

**TDMS No.** 96015-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
**CAS Number:** 3252-43-5

**Date Report Reqsted:** 07/11/2006  
**Time Report Reqsted:** 7:44:54  
**First Dose M/F:** 08/22/01 / 08/22/01  
**Lab:** SRI

F1\_M3

**C Number:** C96015  
**Lock Date:** 04/30/2004  
**Cage Range:** 1 - 9999  
**Date Range:** 1-JAN-1940 to 17-SEP-2040  
**Reasons For Removal:** ALL  
**Removal Date Range:** JAN /1 /1940 - SEP /17 /2040  
**Treatment Groups:** Include 1 0 MG/L  
Include 4 50 MG/L  
Include 7 200 MG/L

Include 2 0 MG/L

Include 5 100 MG/L

Include 8 200 MG/L

Include 3 50 MG/L

Include 6 100 MG/L

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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  
Adrenal Medulla  
Bone Marrow  
Clitoral/Preputial Gland  
Islets, Pancreatic  
Kidney  
Liver  
Lung  
Ovary  
Pancreas  
Pituitary Gland  
Salivary Glands  
Spleen  
Testes  
Thyroid Gland

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

**MALE MICE**

<b><u>Organ</u></b>	<b><u>Morphology</u></b>
Liver	Hemangiosarcoma Hepatoblastoma Hepatocellular Adenoma Hepatocellular Carcinoma or Hepatocellular Adenoma Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma
Stomach, Forestomach	Ito Cell Tumor Malignant Squamous Cell Carcinoma Squamous Cell Carcinoma or Papilloma Squamous
All Organs	Squamous Cell Papilloma Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type Benign Tumors Malignant Tumors Malignant and Benign Tumors

**FEMALE MICE**

<b><u>Organ</u></b>	<b><u>Morphology</u></b>
Liver	Hepatocellular Carcinoma Hepatocellular Carcinoma or Hepatoblastoma Hepatocellular Carcinoma or Hepatocellular Adenoma Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma
Lung	Alveolar/Bronchiolar Carcinoma
Spleen	Hemangiosarcoma
Stomach, Forestomach	Squamous Cell Carcinoma or Papilloma Squamous Squamous Cell Papilloma
All Organs	Histiocytic Sarcoma Malignant Tumors Malignant and Benign Tumors

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Adrenal Cortex  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	6/50 (12%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	6/46.04	2/47.5	1/44.95	3/45.95
POLY-3 PERCENT (g)	13%	4.2%	2.2%	6.5%
TERMINAL (d)	6/40 (15%)	2/40 (5%)	1/35 (3%)	3/42 (7%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.200N	P=0.133N	P=0.081N	P=0.218N
POLY 3	P=0.217N	P=0.123N	P=0.060N	P=0.243N
POLY 1.5	P=0.216N	P=0.125N	P=0.057N	P=0.244N
POLY 6	P=0.219N	P=0.121N	P=0.063N	P=0.240N
LOGISTIC REGRESSION	P=0.200N	P=0.133N	P=0.081N	P=0.218N
COCH-ARM / FISHERS	P=0.210N	P=0.134N	P=0.056N	P=0.243N
ORDER RESTRICTED	P=0.066N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.070N	(e)	(e)	(e)

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 Species/Strain: MICE/B6C3F1

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Adrenal Medulla**  
**Pheochromocytoma Benign**

**TUMOR RATES**

OVERALL (a)	1/49 (2%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.04	0/46.67	1/44.95	0/45.95
POLY-3 PERCENT (g)	2.2%	0%	2.2%	0%
TERMINAL (d)	1/39 (3%)	0/40 (0%)	1/35 (3%)	0/42 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.396N	P=0.495N	P=0.738	P=0.485N
POLY 3	P=0.407N	P=0.493N	P=0.760	P=0.496N
POLY 1.5	P=0.406N	P=0.494N	P=0.758N	P=0.496N
POLY 6	P=0.407N	P=0.491N	P=0.756	P=0.495N
LOGISTIC REGRESSION	P=0.396N	(e)	P=0.738	(e)
COCH-ARM / FISHERS	P=0.400N	P=0.500N	P=0.747N	P=0.495N
ORDER RESTRICTED	P=0.247N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.254N	(e)	(e)	(e)

