74%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.071	P=0.109	P=0.211	P=0.081
POLY 1.5	P=0.068	P=0.094	P=0.141	P=0.076
POLY 6	P=0.135	P=0.193	P=0.432	P=0.145
COCH-ARM / FISHERS	P=0.088	P=0.100	P=0.106	P=0.094
MAX-ISO-POLY-3	P=0.023*	P=0.036*	P=0.095	P=0.024*
HISTCONT SAME RTE	P=0.144	P=0.187	P=0.239	P=0.171
HISTCONT ALL RTES	P=0.002**	P=0.009**	P=0.012*	P=0.008**
CURR VS HC SAME RTE	P=0.993			
CURR VS HC ALL RTES	P=0.022*			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	42/50 (84%)	50/50 (100%)	48/49 (98%)	49/51 (96%)
POLY-3 RATE (b)	42/46.05	50/50.00	48/49.00	49/49.43
POLY-3 PERCENT (g)	91.2%	100%	98%	99.1%
TERMINAL (d)	25/25 (100%)	21/21 (100%)	11/12 (92%)	10/10 (100%)
FIRST INCIDENCE	449	433	477	260
HC TUMORS SAME ROUTE	91/100 (91%)			
HC TUMORS ALL ROUTES	852/1149 (74%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.036*	P=0.015*	P=0.110	P=0.034*
POLY 1.5	P=0.027*	P=0.007**	P=0.044*	P=0.031*
POLY 6	P=0.109	P=0.070	P=0.360	P=0.087
COCH-ARM / FISHERS	P=0.041*	P=0.003**	P=0.017*	P=0.043*
MAX-ISO-POLY-3	P=0.003**	P=0.003**	P=0.042*	P=0.008**
HISTCONT SAME RTE	P=0.115	P=0.114	P=0.213	P=0.138
HISTCONT ALL RTES	P<0.001**	P=0.005**	P=0.009**	P=0.007**
CURR VS HC SAME RTE	P=0.412			
CURR VS HC ALL RTES	P=0.028*			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocholangiocarcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/49 (4%)	2/51 (4%)
POLY-3 RATE (b)	0/38.82	0/40.00	2/33.19	2/32.40
POLY-3 PERCENT (g)	0%	0%	6%	6.2%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	1/12 (8%)	0/10 (0%)
FIRST INCIDENCE	---	---	499	625
HC TUMORS SAME ROUTE	2/100 (2%)			
HC TUMORS ALL ROUTES	13/1149 (1%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.056	(e)	P=0.203	P=0.199
POLY 1.5	P=0.068	(e)	P=0.217	P=0.216
POLY 6	P=0.044*	(e)	P=0.181	P=0.176
COCH-ARM / FISHERS	P=0.089	(e)	P=0.242	P=0.252
MAX-ISO-POLY-3	P=0.088	(e)	P=0.073	P=0.075
HISTCONT SAME RTE	P=0.287	(e)	P=0.351	P=0.346
HISTCONT ALL RTES	P=0.044*	(e)	P=0.088	P=0.090
CURR VS HC SAME RTE	P=0.403			
CURR VS HC ALL RTES	P=0.675			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Lung</b>				
<b>Alveolar/Bronchiolar Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	13/50 (26%)	14/50 (28%)	9/49 (18%)	2/51 (4%)
POLY-3 RATE (b)	13/41.24	14/42.81	9/36.21	2/33.01
POLY-3 PERCENT (g)	31.5%	32.7%	24.9%	6.1%
TERMINAL (d)	7/25 (28%)	6/21 (29%)	1/12 (8%)	0/10 (0%)
FIRST INCIDENCE	578	434	498	458
HC TUMORS SAME ROUTE	21/100 (21%)			
HC TUMORS ALL ROUTES	172/1150 (15%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.005N**	P=0.547	P=0.344N	P=0.006N**
POLY 1.5	P=0.002N**	P=0.530	P=0.295N	P=0.003N**
POLY 6	P=0.016N*	P=0.559	P=0.437N	P=0.015N*
COCH-ARM / FISHERS	P<0.001N**	P=0.500	P=0.251N	P=0.002N**
MAX-ISO-POLY-3	P=0.007N**	P=0.453	P=0.267N	P=0.005N**
HISTCONT SAME RTE	P=1.000	P=0.276	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.532	P=0.008**	P=0.161	P=1.000
CURR VS HC SAME RTE	P=0.584			
CURR VS HC ALL RTES	P=0.019*			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Lung</b>				
<b>Alveolar/Bronchiolar Carcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	7/50 (14%)	11/50 (22%)	5/49 (10%)	2/51 (4%)
POLY-3 RATE (b)	7/39.03	11/41.43	5/34.17	2/32.13
POLY-3 PERCENT (g)	17.9%	26.6%	14.6%	6.2%
TERMINAL (d)	5/25 (20%)	6/21 (29%)	2/12 (17%)	1/10 (10%)
FIRST INCIDENCE	688	511	480	625
HC TUMORS SAME ROUTE	12/100 (12%)			
HC TUMORS ALL ROUTES	144/1150 (13%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.058N	P=0.253	P=0.474N	P=0.130N
POLY 1.5	P=0.038N*	P=0.237	P=0.433N	P=0.104N
POLY 6	P=0.107N	P=0.273	P=0.549N	P=0.181N
COCH-ARM / FISHERS	P=0.022N*	P=0.218	P=0.394N	P=0.075N
MAX-ISO-POLY-3	P=0.080N	P=0.182	P=0.358N	P=0.088N
HISTCONT SAME RTE	P=0.680	P=0.179	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.670	P=0.038*	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.727			
CURR VS HC ALL RTES	P=0.521			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Lung</b>				
<b>Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	19/50 (38%)	25/50 (50%)	13/49 (27%)	4/51 (8%)
POLY-3 RATE (b)	19/41.46	25/44.25	13/37.87	4/33.39
POLY-3 PERCENT (g)	45.8%	56.5%	34.3%	12%
TERMINAL (d)	11/25 (44%)	12/21 (57%)	2/12 (17%)	1/10 (10%)
FIRST INCIDENCE	578	434	480	458
HC TUMORS SAME ROUTE	30/100 (30%)			
HC TUMORS ALL ROUTES	301/1150 (26%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001N**	P=0.212	P=0.199N	P<0.001N**
POLY 1.5	P<0.001N**	P=0.188	P=0.173N	P<0.001N**
POLY 6	P<0.001N**	P=0.238	P=0.267N	P=0.004N**
COCH-ARM / FISHERS	P<0.001N**	P=0.157	P=0.157N	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.161	P=0.148N	P<0.001N**
HISTCONT SAME RTE	P=0.744	P=0.059	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.480	P<0.001**	P=0.252	P=1.000
CURR VS HC SAME RTE	P=0.193			
CURR VS HC ALL RTES	P=0.024*			



Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Pituitary Gland: Pars Distalis or Unspecified Site Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	0/51 (0%)
POLY-3 RATE (b)	0/38.82	0/39.06	0/32.51	0/31.76
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/96 (0%)			
HC TUMORS ALL ROUTES	3/1131 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/49 (0%)	1/51 (2%)
POLY-3 RATE (b)	0/38.82	1/40.00	0/32.51	1/32.44
POLY-3 PERCENT (g)	0%	2.5%	0%	3.1%
TERMINAL (d)	0/25 (0%)	1/21 (5%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	---	730 (T)	---	496
HC TUMORS SAME ROUTE	1/100 (1%)			
HC TUMORS ALL ROUTES	2/1150 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/49 (0%)	1/51 (2%)
POLY-3 RATE (b)	1/39.47	1/40.11	0/32.51	1/31.81
POLY-3 PERCENT (g)	2.5%	2.5%	0%	3.1%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	512	702	---	718
HC TUMORS SAME ROUTE	1/100 (1%)			
HC TUMORS ALL ROUTES	14/1150 (1%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/49 (0%)	1/51 (2%)
POLY-3 RATE (b)	1/39.47	1/40.11	0/32.51	1/31.81
POLY-3 PERCENT (g)	2.5%	2.5%	0%	3.1%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	512	702	---	718
HC TUMORS SAME ROUTE	1/100 (1%)			
HC TUMORS ALL ROUTES	13/1150 (1%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
<b>Fibrous Histiocytoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/49 (0%)	1/51 (2%)
POLY-3 RATE (b)	1/39.47	1/40.11	0/32.51	1/31.81
POLY-3 PERCENT (g)	2.5%	2.5%	0%	3.1%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	512	702	---	718
HC TUMORS SAME ROUTE	1/100 (1%)			
HC TUMORS ALL ROUTES	7/1150 (1%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
<b>Schwannoma Malignant</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/51 (0%)
POLY-3 RATE (b)	0/38.82	0/40.00	0/32.51	0/31.76
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/100 (0%)			
HC TUMORS ALL ROUTES	1/1150 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
<b>Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/51 (0%)
POLY-3 RATE (b)	0/38.82	0/40.00	0/32.51	0/31.76
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/100 (1%)			
HC TUMORS ALL ROUTES	1/1150 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Spleen Hemangiosarcoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/49 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/39.08	0/40.00	2/33.86	0/31.50
POLY-3 PERCENT (g)	5.1%	0%	5.9%	0%
TERMINAL (d)	1/25 (4%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	658	---	499	---
HC TUMORS SAME ROUTE	3/95 (3%)			
HC TUMORS ALL ROUTES	37/1136 (3%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.304N	P=0.231N	P=0.642	P=0.288N
POLY 1.5	P=0.280N	P=0.234N	P=0.665	P=0.265N
POLY 6	P=0.339N	P=0.230N	P=0.601	P=0.325N
COCH-ARM / FISHERS	P=0.248N	P=0.247N	P=0.684	P=0.247N
MAX-ISO-POLY-3	P=0.198N	P=0.075N	P=0.444	P=0.124N
HISTCONT SAME RTE	P=0.695	P=1.000	P=0.478	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=0.382	P=1.000
CURR VS HC SAME RTE	P=0.716			
CURR VS HC ALL RTES	P=0.660			



Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Stomach, Forestomach Squamous Cell Papilloma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/49 (0%)	1/51 (2%)
POLY-3 RATE (b)	0/38.82	1/40.19	0/32.51	1/32.57
POLY-3 PERCENT (g)	0%	2.5%	0%	3.1%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	---	679	---	414
HC TUMORS SAME ROUTE	0/100 (0%)			
HC TUMORS ALL ROUTES	22/1150 (2%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	5/50 (10%)	5/50 (10%)	4/49 (8%)	5/51 (10%)
POLY-3 RATE (b)	5/39.61	5/41.35	4/34.30	5/32.63
POLY-3 PERCENT (g)	12.6%	12.1%	11.7%	15.3%
TERMINAL (d)	2/25 (8%)	1/21 (5%)	1/12 (8%)	2/10 (20%)
FIRST INCIDENCE	626	609	499	600
HC TUMORS SAME ROUTE	10/100 (10%)			
HC TUMORS ALL ROUTES	110/1150 (10%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.428	P=0.604N	P=0.591N	P=0.504
POLY 1.5	P=0.499	P=0.615N	P=0.552N	P=0.565
POLY 6	P=0.329	P=0.592N	P=0.623	P=0.415
COCH-ARM / FISHERS	P=0.536N	P=0.630N	P=0.513N	P=0.617N
MAX-ISO-POLY-3	P=0.568	P=0.470N	P=0.452N	P=0.380
HISTCONT SAME RTE	P=0.353	P=1.000	P=1.000	P=0.391
HISTCONT ALL RTES	P=0.331	P=0.490	P=1.000	P=0.260
CURR VS HC SAME RTE	P=0.913			
CURR VS HC ALL RTES	P=0.728			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Hemangiosarcoma or Hemangioma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	5/50 (10%)	5/50 (10%)	5/49 (10%)	5/51 (10%)
POLY-3 RATE (b)	5/39.61	5/41.35	5/34.30	5/32.63
POLY-3 PERCENT (g)	12.6%	12.1%	14.6%	15.3%
TERMINAL (d)	2/25 (8%)	1/21 (5%)	2/12 (17%)	2/10 (20%)
FIRST INCIDENCE	626	609	499	600
HC TUMORS SAME ROUTE	11/100 (11%)			
HC TUMORS ALL ROUTES	120/1150 (10%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.398	P=0.604N	P=0.538	P=0.504
POLY 1.5	P=0.474	P=0.615N	P=0.578	P=0.565
POLY 6	P=0.295	P=0.592N	P=0.466	P=0.415
COCH-ARM / FISHERS	P=0.550N	P=0.630N	P=0.617	P=0.617N
MAX-ISO-POLY-3	P=0.584	P=0.470N	P=0.407	P=0.380
HISTCONT SAME RTE	P=0.523	P=1.000	P=1.000	P=0.494
HISTCONT ALL RTES	P=0.380	P=1.000	P=0.387	P=0.344
CURR VS HC SAME RTE	P=0.945			
CURR VS HC ALL RTES	P=0.870			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Histiocytic Sarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/49 (2%)	1/51 (2%)
POLY-3 RATE (b)	1/39.58	1/40.10	1/32.61	1/32.51
POLY-3 PERCENT (g)	2.5%	2.5%	3.1%	3.1%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	449	704	703	458
HC TUMORS SAME ROUTE	0/100 (0%)			
HC TUMORS ALL ROUTES	5/1150 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/49 (2%)	1/51 (2%)
POLY-3 RATE (b)	0/38.82	0/40.00	1/32.51	1/31.81
POLY-3 PERCENT (g)	0%	0%	3.1%	3.1%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	1/12 (8%)	0/10 (0%)
FIRST INCIDENCE	---	---	730 (T)	718
HC TUMORS SAME ROUTE	2/100 (2%)			
HC TUMORS ALL ROUTES	48/1150 (4%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Mesothelioma: Benign, Malignant, NOS</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	3/51 (6%)
POLY-3 RATE (b)	1/38.82	0/40.00	0/32.51	3/33.03
POLY-3 PERCENT (g)	2.6%	0%	0%	9.1%
TERMINAL (d)	1/25 (4%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	730 (T)	---	---	521
HC TUMORS SAME ROUTE	3/100 (3%)			
HC TUMORS ALL ROUTES	4/1150 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.071	P=0.494N	P=0.535N	P=0.249
POLY 1.5	P=0.078	P=0.497N	P=0.520N	P=0.274
POLY 6	P=0.063	P=0.492N	P=0.560N	P=0.215
COCH-ARM / FISHERS	P=0.089	P=0.500N	P=0.505N	P=0.316
MAX-ISO-POLY-3	P=0.040*	P=0.158N	P=0.200N	P=0.135
HISTCONT SAME RTE	P=0.140	P=1.000	P=1.000	P=0.183
HISTCONT ALL RTES	P<0.001**	P=1.000	P=1.000	P<0.001**
CURR VS HC SAME RTE	P=0.773			
CURR VS HC ALL RTES	P=0.065			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Mesothelioma: Malignant</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	3/51 (6%)
POLY-3 RATE (b)	1/38.82	0/40.00	0/32.51	3/33.03
POLY-3 PERCENT (g)	2.6%	0%	0%	9.1%
TERMINAL (d)	1/25 (4%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	730 (T)	---	---	521
HC TUMORS SAME ROUTE	2/100 (2%)			
HC TUMORS ALL ROUTES	3/1150 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.071	P=0.494N	P=0.535N	P=0.249
POLY 1.5	P=0.078	P=0.497N	P=0.520N	P=0.274
POLY 6	P=0.063	P=0.492N	P=0.560N	P=0.215
COCH-ARM / FISHERS	P=0.089	P=0.500N	P=0.505N	P=0.316
MAX-ISO-POLY-3	P=0.040*	P=0.158N	P=0.200N	P=0.135
HISTCONT SAME RTE	P=0.133	P=1.000	P=1.000	P=0.184
HISTCONT ALL RTEs	P<0.001**	P=1.000	P=1.000	P<0.001**
CURR VS HC SAME RTE	P=0.876			
CURR VS HC ALL RTEs	P=0.034*			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Osteosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/49 (0%)	0/51 (0%)
POLY-3 RATE (b)	0/38.82	1/40.79	0/32.51	0/31.76
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	---	434	---	---
HC TUMORS SAME ROUTE	1/100 (1%)			
HC TUMORS ALL ROUTES	3/1150 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			



Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Osteosarcoma or Osteoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/49 (2%)	0/51 (0%)
POLY-3 RATE (b)	0/38.82	1/40.79	1/32.62	0/31.76
POLY-3 PERCENT (g)	0%	2.5%	3.1%	0%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/12 (0%)	0/10 (0%)
FIRST INCIDENCE	---	434	701	---
HC TUMORS SAME ROUTE	1/100 (1%)			
HC TUMORS ALL ROUTES	4/1150 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	43/50 (86%)	44/50 (88%)	46/49 (94%)	44/51 (86%)
POLY-3 RATE (b)	43/46.31	44/46.90	46/47.94	44/46.65
POLY-3 PERCENT (g)	92.8%	93.8%	96%	94.3%
TERMINAL (d)	25/25 (100%)	20/21 (95%)	11/12 (92%)	10/10 (100%)
FIRST INCIDENCE	449	434	477	322
HC TUMORS SAME ROUTE	78/100 (78%)			
HC TUMORS ALL ROUTES	805/1150 (70%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.435	P=0.612	P=0.398	P=0.570
POLY 1.5	P=0.446	P=0.545	P=0.266	P=0.551
POLY 6	P=0.452	P=0.752	P=0.654	P=0.664
COCH-ARM / FISHERS	P=0.531	P=0.500	P=0.167	P=0.597
MAX-ISO-POLY-3	P=0.441	P=0.403	P=0.213	P=0.347
HISTCONT SAME RTE	P=0.060	P=0.080	P=0.064	P=0.074
HISTCONT ALL RTES	P=0.002**	P=0.011*	P=0.005**	P=0.011*
CURR VS HC SAME RTE	P=0.102			
CURR VS HC ALL RTES	P=0.004**			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Malignant Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	30/50 (60%)	42/50 (84%)	49/49 (100%)	47/51 (92%)
POLY-3 RATE (b)	30/45.01	42/49.05	49/49.00	47/47.87
POLY-3 PERCENT (g)	66.7%	85.6%	100%	98.2%
TERMINAL (d)	14/25 (56%)	15/21 (71%)	12/12 (100%)	10/10 (100%)
FIRST INCIDENCE	449	433	477	260
HC TUMORS SAME ROUTE	67/100 (67%)			
HC TUMORS ALL ROUTES	679/1150 (59%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.021*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.012*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.039*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.007**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.014*	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.036*	P=0.113	P=0.056	P=0.061
HISTCONT ALL RTES	P<0.001**	P=0.004**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.730			
CURR VS HC ALL RTES	P=0.473			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Malignant and Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	48/50 (96%)	50/50 (100%)	49/49 (100%)	51/51 (100%)
POLY-3 RATE (b)	48/48.83	50/50.00	49/49.00	51/51.00
POLY-3 PERCENT (g)	98.3%	100%	100%	100%
TERMINAL (d)	25/25 (100%)	21/21 (100%)	12/12 (100%)	10/10 (100%)
FIRST INCIDENCE	449	433	477	260
HC TUMORS SAME ROUTE	97/100 (97%)			
HC TUMORS ALL ROUTES	1030/1150 (90%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.307	P=0.604	P=0.609	P=0.599
POLY 1.5	P=0.177	P=0.374	P=0.380	P=0.369
POLY 6	P=0.823	P=0.989	P=0.989	P=0.988
COCH-ARM / FISHERS	P=0.114	P=0.247	P=0.253	P=0.243
MAX-ISO-POLY-3	P=0.038*	P=0.083	P=0.085	P=0.082
HISTCONT SAME RTE	P=0.100	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.018*	P=0.051	P=0.052	P=0.049*
CURR VS HC SAME RTE	P=0.904			
CURR VS HC ALL RTES	P=0.069			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Adrenal Cortex</b>				
<b>Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/49 (0%)	1/50 (2%)	0/47 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/42.11	1/43.24	0/41.28	0/41.74
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	0/29 (0%)	0/27 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
HC TUMORS SAME ROUTE	0/98 (0%)			
HC TUMORS ALL ROUTES	5/1193 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Harderian Gland Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	5/50 (10%)	4/50 (8%)	6/50 (12%)	5/50 (10%)
POLY-3 RATE (b)	5/43.50	4/43.90	6/44.33	5/42.72
POLY-3 PERCENT (g)	11.5%	9.1%	13.5%	11.7%
TERMINAL (d)	3/30 (10%)	3/33 (9%)	3/29 (10%)	4/27 (15%)
FIRST INCIDENCE	540	509	575	614
HC TUMORS SAME ROUTE	6/100 (6%)			
HC TUMORS ALL ROUTES	116/1198 (10%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.484	P=0.494N	P=0.513	P=0.619
POLY 1.5	P=0.492	P=0.498N	P=0.502	P=0.625
POLY 6	P=0.468	P=0.489N	P=0.527	P=0.607
COCH-ARM / FISHERS	P=0.500	P=0.500N	P=0.500	P=0.630N
MAX-ISO-POLY-3	P=0.580	P=0.357N	P=0.386	P=0.487
HISTCONT SAME RTE	P=0.135	P=0.384	P=0.143	P=0.200
HISTCONT ALL RTES	P=0.636	P=1.000	P=0.362	P=1.000
CURR VS HC SAME RTE	P=0.339			
CURR VS HC ALL RTES	P=0.877			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Harderian Gland Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/42.40	1/43.24	1/43.48	1/42.38
POLY-3 PERCENT (g)	0%	2.3%	2.3%	2.4%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	1/29 (3%)	0/27 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	712
HC TUMORS SAME ROUTE	3/100 (3%)			
HC TUMORS ALL ROUTES	26/1198 (2%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Harderian Gland Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	5/50 (10%)	4/50 (8%)	7/50 (14%)	6/50 (12%)
POLY-3 RATE (b)	5/43.50	4/43.90	7/44.33	6/42.78
POLY-3 PERCENT (g)	11.5%	9.1%	15.8%	14%
TERMINAL (d)	3/30 (10%)	3/33 (9%)	4/29 (14%)	4/27 (15%)
FIRST INCIDENCE	540	509	575	614
HC TUMORS SAME ROUTE	9/100 (9%)			
HC TUMORS ALL ROUTES	142/1198 (12%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.336	P=0.494N	P=0.392	P=0.488
POLY 1.5	P=0.344	P=0.498N	P=0.381	P=0.494
POLY 6	P=0.320	P=0.489N	P=0.405	P=0.475
COCH-ARM / FISHERS	P=0.351	P=0.500N	P=0.380	P=0.500
MAX-ISO-POLY-3	P=0.422	P=0.357N	P=0.282	P=0.363
HISTCONT SAME RTE	P=0.142	P=1.000	P=0.135	P=0.196
HISTCONT ALL RTES	P=0.635	P=1.000	P=0.370	P=1.000
CURR VS HC SAME RTE	P=0.746			
CURR VS HC ALL RTES	P=0.762			



Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Intestine Small: Jejunum Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.40	0/43.24	0/43.48	0/42.31
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/100 (1%)			
HC TUMORS ALL ROUTES	4/1198 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Intestine Small: Site Unspecified Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.40	1/43.24	0/43.48	0/42.31
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	0/29 (0%)	0/27 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
HC TUMORS SAME ROUTE	1/100 (1%)			
HC TUMORS ALL ROUTES	6/1198 (1%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Intestine Small: Site Unspecified Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.40	1/43.24	1/43.48	0/42.31
POLY-3 PERCENT (g)	0%	2.3%	2.3%	0%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	1/29 (3%)	0/27 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
HC TUMORS SAME ROUTE	1/100 (1%)			
HC TUMORS ALL ROUTES	8/1198 (1%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Kidney: Renal Tubule Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/42.40	0/43.24	0/43.48	0/41.74
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/99 (0%)			
HC TUMORS ALL ROUTES	1/1192 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/49 (4%)	4/50 (8%)	4/49 (8%)	8/50 (16%)
POLY-3 RATE (b)	2/42.56	4/43.50	4/43.45	8/43.00
POLY-3 PERCENT (g)	4.7%	9.2%	9.2%	18.6%
TERMINAL (d)	1/30 (3%)	3/33 (9%)	3/29 (10%)	5/27 (19%)
FIRST INCIDENCE	596	659	575	660
HC TUMORS SAME ROUTE	3/98 (3%)			
HC TUMORS ALL ROUTES	13/1195 (1%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.026*	P=0.347	P=0.346	P=0.045*
POLY 1.5	P=0.027*	P=0.345	P=0.339	P=0.047*
POLY 6	P=0.025*	P=0.351	P=0.356	P=0.043*
COCH-ARM / FISHERS	P=0.029*	P=0.349	P=0.339	P=0.049*
MAX-ISO-POLY-3	P=0.026*	P=0.209	P=0.210	P=0.021*
HISTCONT SAME RTE	P=0.031*	P=0.138	P=0.137	P=0.073
HISTCONT ALL RTES	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.684			
CURR VS HC ALL RTES	P=0.054			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/49 (0%)	1/50 (2%)	4/49 (8%)	6/50 (12%)
POLY-3 RATE (b)	0/42.11	1/43.40	4/42.99	6/43.11
POLY-3 PERCENT (g)	0%	2.3%	9.3%	13.9%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	3/29 (10%)	3/27 (11%)
FIRST INCIDENCE	---	688	716	636
HC TUMORS SAME ROUTE	1/98 (1%)			
HC TUMORS ALL ROUTES	4/1195 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.003**	P=0.506	P=0.062	P=0.016*
POLY 1.5	P=0.004**	P=0.504	P=0.061	P=0.016*
POLY 6	P=0.003**	P=0.509	P=0.065	P=0.016*
COCH-ARM / FISHERS	P=0.004**	P=0.505	P=0.059	P=0.014*
MAX-ISO-POLY-3	P=0.005**	P=0.165	P=0.021*	P=0.005**
HISTCONT SAME RTE	P=0.031*	P=1.000	P=0.104	P=0.079
HISTCONT ALL RTES	P<0.001**	P=0.150	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.506			
CURR VS HC ALL RTES	P=0.583			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	33/49 (67%)	42/50 (84%)	42/49 (86%)	44/50 (88%)
POLY-3 RATE (b)	33/43.85	42/46.33	42/45.43	44/47.34
POLY-3 PERCENT (g)	75.3%	90.7%	92.5%	93%
TERMINAL (d)	26/30 (87%)	32/33 (97%)	28/29 (97%)	27/27 (100%)
FIRST INCIDENCE	540	386	597	503
HC TUMORS SAME ROUTE	52/98 (53%)			
HC TUMORS ALL ROUTES	380/1195 (32%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.009**	P=0.030*	P=0.015*	P=0.010**
POLY 1.5	P=0.008**	P=0.031*	P=0.013*	P=0.009**
POLY 6	P=0.013*	P=0.038*	P=0.029*	P=0.013*
COCH-ARM / FISHERS	P=0.013*	P=0.044*	P=0.028*	P=0.012*
MAX-ISO-POLY-3	P=0.003**	P=0.016*	P=0.007**	P=0.005**
HISTCONT SAME RTE	P=0.082	P=0.116	P=0.108	P=0.102
HISTCONT ALL RTES	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.408			
CURR VS HC ALL RTES	P<0.001**			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocellular Carcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	9/49 (18%)	17/50 (34%)	22/49 (45%)	26/50 (52%)
POLY-3 RATE (b)	9/42.66	17/44.82	22/44.16	26/44.01
POLY-3 PERCENT (g)	21.1%	37.9%	49.8%	59.1%
TERMINAL (d)	5/30 (17%)	13/33 (39%)	15/29 (52%)	20/27 (74%)
FIRST INCIDENCE	604	509	603	607
HC TUMORS SAME ROUTE	19/98 (19%)			
HC TUMORS ALL ROUTES	144/1195 (12%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.065	P=0.004**	P<0.001**
POLY 1.5	P<0.001**	P=0.061	P=0.003**	P<0.001**
POLY 6	P<0.001**	P=0.072	P=0.005**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.061	P=0.004**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.042*	P=0.002**	P<0.001**
HISTCONT SAME RTE	P=0.021*	P=0.078	P=0.059	P=0.050*
HISTCONT ALL RTES	P<0.001**	P=0.004**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.954			
CURR VS HC ALL RTES	P=0.164			



Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocellular Carcinoma or Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	9/49 (18%)	18/50 (36%)	24/49 (49%)	28/50 (56%)
POLY-3 RATE (b)	9/42.66	18/44.98	24/44.16	28/44.47
POLY-3 PERCENT (g)	21.1%	40%	54.4%	63%
TERMINAL (d)	5/30 (17%)	13/33 (39%)	17/29 (59%)	20/27 (74%)
FIRST INCIDENCE	604	509	603	607
HC TUMORS SAME ROUTE	20/98 (20%)			
HC TUMORS ALL ROUTES	148/1195 (12%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.043*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.040*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.048*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.040*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.027*	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.021*	P=0.081	P=0.057	P=0.048*
HISTCONT ALL RTEs	P<0.001**	P=0.003**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.931			
CURR VS HC ALL RTEs	P=0.194			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocellular Carcinoma or Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	36/49 (73%)	44/50 (88%)	43/49 (88%)	46/50 (92%)
POLY-3 RATE (b)	36/44.37	44/46.99	43/45.43	46/48.16
POLY-3 PERCENT (g)	81.1%	93.7%	94.7%	95.5%
TERMINAL (d)	26/30 (87%)	33/33 (100%)	29/29 (100%)	27/27 (100%)
FIRST INCIDENCE	540	386	597	503
HC TUMORS SAME ROUTE	57/98 (58%)			
HC TUMORS ALL ROUTES	444/1195 (37%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.013*	P=0.043*	P=0.030*	P=0.017*
POLY 1.5	P=0.010**	P=0.043*	P=0.028*	P=0.012*
POLY 6	P=0.024*	P=0.054	P=0.048*	P=0.032*
COCH-ARM / FISHERS	P=0.015*	P=0.056	P=0.062	P=0.014*
MAX-ISO-POLY-3	P=0.004**	P=0.021*	P=0.013*	P=0.008**
HISTCONT SAME RTE	P=0.084	P=0.117	P=0.115	P=0.104
HISTCONT ALL RTES	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.348			
CURR VS HC ALL RTES	P<0.001**			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	36/49 (73%)	44/50 (88%)	43/49 (88%)	46/50 (92%)
POLY-3 RATE (b)	36/44.37	44/46.99	43/45.43	46/48.16
POLY-3 PERCENT (g)	81.1%	93.7%	94.7%	95.5%
TERMINAL (d)	26/30 (87%)	33/33 (100%)	29/29 (100%)	27/27 (100%)
FIRST INCIDENCE	540	386	597	503
HC TUMORS SAME ROUTE	57/98 (58%)			
HC TUMORS ALL ROUTES	444/1195 (37%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.013*	P=0.043*	P=0.030*	P=0.017*
POLY 1.5	P=0.010**	P=0.043*	P=0.028*	P=0.012*
POLY 6	P=0.024*	P=0.054	P=0.048*	P=0.032*
COCH-ARM / FISHERS	P=0.015*	P=0.056	P=0.062	P=0.014*
MAX-ISO-POLY-3	P=0.004**	P=0.021*	P=0.013*	P=0.008**
HISTCONT SAME RTE	P=0.084	P=0.117	P=0.115	P=0.104
HISTCONT ALL RTES	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.348			
CURR VS HC ALL RTES	P<0.001**			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Liver</b>				
<b>Hepatocholangiocarcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/42.11	0/43.24	0/42.94	1/42.31
POLY-3 PERCENT (g)	0%	0%	0%	2.4%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	1/27 (4%)
FIRST INCIDENCE	---	---	---	729 (T)
HC TUMORS SAME ROUTE	0/98 (0%)			
HC TUMORS ALL ROUTES	0/1195 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Lung</b>				
<b>Alveolar/Bronchiolar Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	1/48 (2%)	2/48 (4%)
POLY-3 RATE (b)	3/42.40	2/43.24	1/42.21	2/41.53
POLY-3 PERCENT (g)	7.1%	4.6%	2.4%	4.8%
TERMINAL (d)	3/30 (10%)	2/33 (6%)	0/29 (0%)	1/27 (4%)
FIRST INCIDENCE	729 (T)	729 (T)	687	614
HC TUMORS SAME ROUTE	6/100 (6%)			
HC TUMORS ALL ROUTES	60/1196 (5%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.418N	P=0.491N	P=0.306N	P=0.509N
POLY 1.5	P=0.420N	P=0.496N	P=0.315N	P=0.513N
POLY 6	P=0.416N	P=0.483N	P=0.295N	P=0.508N
COCH-ARM / FISHERS	P=0.423N	P=0.500N	P=0.324N	P=0.520N
MAX-ISO-POLY-3	P=0.368N	P=0.317N	P=0.157N	P=0.332N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.914			
CURR VS HC ALL RTEs	P=0.691			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Lung</b>				
<b>Alveolar/Bronchiolar Carcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/48 (2%)	5/48 (10%)
POLY-3 RATE (b)	2/42.89	3/44.27	1/42.17	5/41.80
POLY-3 PERCENT (g)	4.7%	6.8%	2.4%	12%
TERMINAL (d)	1/30 (3%)	0/33 (0%)	0/29 (0%)	4/27 (15%)
FIRST INCIDENCE	584	549	698	503
HC TUMORS SAME ROUTE	9/100 (9%)			
HC TUMORS ALL ROUTES	44/1196 (4%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.146	P=0.514	P=0.506N	P=0.205
POLY 1.5	P=0.146	P=0.507	P=0.512N	P=0.204
POLY 6	P=0.144	P=0.526	P=0.498N	P=0.202
COCH-ARM / FISHERS	P=0.145	P=0.500	P=0.515N	P=0.201
MAX-ISO-POLY-3	P=0.136	P=0.339	P=0.286N	P=0.111
HISTCONT SAME RTE	P=0.416	P=1.000	P=1.000	P=0.473
HISTCONT ALL RTES	P=0.043*	P=0.282	P=1.000	P=0.012*
CURR VS HC SAME RTE	P=0.445			
CURR VS HC ALL RTES	P=0.857			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Lung</b>				
<b>Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	5/50 (10%)	5/50 (10%)	2/48 (4%)	7/48 (15%)
POLY-3 RATE (b)	5/42.89	5/44.27	2/42.33	7/42.21
POLY-3 PERCENT (g)	11.7%	11.3%	4.7%	16.6%
TERMINAL (d)	4/30 (13%)	2/33 (6%)	0/29 (0%)	5/27 (19%)
FIRST INCIDENCE	584	549	687	503
HC TUMORS SAME ROUTE	13/100 (13%)			
HC TUMORS ALL ROUTES	100/1196 (8%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.305	P=0.611N	P=0.220N	P=0.367
POLY 1.5	P=0.303	P=0.621N	P=0.229N	P=0.361
POLY 6	P=0.304	P=0.595N	P=0.209N	P=0.368
COCH-ARM / FISHERS	P=0.298	P=0.630N	P=0.235N	P=0.351
MAX-ISO-POLY-3	P=0.229	P=0.478N	P=0.123N	P=0.258
HISTCONT SAME RTE	P=0.503	P=1.000	P=1.000	P=0.473
HISTCONT ALL RTES	P=0.146	P=0.401	P=1.000	P=0.050*
CURR VS HC SAME RTE	P=0.808			
CURR VS HC ALL RTES	P=0.612			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Ovary</b>				
<b>Cystadenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	3/50 (6%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/42.54	3/43.24	2/43.52	2/42.39
POLY-3 PERCENT (g)	2.4%	6.9%	4.6%	4.7%
TERMINAL (d)	0/30 (0%)	3/33 (9%)	1/29 (3%)	1/27 (4%)
FIRST INCIDENCE	694	729 (T)	721	710
HC TUMORS SAME ROUTE	4/99 (4%)			
HC TUMORS ALL ROUTES	55/1179 (5%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.498	P=0.311	P=0.508	P=0.499
POLY 1.5	P=0.500	P=0.308	P=0.502	P=0.500
POLY 6	P=0.490	P=0.315	P=0.514	P=0.494
COCH-ARM / FISHERS	P=0.500	P=0.309	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.409	P=0.160	P=0.289	P=0.279
HISTCONT SAME RTE	P=0.552	P=0.382	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.755	P=0.412	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.611			
CURR VS HC ALL RTES	P=0.428			



Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Ovary</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/42.40	1/43.24	2/43.65	0/42.31
POLY-3 PERCENT (g)	0%	2.3%	4.6%	0%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	1/29 (3%)	0/27 (0%)
FIRST INCIDENCE	---	729 (T)	687	---
HC TUMORS SAME ROUTE	0/99 (0%)			
HC TUMORS ALL ROUTES	4/1179 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.618N	P=0.504	P=0.243	(e)
POLY 1.5	P=0.616N	P=0.502	P=0.239	(e)
POLY 6	P=0.624N	P=0.507	P=0.249	(e)
COCH-ARM / FISHERS	P=0.616N	P=0.500	P=0.247	(e)
MAX-ISO-POLY-3	P=0.338	P=0.163	P=0.082	(e)
HISTCONT SAME RTE	P=0.323	P=0.335	P=0.154	(e)
HISTCONT ALL RTEs	P=0.136	P=0.153	P<0.001**	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.596			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Pituitary Gland: Pars Distalis or Unspecified Site Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/49 (4%)	1/49 (2%)	3/46 (7%)	0/48 (0%)
POLY-3 RATE (b)	2/41.42	1/42.90	3/39.90	0/41.07
POLY-3 PERCENT (g)	4.8%	2.3%	7.5%	0%
TERMINAL (d)	2/30 (7%)	1/33 (3%)	3/29 (10%)	0/27 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
HC TUMORS SAME ROUTE	7/98 (7%)			
HC TUMORS ALL ROUTES	76/1175 (7%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.251N	P=0.488N	P=0.483	P=0.239N
POLY 1.5	P=0.250N	P=0.494N	P=0.474	P=0.240N
POLY 6	P=0.255N	P=0.479N	P=0.495	P=0.239N
COCH-ARM / FISHERS	P=0.251N	P=0.500N	P=0.470	P=0.253N
MAX-ISO-POLY-3	P=0.195N	P=0.273N	P=0.308	P=0.077N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.519			
CURR VS HC ALL RTEs	P=0.587			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.40	0/43.24	0/43.48	2/42.39
POLY-3 PERCENT (g)	0%	0%	0%	4.7%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	1/27 (4%)
FIRST INCIDENCE	---	---	---	710
HC TUMORS SAME ROUTE	0/100 (0%)			
HC TUMORS ALL ROUTES	7/1198 (1%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.045*	(e)	(e)	P=0.237
POLY 1.5	P=0.045*	(e)	(e)	P=0.237
POLY 6	P=0.044*	(e)	(e)	P=0.234
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.032*	(e)	(e)	P=0.076
HISTCONT SAME RTE	P=0.064	(e)	(e)	P=0.153
HISTCONT ALL RTEs	P=0.005**	(e)	(e)	P=0.002**
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.647			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	4/50 (8%)	1/50 (2%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	4/43.69	1/43.47	4/44.55	4/42.77
POLY-3 PERCENT (g)	9.2%	2.3%	9%	9.4%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	1/27 (4%)
FIRST INCIDENCE	576	666	597	662
HC TUMORS SAME ROUTE	4/100 (4%)			
HC TUMORS ALL ROUTES	62/1198 (5%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.394	P=0.180N	P=0.633N	P=0.632
POLY 1.5	P=0.400	P=0.180N	P=0.641N	P=0.638
POLY 6	P=0.382	P=0.179N	P=0.623N	P=0.619
COCH-ARM / FISHERS	P=0.404	P=0.181N	P=0.643N	P=0.643N
MAX-ISO-POLY-3	P=0.426	P=0.085N	P=0.488N	P=0.487
HISTCONT SAME RTE	P=0.104	P=1.000	P=0.152	P=0.147
HISTCONT ALL RTES	P=0.238	P=1.000	P=0.232	P=0.210
CURR VS HC SAME RTE	P=0.221			
CURR VS HC ALL RTES	P=0.351			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	4/50 (8%)	1/50 (2%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	4/43.69	1/43.47	4/44.55	4/42.77
POLY-3 PERCENT (g)	9.2%	2.3%	9%	9.4%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	1/27 (4%)
FIRST INCIDENCE	576	666	597	662
HC TUMORS SAME ROUTE	4/100 (4%)			
HC TUMORS ALL ROUTES	62/1198 (5%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.394	P=0.180N	P=0.633N	P=0.632
POLY 1.5	P=0.400	P=0.180N	P=0.641N	P=0.638
POLY 6	P=0.382	P=0.179N	P=0.623N	P=0.619
COCH-ARM / FISHERS	P=0.404	P=0.181N	P=0.643N	P=0.643N
MAX-ISO-POLY-3	P=0.426	P=0.085N	P=0.488N	P=0.487
HISTCONT SAME RTE	P=0.104	P=1.000	P=0.152	P=0.147
HISTCONT ALL RTES	P=0.238	P=1.000	P=0.232	P=0.210
CURR VS HC SAME RTE	P=0.221			
CURR VS HC ALL RTES	P=0.351			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
<b>Fibrous Histiocytoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	3/50 (6%)	1/50 (2%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	3/43.18	1/43.47	2/43.94	4/42.77
POLY-3 PERCENT (g)	7%	2.3%	4.6%	9.4%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	1/27 (4%)
FIRST INCIDENCE	604	666	666	662
HC TUMORS SAME ROUTE	0/100 (0%)			
HC TUMORS ALL ROUTES	4/1198 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.287	P=0.303N	P=0.492N	P=0.495
POLY 1.5	P=0.290	P=0.305N	P=0.499N	P=0.498
POLY 6	P=0.280	P=0.300N	P=0.485N	P=0.485
COCH-ARM / FISHERS	P=0.292	P=0.309N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.282	P=0.153N	P=0.318N	P=0.343
HISTCONT SAME RTE	P=0.032*	P=0.335	P=0.153	P=0.089
HISTCONT ALL RTES	P<0.001**	P=0.143	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.002**			
CURR VS HC ALL RTES	P<0.001**			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
<b>Schwannoma Malignant</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	5/50 (10%)
POLY-3 RATE (b)	3/42.53	0/43.24	1/43.71	5/43.82
POLY-3 PERCENT (g)	7.1%	0%	2.3%	11.4%
TERMINAL (d)	1/30 (3%)	0/33 (0%)	0/29 (0%)	1/27 (4%)
FIRST INCIDENCE	701	---	669	534
HC TUMORS SAME ROUTE	0/100 (0%)			
HC TUMORS ALL ROUTES	11/1198 (1%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.113	P=0.115N	P=0.295N	P=0.372
POLY 1.5	P=0.112	P=0.117N	P=0.302N	P=0.367
POLY 6	P=0.112	P=0.113N	P=0.287N	P=0.376
COCH-ARM / FISHERS	P=0.113	P=0.121N	P=0.309N	P=0.357
MAX-ISO-POLY-3	P=0.065	P=0.038N*	P=0.150N	P=0.247
HISTCONT SAME RTE	P=0.037*	(e)	P=0.335	P=0.078
HISTCONT ALL RTEs	P<0.001**	P=1.000	P=0.473	P<0.001**
CURR VS HC SAME RTE	P=0.003**			
CURR VS HC ALL RTEs	P<0.001**			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Skin</b>				
<b>Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.40	0/43.24	0/43.48	2/42.39
POLY-3 PERCENT (g)	0%	0%	0%	4.7%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	1/27 (4%)
FIRST INCIDENCE	---	---	---	710
HC TUMORS SAME ROUTE	0/100 (0%)			
HC TUMORS ALL ROUTES	2/1198 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.045*	(e)	(e)	P=0.237
POLY 1.5	P=0.045*	(e)	(e)	P=0.237
POLY 6	P=0.044*	(e)	(e)	P=0.234
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.032*	(e)	(e)	P=0.076
HISTCONT SAME RTE	P=0.064	(e)	(e)	P=0.153
HISTCONT ALL RTES	P<0.001**	(e)	(e)	P<0.001**
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.588			



Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Spleen</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/49 (0%)	2/50 (4%)	1/50 (2%)	0/48 (0%)
POLY-3 RATE (b)	0/42.11	2/43.35	1/43.52	0/41.13
POLY-3 PERCENT (g)	0%	4.6%	2.3%	0%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	0/29 (0%)	0/27 (0%)
FIRST INCIDENCE	---	701	721	---
HC TUMORS SAME ROUTE	2/94 (2%)			
HC TUMORS ALL ROUTES	22/1181 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.467N	P=0.243	P=0.507	(e)
POLY 1.5	P=0.467N	P=0.242	P=0.504	(e)
POLY 6	P=0.468N	P=0.247	P=0.510	(e)
COCH-ARM / FISHERS	P=0.467N	P=0.253	P=0.505	(e)
MAX-ISO-POLY-3	P=0.341	P=0.081	P=0.165	(e)
HISTCONT SAME RTE	P=0.741	P=0.327	P=1.000	(e)
HISTCONT ALL RTES	P=0.737	P=0.233	P=1.000	(e)
CURR VS HC SAME RTE	P=0.313			
CURR VS HC ALL RTES	P=0.423			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Stomach, Forestomach Squamous Cell Papilloma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/42.42	0/43.24	0/43.48	2/42.31
POLY-3 PERCENT (g)	2.4%	0%	0%	4.7%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	2/27 (7%)
FIRST INCIDENCE	726	---	---	729 (T)
HC TUMORS SAME ROUTE	1/100 (1%)			
HC TUMORS ALL ROUTES	22/1198 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.243	P=0.496N	P=0.495N	P=0.499
POLY 1.5	P=0.245	P=0.498N	P=0.499N	P=0.500
POLY 6	P=0.240	P=0.493N	P=0.491N	P=0.494
COCH-ARM / FISHERS	P=0.246	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.133	P=0.158N	P=0.158N	P=0.280
HISTCONT SAME RTE	P=0.102	P=1.000	P=1.000	P=0.230
HISTCONT ALL RTES	P=0.173	P=1.000	P=1.000	P=0.165
CURR VS HC SAME RTE	P=0.616			
CURR VS HC ALL RTES	P=0.892			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Uterus</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/42.75	0/43.24	2/43.48	0/42.31
POLY-3 PERCENT (g)	2.3%	0%	4.6%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	2/29 (7%)	0/27 (0%)
FIRST INCIDENCE	634	---	729 (T)	---
HC TUMORS SAME ROUTE	0/100 (0%)			
HC TUMORS ALL ROUTES	2/1198 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.466N	P=0.498N	P=0.506	P=0.502N
POLY 1.5	P=0.463N	P=0.499N	P=0.501	P=0.501N
POLY 6	P=0.474N	P=0.496N	P=0.511	P=0.506N
COCH-ARM / FISHERS	P=0.461N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.336N	P=0.158N	P=0.287	P=0.161N
HISTCONT SAME RTE	P=0.319	(e)	P=0.153	(e)
HISTCONT ALL RTES	P=0.062	P=1.000	P<0.001**	P=1.000
CURR VS HC SAME RTE	P=0.035*			
CURR VS HC ALL RTES	P=0.009**			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Uterus</b>				
<b>Polyp Stromal</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	4/50 (8%)	3/50 (6%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	4/42.48	3/43.24	1/43.48	1/42.72
POLY-3 PERCENT (g)	9.4%	6.9%	2.3%	2.3%
TERMINAL (d)	2/30 (7%)	3/33 (9%)	1/29 (3%)	0/27 (0%)
FIRST INCIDENCE	712	729 (T)	729 (T)	614
HC TUMORS SAME ROUTE	3/100 (3%)			
HC TUMORS ALL ROUTES	24/1198 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.091N	P=0.490N	P=0.171N	P=0.176N
POLY 1.5	P=0.092N	P=0.496N	P=0.177N	P=0.177N
POLY 6	P=0.092N	P=0.482N	P=0.165N	P=0.178N
COCH-ARM / FISHERS	P=0.092N	P=0.500N	P=0.181N	P=0.181N
MAX-ISO-POLY-3	P=0.113N	P=0.339N	P=0.081N	P=0.082N
HISTCONT SAME RTE	P=0.653	P=0.223	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.468	P=0.036*	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.122			
CURR VS HC ALL RTES	P=0.004**			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>Uterus</b>				
<b>Sarcoma Stromal or Polyp Stromal</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	4/50 (8%)	3/50 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	4/42.48	3/43.24	2/43.48	1/42.72
POLY-3 PERCENT (g)	9.4%	6.9%	4.6%	2.3%
TERMINAL (d)	2/30 (7%)	3/33 (9%)	2/29 (7%)	0/27 (0%)
FIRST INCIDENCE	712	729 (T)	729 (T)	614
HC TUMORS SAME ROUTE	3/100 (3%)			
HC TUMORS ALL ROUTES	26/1198 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.113N	P=0.490N	P=0.326N	P=0.176N
POLY 1.5	P=0.113N	P=0.496N	P=0.334N	P=0.177N
POLY 6	P=0.114N	P=0.482N	P=0.317N	P=0.178N
COCH-ARM / FISHERS	P=0.114N	P=0.500N	P=0.339N	P=0.181N
MAX-ISO-POLY-3	P=0.132N	P=0.339N	P=0.194N	P=0.082N
HISTCONT SAME RTE	P=0.483	P=0.223	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.365	P=0.043*	P=0.294	P=1.000
CURR VS HC SAME RTE	P=0.122			
CURR VS HC ALL RTES	P=0.007**			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	6/50 (12%)	8/50 (16%)	12/50 (24%)	9/50 (18%)
POLY-3 RATE (b)	6/43.60	8/43.61	12/44.68	9/43.00
POLY-3 PERCENT (g)	13.8%	18.4%	26.9%	20.9%
TERMINAL (d)	3/30 (10%)	6/33 (18%)	7/29 (24%)	6/27 (22%)
FIRST INCIDENCE	596	659	575	660
HC TUMORS SAME ROUTE	5/100 (5%)			
HC TUMORS ALL ROUTES	54/1198 (5%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.219	P=0.386	P=0.101	P=0.275
POLY 1.5	P=0.227	P=0.385	P=0.096	P=0.282
POLY 6	P=0.202	P=0.388	P=0.108	P=0.260
COCH-ARM / FISHERS	P=0.235	P=0.387	P=0.096	P=0.288
MAX-ISO-POLY-3	P=0.191	P=0.281	P=0.064	P=0.190
HISTCONT SAME RTE	P=0.077	P=0.080	P=0.061	P=0.074
HISTCONT ALL RTES	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.076			
CURR VS HC ALL RTES	P=0.014*			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Hemangiosarcoma or Hemangioma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	6/50 (12%)	8/50 (16%)	12/50 (24%)	10/50 (20%)
POLY-3 RATE (b)	6/43.60	8/43.61	12/44.68	10/43.00
POLY-3 PERCENT (g)	13.8%	18.4%	26.9%	23.3%
TERMINAL (d)	3/30 (10%)	6/33 (18%)	7/29 (24%)	7/27 (26%)
FIRST INCIDENCE	596	659	575	660
HC TUMORS SAME ROUTE	6/100 (6%)			
HC TUMORS ALL ROUTES	65/1198 (5%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.146	P=0.386	P=0.101	P=0.193
POLY 1.5	P=0.153	P=0.385	P=0.096	P=0.200
POLY 6	P=0.132	P=0.388	P=0.108	P=0.180
COCH-ARM / FISHERS	P=0.160	P=0.387	P=0.096	P=0.207
MAX-ISO-POLY-3	P=0.154	P=0.281	P=0.064	P=0.128
HISTCONT SAME RTE	P=0.057	P=0.082	P=0.062	P=0.070
HISTCONT ALL RTES	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.119			
CURR VS HC ALL RTES	P=0.042*			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Histiocytic Sarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/42.98	3/43.70	1/43.67	3/42.96
POLY-3 PERCENT (g)	4.7%	6.9%	2.3%	7%
TERMINAL (d)	1/30 (3%)	1/33 (3%)	0/29 (0%)	0/27 (0%)
FIRST INCIDENCE	549	666	682	636
HC TUMORS SAME ROUTE	3/100 (3%)			
HC TUMORS ALL ROUTES	30/1198 (3%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.476	P=0.508	P=0.494N	P=0.500
POLY 1.5	P=0.477	P=0.503	P=0.499N	P=0.500
POLY 6	P=0.473	P=0.516	P=0.489N	P=0.497
COCH-ARM / FISHERS	P=0.477	P=0.500	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.496	P=0.331	P=0.277N	P=0.323
HISTCONT SAME RTE	P=0.187	P=0.228	P=1.000	P=0.223
HISTCONT ALL RTES	P=0.053	P=0.049*	P=1.000	P=0.046*
CURR VS HC SAME RTE	P=0.689			
CURR VS HC ALL RTES	P=0.480			



Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	6/50 (12%)	3/50 (6%)	6/50 (12%)	10/50 (20%)
POLY-3 RATE (b)	6/43.53	3/43.24	6/43.65	10/44.26
POLY-3 PERCENT (g)	13.8%	6.9%	13.8%	22.6%
TERMINAL (d)	4/30 (13%)	3/33 (9%)	3/29 (10%)	5/27 (19%)
FIRST INCIDENCE	544	729 (T)	701	265
HC TUMORS SAME ROUTE	21/100 (21%)			
HC TUMORS ALL ROUTES	250/1198 (21%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.071	P=0.244N	P=0.619N	P=0.213
POLY 1.5	P=0.071	P=0.245N	P=0.617	P=0.214
POLY 6	P=0.068	P=0.242N	P=0.613N	P=0.208
COCH-ARM / FISHERS	P=0.069	P=0.243N	P=0.620N	P=0.207
MAX-ISO-POLY-3	P=0.079	P=0.148N	P=0.497N	P=0.143
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.350			
CURR VS HC ALL RTES	P=0.177			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Mesothelioma: Benign, Malignant, NOS</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.40	0/43.24	0/43.48	0/42.31
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/100 (0%)			
HC TUMORS ALL ROUTES	0/1198 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Mesothelioma: Malignant</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.40	0/43.24	0/43.48	0/42.31
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/100 (0%)			
HC TUMORS ALL ROUTES	0/1198 (0%)			
<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)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Osteosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.40	2/44.01	0/43.48	0/42.31
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	0/27 (0%)
FIRST INCIDENCE	---	559	---	---
HC TUMORS SAME ROUTE	2/100 (2%)			
HC TUMORS ALL ROUTES	8/1198 (1%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.398N	P=0.245	(e)	(e)
POLY 1.5	P=0.401N	P=0.241	(e)	(e)
POLY 6	P=0.395N	P=0.252	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.259N	P=0.084	(e)	(e)
HISTCONT SAME RTE	P=1.000	P=0.403	(e)	(e)
HISTCONT ALL RTES	P=0.541	P=0.013*	(e)	(e)
CURR VS HC SAME RTE	P=0.396			
CURR VS HC ALL RTES	P=0.671			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Osteosarcoma or Osteoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/43.00	2/44.01	0/43.48	1/42.31
POLY-3 PERCENT (g)	2.3%	4.5%	0%	2.4%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/29 (0%)	1/27 (4%)
FIRST INCIDENCE	540	559	---	729 (T)
HC TUMORS SAME ROUTE	3/100 (3%)			
HC TUMORS ALL ROUTES	9/1198 (1%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.501N	P=0.508	P=0.498N	P=0.757
POLY 1.5	P=0.501N	P=0.504	P=0.500N	P=0.759
POLY 6	P=0.503N	P=0.515	P=0.495N	P=0.753
COCH-ARM / FISHERS	P=0.500N	P=0.500	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.397N	P=0.289	P=0.158N	P=0.495
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.323	P=0.017*	P=1.000	P=0.393
CURR VS HC SAME RTE	P=0.790			
CURR VS HC ALL RTES	P=0.325			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	36/50 (72%)	43/50 (86%)	43/50 (86%)	44/50 (88%)
POLY-3 RATE (b)	36/44.23	43/46.99	43/46.49	44/47.34
POLY-3 PERCENT (g)	81.4%	91.5%	92.5%	93%
TERMINAL (d)	27/30 (90%)	32/33 (97%)	28/29 (97%)	27/27 (100%)
FIRST INCIDENCE	540	386	575	503
HC TUMORS SAME ROUTE	67/100 (67%)			
HC TUMORS ALL ROUTES	628/1198 (52%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.058	P=0.101	P=0.074	P=0.057
POLY 1.5	P=0.043*	P=0.076	P=0.051	P=0.043*
POLY 6	P=0.090	P=0.173	P=0.156	P=0.092
COCH-ARM / FISHERS	P=0.043*	P=0.070	P=0.070	P=0.039*
MAX-ISO-POLY-3	P=0.033*	P=0.056	P=0.039*	P=0.030*
HISTCONT SAME RTE	P=0.107	P=0.137	P=0.130	P=0.123
HISTCONT ALL RTES	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.445			
CURR VS HC ALL RTES	P<0.001**			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Malignant Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	31/50 (62%)	33/50 (66%)	38/50 (76%)	45/50 (90%)
POLY-3 RATE (b)	31/47.75	33/46.72	38/46.78	45/48.47
POLY-3 PERCENT (g)	64.9%	70.6%	81.2%	92.9%
TERMINAL (d)	14/30 (47%)	22/33 (67%)	21/29 (72%)	25/27 (93%)
FIRST INCIDENCE	544	509	575	265
HC TUMORS SAME ROUTE	51/100 (51%)			
HC TUMORS ALL ROUTES	581/1198 (49%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.353	P=0.056	P<0.001**
POLY 1.5	P<0.001**	P=0.374	P=0.060	P<0.001**
POLY 6	P<0.001**	P=0.332	P=0.056	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.418	P=0.097	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.277	P=0.036*	P<0.001**
HISTCONT SAME RTE	P=0.021*	P=0.111	P=0.071	P=0.049*
HISTCONT ALL RTES	P<0.001**	P=0.056	P=0.008**	P<0.001**
CURR VS HC SAME RTE	P=0.281			
CURR VS HC ALL RTES	P=0.063			

Experiment Number: 96014 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Water disinfection byproducts (Bromodichloroacetic acid)  
 CAS Number: 71133-14-7

Date Report Requested: 01/12/2012  
 Time Report Requested: 13:25:53  
 First Dose M/F: 09/26/06 / 09/25/06  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>All Organs</b>				
<b>Malignant and Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	45/50 (90%)	47/50 (94%)	46/50 (92%)	49/50 (98%)
POLY-3 RATE (b)	45/48.35	47/48.03	46/46.78	49/49.45
POLY-3 PERCENT (g)	93.1%	97.9%	98.3%	99.1%
TERMINAL (d)	27/30 (90%)	33/33 (100%)	29/29 (100%)	27/27 (100%)
FIRST INCIDENCE	540	386	575	265
HC TUMORS SAME ROUTE	79/100 (79%)			
HC TUMORS ALL ROUTES	906/1198 (76%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.070	P=0.247	P=0.205	P=0.137
POLY 1.5	P=0.076	P=0.281	P=0.268	P=0.130
POLY 6	P=0.055	P=0.217	P=0.163	P=0.130
COCH-ARM / FISHERS	P=0.095	P=0.357	P=0.500	P=0.102
MAX-ISO-POLY-3	P=0.033*	P=0.114	P=0.088	P=0.050*
HISTCONT SAME RTE	P=0.083	P=0.115	P=0.112	P=0.103
HISTCONT ALL RTES	P=0.004**	P=0.021*	P=0.021*	P=0.013*
CURR VS HC SAME RTE	P=0.202			
CURR VS HC ALL RTES	P=0.016*			



Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
Water disinfection byproducts (Bromodichloroacetic acid)

**CAS Number: 71133-14-7**

**Date Report Requested: 01/12/2012**

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**First Dose M/F: 09/26/06 / 09/25/06**

**Lab: BAT**

## 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.
- (h) Historical Controls statistic is not calculated when the HC Poly-3 rate is higher than the Poly-3 rates for all dose groups.
- (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 \*\*\*