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Harderian Gland  
 Adenoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	5/50 (10%)	9/50 (18%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	5/46.04	9/48.03	4/45.86	5/46.06
POLY-3 PERCENT (g)	10.9%	18.7%	8.7%	10.9%
TERMINAL (d)	5/40 (13%)	6/40 (15%)	2/35 (6%)	4/42 (10%)
FIRST INCIDENCE	729 (T)	633	575	699

**STATISTICAL TESTS**

LIFE TABLE	P=0.357N	P=0.205	P=0.567N	P=0.601N
POLY 3	P=0.373N	P=0.217	P=0.503N	P=0.630N
POLY 1.5	P=0.373N	P=0.212	P=0.498N	P=0.629
POLY 6	P=0.370N	P=0.225	P=0.508N	P=0.625N
LOGISTIC REGRESSION	P=0.374N	P=0.210	P=0.500N	P=0.624N
COCH-ARM / FISHERS	P=0.368N	P=0.194	P=0.500N	P=0.630N
ORDER RESTRICTED	P=0.365N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.371N	(e)	(e)	(e)

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Harderian Gland  
 Carcinoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.04	2/47.5	1/44.95	0/45.95
POLY-3 PERCENT (g)	0%	4.2%	2.2%	0%
TERMINAL (d)	0/40 (0%)	2/40 (5%)	1/35 (3%)	0/42 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.452N	P=0.238	P=0.473	(e)
POLY 3	P=0.461N	P=0.244	P=0.495	(e)
POLY 1.5	P=0.461N	P=0.243	P=0.498	(e)
POLY 6	P=0.459N	P=0.245	P=0.491	(e)
LOGISTIC REGRESSION	(e)	P=0.238	P=0.473	(e)
COCH-ARM / FISHERS	P=0.461N	P=0.247	P=0.500	(e)
ORDER RESTRICTED	P=0.327	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.333	(e)	(e)	(e)

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Harderian Gland  
 Carcinoma or Adenoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	5/50 (10%)	11/50 (22%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	5/46.04	11/48.03	5/45.86	5/46.06
POLY-3 PERCENT (g)	10.9%	22.9%	10.9%	10.9%
TERMINAL (d)	5/40 (13%)	8/40 (20%)	3/35 (9%)	4/42 (10%)
FIRST INCIDENCE	729 (T)	633	575	699

**STATISTICAL TESTS**

LIFE TABLE	P=0.299N	P=0.094	P=0.558	P=0.601N
POLY 3	P=0.312N	P=0.099	P=0.628	P=0.630N
POLY 1.5	P=0.313N	P=0.096	P=0.628N	P=0.629
POLY 6	P=0.308N	P=0.104	P=0.623	P=0.625N
LOGISTIC REGRESSION	P=0.317N	P=0.097	P=0.629	P=0.624N
COCH-ARM / FISHERS	P=0.309N	P=0.086	P=0.630N	P=0.630N
ORDER RESTRICTED	P=0.313N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.319N	(e)	(e)	(e)



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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Intestine Small: Duodenum  
 Carcinoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.04	1/47.5	2/45.38	0/45.95
POLY-3 PERCENT (g)	0%	2.1%	4.4%	0%
TERMINAL (d)	0/40 (0%)	1/40 (3%)	1/35 (3%)	0/42 (0%)
FIRST INCIDENCE	---	729 (T)	602	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.611N	P=0.500	P=0.216	(e)
POLY 3	P=0.618N	P=0.506	P=0.234	(e)
POLY 1.5	P=0.619N	P=0.505	P=0.237	(e)
POLY 6	P=0.617N	P=0.507	P=0.231	(e)
LOGISTIC REGRESSION	P=0.612N	P=0.500	P=0.233	(e)
COCH-ARM / FISHERS	P=0.616N	P=0.500	P=0.247	(e)
ORDER RESTRICTED	P=0.322	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.329	(e)	(e)	(e)

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Intestine Small: Site Unspecified  
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	1/46.04	2/47.5	4/45.45	0/45.95
POLY-3 PERCENT (g)	2.2%	4.2%	8.8%	0%
TERMINAL (d)	1/40 (3%)	2/40 (5%)	2/35 (6%)	0/42 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	602	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.368N	P=0.500	P=0.151	P=0.490N
POLY 3	P=0.377N	P=0.511	P=0.175	P=0.500N
POLY 1.5	P=0.377N	P=0.509	P=0.178	P=0.501N
POLY 6	P=0.374N	P=0.513	P=0.171	P=0.499N
LOGISTIC REGRESSION	P=0.375N	P=0.500	P=0.179	(e)
COCH-ARM / FISHERS	P=0.373N	P=0.500	P=0.181	P=0.500N
ORDER RESTRICTED	P=0.158N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.164N	(e)	(e)	(e)

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Intestine Small: Site Unspecified  
 Carcinoma or Adenoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	5/50 (10%)	0/50 (0%)
POLY-3 RATE (b)	1/46.04	2/47.5	5/45.45	0/45.95
POLY-3 PERCENT (g)	2.2%	4.2%	11%	0%
TERMINAL (d)	1/40 (3%)	2/40 (5%)	3/35 (9%)	0/42 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	602	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.396N	P=0.500	P=0.083	P=0.490N
POLY 3	P=0.409N	P=0.511	P=0.098	P=0.500N
POLY 1.5	P=0.409N	P=0.509	P=0.101	P=0.501N
POLY 6	P=0.405N	P=0.513	P=0.095	P=0.499N
LOGISTIC REGRESSION	P=0.408N	P=0.500	P=0.102	(e)
COCH-ARM / FISHERS	P=0.404N	P=0.500	P=0.102	P=0.500N
ORDER RESTRICTED	P=0.133N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.137N	(e)	(e)	(e)

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Kidney: Renal Tubule  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	0/46.04	1/47.5	3/44.95	2/45.95
POLY-3 PERCENT (g)	0%	2.1%	6.7%	4.4%
TERMINAL (d)	0/40 (0%)	1/40 (3%)	3/35 (9%)	2/42 (5%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.177	P=0.500	P=0.098	P=0.249
POLY 3	P=0.160	P=0.506	P=0.114	P=0.237
POLY 1.5	P=0.160	P=0.505	P=0.117	P=0.237
POLY 6	P=0.161	P=0.507	P=0.111	P=0.238
LOGISTIC REGRESSION	(e)	P=0.500	P=0.098	P=0.249
COCH-ARM / FISHERS	P=0.163	P=0.500	P=0.121	P=0.247
ORDER RESTRICTED	P=0.104	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.109	(e)	(e)	(e)

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>Liver Hemangiosarcoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/46.04	1/47.5	0/44.95	3/46.6
POLY-3 PERCENT (g)	0%	2.1%	0%	6.4%
TERMINAL (d)	0/40 (0%)	1/40 (3%)	0/35 (0%)	1/42 (2%)
FIRST INCIDENCE	---	729 (T)	---	632
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.047*	P=0.500	(e)	P=0.126
POLY 3	P=0.043*	P=0.506	(e)	P=0.121
POLY 1.5	P=0.043*	P=0.505	(e)	P=0.120
POLY 6	P=0.043*	P=0.507	(e)	P=0.124
LOGISTIC REGRESSION	P=0.045*	P=0.500	(e)	P=0.121
COCH-ARM / FISHERS	P=0.044*	P=0.500	(e)	P=0.121
ORDER RESTRICTED	P=0.021*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.024*	(e)	(e)	(e)

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>Liver</b>				
<b>Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	7/50 (14%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/46.04	7/47.86	3/45.45	2/45.95
POLY-3 PERCENT (g)	2.2%	14.6%	6.6%	4.4%
TERMINAL (d)	1/40 (3%)	5/40 (13%)	1/35 (3%)	2/42 (5%)
FIRST INCIDENCE	729 (T)	633	651	729 (T)
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.434N	P=0.037*	P=0.277	P=0.517
POLY 3	P=0.443N	P=0.035*	P=0.301	P=0.499
POLY 1.5	P=0.444N	P=0.034*	P=0.305	P=0.499
POLY 6	P=0.440N	P=0.036*	P=0.296	P=0.501
LOGISTIC REGRESSION	P=0.447N	P=0.035*	P=0.305	P=0.517
COCH-ARM / FISHERS	P=0.442N	P=0.030*	P=0.309	P=0.500
ORDER RESTRICTED	P=0.173	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.180	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Liver  
 Hepatocellular Adenoma

**TUMOR RATES**

OVERALL (a)	29/50 (58%)	38/50 (76%)	35/50 (70%)	27/50 (54%)
POLY-3 RATE (b)	29/47.27	38/48.21	35/46.32	27/46.06
POLY-3 PERCENT (g)	61.4%	78.8%	75.6%	58.6%
TERMINAL (d)	26/40 (65%)	33/40 (83%)	30/35 (86%)	26/42 (62%)
FIRST INCIDENCE	605	633	575	699

**STATISTICAL TESTS**

LIFE TABLE	P=0.137N	P=0.054	P=0.028*	P=0.320N
POLY 3	P=0.248N	P=0.045*	P=0.097	P=0.476N
POLY 1.5	P=0.227N	P=0.049*	P=0.124	P=0.456N
POLY 6	P=0.271N	P=0.041*	P=0.070	P=0.497N
LOGISTIC REGRESSION	P=0.213N	P=0.064	P=0.095	P=0.418N
COCH-ARM / FISHERS	P=0.191N	P=0.044*	P=0.149	P=0.420N
ORDER RESTRICTED	P=0.115N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.124N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Liver  
 Hepatocellular Carcinoma

**TUMOR RATES**

OVERALL (a)	24/50 (48%)	24/50 (48%)	21/50 (42%)	29/50 (58%)
POLY-3 RATE (b)	24/48.88	24/49.2	21/47.24	29/47.28
POLY-3 PERCENT (g)	49.1%	48.8%	44.5%	61.3%
TERMINAL (d)	16/40 (40%)	16/40 (40%)	13/35 (37%)	26/42 (62%)
FIRST INCIDENCE	445	633	575	554

**STATISTICAL TESTS**

LIFE TABLE	P=0.247	P=0.542N	P=0.526N	P=0.296
POLY 3	P=0.129	P=0.567N	P=0.401N	P=0.158
POLY 1.5	P=0.144	P=0.560N	P=0.369N	P=0.175
POLY 6	P=0.112	P=0.570N	P=0.442N	P=0.141
LOGISTIC REGRESSION	P=0.176	P=0.562	P=0.344N	P=0.208
COCH-ARM / FISHERS	P=0.182	P=0.579N	P=0.344N	P=0.212
ORDER RESTRICTED	P=0.134	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.144	(e)	(e)	(e)



TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Liver  
 Hepatocellular Carcinoma or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	24/50 (48%)	29/50 (58%)	23/50 (46%)	29/50 (58%)
POLY-3 RATE (b)	24/48.88	29/49.22	23/47.74	29/47.28
POLY-3 PERCENT (g)	49.1%	58.9%	48.2%	61.3%
TERMINAL (d)	16/40 (40%)	20/40 (50%)	13/35 (37%)	26/42 (62%)
FIRST INCIDENCE	445	633	575	554

**STATISTICAL TESTS**

LIFE TABLE	P=0.344	P=0.276	P=0.472	P=0.296
POLY 3	P=0.204	P=0.220	P=0.545N	P=0.158
POLY 1.5	P=0.225	P=0.227	P=0.519N	P=0.175
POLY 6	P=0.182	P=0.218	P=0.572N	P=0.141
LOGISTIC REGRESSION	P=0.266	P=0.205	P=0.499N	P=0.208
COCH-ARM / FISHERS	P=0.275	P=0.212	P=0.500N	P=0.212
ORDER RESTRICTED	P=0.177	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.190	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Liver**  
**Hepatocellular Carcinoma or Hepatocellular Adenoma**

**TUMOR RATES**

OVERALL (a)	37/50 (74%)	45/50 (90%)	42/50 (84%)	42/50 (84%)
POLY-3 RATE (b)	37/48.88	45/49.22	42/47.47	42/47.4
POLY-3 PERCENT (g)	75.7%	91.4%	88.5%	88.6%
TERMINAL (d)	29/40 (73%)	36/40 (90%)	32/35 (91%)	38/42 (91%)
FIRST INCIDENCE	445	633	575	554

**STATISTICAL TESTS**

LIFE TABLE	P=0.389	P=0.111	P=0.057	P=0.314
POLY 3	P=0.096	P=0.031*	P=0.080	P=0.079
POLY 1.5	P=0.132	P=0.035*	P=0.116	P=0.100
POLY 6	P=0.065	P=0.029*	P=0.048*	P=0.061
LOGISTIC REGRESSION	P=0.175	P=0.048*	P=0.149	P=0.143
COCH-ARM / FISHERS	P=0.242	P=0.033*	P=0.163	P=0.163
ORDER RESTRICTED	P=0.029*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Liver  
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	37/50 (74%)	46/50 (92%)	43/50 (86%)	42/50 (84%)
POLY-3 RATE (b)	37/48.88	46/49.22	43/47.76	42/47.4
POLY-3 PERCENT (g)	75.7%	93.5%	90%	88.6%
TERMINAL (d)	29/40 (73%)	37/40 (93%)	32/35 (91%)	38/42 (91%)
FIRST INCIDENCE	445	633	575	554

**STATISTICAL TESTS**

LIFE TABLE	P=0.407	P=0.078	P=0.041*	P=0.314
POLY 3	P=0.102	P=0.013*	P=0.050*	P=0.079
POLY 1.5	P=0.140	P=0.016*	P=0.072	P=0.100
POLY 6	P=0.070	P=0.012*	P=0.032*	P=0.061
LOGISTIC REGRESSION	P=0.187	P=0.024*	P=0.096	P=0.143
COCH-ARM / FISHERS	P=0.257	P=0.016*	P=0.105	P=0.163
ORDER RESTRICTED	P=0.015*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.019*	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Liver  
 Ito Cell Tumor Malignant

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.04	0/47.5	0/44.95	0/45.95
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	2/40 (5%)	0/40 (0%)	0/35 (0%)	0/42 (0%)
FIRST INCIDENCE	729 (T)	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.117N	P=0.238N	P=0.268N	P=0.228N
POLY 3	P=0.117N	P=0.230N	P=0.243N	P=0.238N
POLY 1.5	P=0.116N	P=0.231N	P=0.239N	P=0.238N
POLY 6	P=0.118N	P=0.229N	P=0.247N	P=0.236N
LOGISTIC REGRESSION	P=0.117N	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.030N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.033N*	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>Lung</b>				
<b>Alveolar/Bronchiolar Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	6/50 (12%)	9/50 (18%)	5/50 (10%)	4/50 (8%)
POLY-3 RATE (b)	6/46.04	9/47.86	5/45.42	4/45.95
POLY-3 PERCENT (g)	13%	18.8%	11%	8.7%
TERMINAL (d)	6/40 (15%)	7/40 (18%)	4/35 (11%)	4/42 (10%)
FIRST INCIDENCE	729 (T)	633	590	729 (T)
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.179N	P=0.295	P=0.586N	P=0.338N
POLY 3	P=0.194N	P=0.316	P=0.510N	P=0.371N
POLY 1.5	P=0.194N	P=0.310	P=0.502N	P=0.372N
POLY 6	P=0.193N	P=0.323	P=0.520N	P=0.367N
LOGISTIC REGRESSION	P=0.196N	P=0.313	P=0.519N	P=0.338N
COCH-ARM / FISHERS	P=0.189N	P=0.288	P=0.500N	P=0.370N
ORDER RESTRICTED	P=0.239N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.243N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Lung**  
**Alveolar/Bronchiolar Carcinoma**

**TUMOR RATES**

OVERALL (a)	4/50 (8%)	8/50 (16%)	6/50 (12%)	2/50 (4%)
POLY-3 RATE (b)	4/46.22	8/47.72	6/45.46	2/46.25
POLY-3 PERCENT (g)	8.7%	16.8%	13.2%	4.3%
TERMINAL (d)	2/40 (5%)	7/40 (18%)	3/35 (9%)	1/42 (2%)
FIRST INCIDENCE	699	672	614	647

**STATISTICAL TESTS**

LIFE TABLE	P=0.171N	P=0.188	P=0.313	P=0.328N
POLY 3	P=0.171N	P=0.193	P=0.359	P=0.337N
POLY 1.5	P=0.172N	P=0.191	P=0.367	P=0.338N
POLY 6	P=0.168N	P=0.195	P=0.349	P=0.334N
LOGISTIC REGRESSION	P=0.174N	P=0.193	P=0.362	P=0.338N
COCH-ARM / FISHERS	P=0.169N	P=0.178	P=0.370	P=0.339N
ORDER RESTRICTED	P=0.141N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.146N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Lung**  
**Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma**

**TUMOR RATES**

OVERALL (a)	10/50 (20%)	15/50 (30%)	11/50 (22%)	6/50 (12%)
POLY-3 RATE (b)	10/46.22	15/48.08	11/45.92	6/46.25
POLY-3 PERCENT (g)	21.6%	31.2%	24%	13%
TERMINAL (d)	8/40 (20%)	12/40 (30%)	7/35 (20%)	5/42 (12%)
FIRST INCIDENCE	699	633	590	647

**STATISTICAL TESTS**

LIFE TABLE	P=0.089N	P=0.193	P=0.389	P=0.187N
POLY 3	P=0.089N	P=0.207	P=0.493	P=0.205N
POLY 1.5	P=0.090N	P=0.201	P=0.501	P=0.207N
POLY 6	P=0.087N	P=0.214	P=0.483	P=0.200N
LOGISTIC REGRESSION	P=0.093N	P=0.202	P=0.481	P=0.205N
COCH-ARM / FISHERS	P=0.089N	P=0.178	P=0.500	P=0.207N
ORDER RESTRICTED	P=0.090N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.093N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

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DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**Pituitary Gland: Pars Distalis or Unspecified Site  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.04	0/47.5	0/44.95	0/45.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/40 (0%)	0/35 (0%)	0/42 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
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 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

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DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**Skin**  
 Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma

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TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.04	0/47.5	0/44.95	0/45.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/40 (0%)	0/35 (0%)	0/42 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin**  
**Fibrosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.04	0/47.5	0/44.95	0/45.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/40 (0%)	0/35 (0%)	0/42 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin**  
**Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.04	0/47.5	0/44.95	0/45.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/40 (0%)	0/35 (0%)	0/42 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Spleen  
 Hemangiosarcoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/46.04	0/47.5	0/44.95	1/45.95
POLY-3 PERCENT (g)	2.2%	0%	0%	2.2%
TERMINAL (d)	1/40 (3%)	0/40 (0%)	0/35 (0%)	1/42 (2%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.600	P=0.500N	P=0.527N	P=0.751N
POLY 3	P=0.589	P=0.494N	P=0.505N	P=0.760
POLY 1.5	P=0.590	P=0.495N	P=0.502N	P=0.760
POLY 6	P=0.589	P=0.493N	P=0.509N	P=0.760N
LOGISTIC REGRESSION	P=0.600	(e)	(e)	P=0.751N
COCH-ARM / FISHERS	P=0.595	P=0.500N	P=0.500N	P=0.753N
ORDER RESTRICTED	P=0.399	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.404	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Stomach, Forestomach  
 Squamous Cell Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.04	0/47.5	0/44.95	2/46.25
POLY-3 PERCENT (g)	0%	0%	0%	4.3%
TERMINAL (d)	0/40 (0%)	0/40 (0%)	0/35 (0%)	1/42 (2%)
FIRST INCIDENCE	---	---	---	647

**STATISTICAL TESTS**

LIFE TABLE	P=0.049*	(e)	(e)	P=0.243
POLY 3	P=0.045*	(e)	(e)	P=0.238
POLY 1.5	P=0.045*	(e)	(e)	P=0.237
POLY 6	P=0.045*	(e)	(e)	P=0.240
LOGISTIC REGRESSION	P=0.047*	(e)	(e)	P=0.238
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
ORDER RESTRICTED	P=0.030*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.033*	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Stomach, Forestomach  
 Squamous Cell Carcinoma or Papilloma Squamous**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	5/50 (10%)
POLY-3 RATE (b)	0/46.04	1/48.29	0/44.95	5/46.37
POLY-3 PERCENT (g)	0%	2.1%	0%	10.8%
TERMINAL (d)	0/40 (0%)	0/40 (0%)	0/35 (0%)	3/42 (7%)
FIRST INCIDENCE	---	437	---	647

**STATISTICAL TESTS**

LIFE TABLE	P=0.005**	P=0.504	(e)	P=0.038*
POLY 3	P=0.003**	P=0.509	(e)	P=0.031*
POLY 1.5	P=0.003**	P=0.507	(e)	P=0.031*
POLY 6	P=0.003**	P=0.511	(e)	P=0.032*
LOGISTIC REGRESSION	P=0.005**	P=0.320	(e)	P=0.033*
COCH-ARM / FISHERS	P=0.004**	P=0.500	(e)	P=0.028*
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.002**	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Stomach, Forestomach  
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/46.04	1/48.29	0/44.95	3/46.06
POLY-3 PERCENT (g)	0%	2.1%	0%	6.5%
TERMINAL (d)	0/40 (0%)	0/40 (0%)	0/35 (0%)	2/42 (5%)
FIRST INCIDENCE	---	437	---	699

**STATISTICAL TESTS**

LIFE TABLE	P=0.048*	P=0.504	(e)	P=0.130
POLY 3	P=0.042*	P=0.509	(e)	P=0.119
POLY 1.5	P=0.042*	P=0.507	(e)	P=0.118
POLY 6	P=0.042*	P=0.511	(e)	P=0.120
LOGISTIC REGRESSION	P=0.049*	P=0.320	(e)	P=0.120
COCH-ARM / FISHERS	P=0.044*	P=0.500	(e)	P=0.121
ORDER RESTRICTED	P=0.021*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.023*	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Testes  
 Adenoma

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/46.04	0/47.5	1/44.95	2/46.51
POLY-3 PERCENT (g)	2.2%	0%	2.2%	4.3%
TERMINAL (d)	1/40 (3%)	0/40 (0%)	1/35 (3%)	1/42 (2%)
FIRST INCIDENCE	729 (T)	---	729 (T)	554

**STATISTICAL TESTS**

LIFE TABLE	P=0.258	P=0.500N	P=0.732	P=0.511
POLY 3	P=0.246	P=0.494N	P=0.755	P=0.503
POLY 1.5	P=0.245	P=0.495N	P=0.759	P=0.501
POLY 6	P=0.247	P=0.493N	P=0.751	P=0.507
LOGISTIC REGRESSION	P=0.251	(e)	P=0.732	P=0.502
COCH-ARM / FISHERS	P=0.247	P=0.500N	P=0.753N	P=0.500
ORDER RESTRICTED	P=0.226	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.233	(e)	(e)	(e)



TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Thyroid Gland: Follicular Cell Adenoma**

**TUMOR RATES**

OVERALL (a)	3/50 (6%)	4/50 (8%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	3/46.04	4/47.5	2/44.95	2/45.95
POLY-3 PERCENT (g)	6.5%	8.4%	4.5%	4.4%
TERMINAL (d)	3/40 (8%)	4/40 (10%)	2/35 (6%)	2/42 (5%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.305N	P=0.500	P=0.561N	P=0.478N
POLY 3	P=0.325N	P=0.517	P=0.511N	P=0.501N
POLY 1.5	P=0.324N	P=0.514	P=0.504N	P=0.502N
POLY 6	P=0.325N	P=0.520	P=0.520N	P=0.498N
LOGISTIC REGRESSION	P=0.305N	P=0.500	P=0.561N	P=0.478N
COCH-ARM / FISHERS	P=0.319N	P=0.500	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.419N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.424N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs**  
**Hemangiosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	4/50 (8%)
POLY-3 RATE (b)	1/46.04	3/47.6	0/44.95	4/46.6
POLY-3 PERCENT (g)	2.2%	6.3%	0%	8.6%
TERMINAL (d)	1/40 (3%)	2/40 (5%)	0/35 (0%)	2/42 (5%)
FIRST INCIDENCE	729 (T)	704	---	632

**STATISTICAL TESTS**

LIFE TABLE	P=0.175	P=0.311	P=0.527N	P=0.191
POLY 3	P=0.163	P=0.317	P=0.505N	P=0.182
POLY 1.5	P=0.163	P=0.315	P=0.502N	P=0.180
POLY 6	P=0.166	P=0.320	P=0.509N	P=0.187
LOGISTIC REGRESSION	P=0.164	P=0.318	(e)	P=0.180
COCH-ARM / FISHERS	P=0.165	P=0.309	P=0.500N	P=0.181
ORDER RESTRICTED	P=0.097	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.102	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs**  
**Hemangiosarcoma or Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/50 (2%)	5/50 (10%)
POLY-3 RATE (b)	2/46.04	3/47.6	1/44.95	5/46.6
POLY-3 PERCENT (g)	4.3%	6.3%	2.2%	10.7%
TERMINAL (d)	2/40 (5%)	2/40 (5%)	1/35 (3%)	3/42 (7%)
FIRST INCIDENCE	729 (T)	704	729 (T)	632

**STATISTICAL TESTS**

LIFE TABLE	P=0.173	P=0.504	P=0.547N	P=0.234
POLY 3	P=0.158	P=0.515	P=0.508N	P=0.221
POLY 1.5	P=0.158	P=0.512	P=0.503N	P=0.218
POLY 6	P=0.161	P=0.518	P=0.516N	P=0.227
LOGISTIC REGRESSION	P=0.156	P=0.517	P=0.547N	P=0.216
COCH-ARM / FISHERS	P=0.160	P=0.500	P=0.500N	P=0.218
ORDER RESTRICTED	P=0.149	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.156	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs**  
**Histiocytic Sarcoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.04	1/47.5	1/45.39	0/45.95
POLY-3 PERCENT (g)	0%	2.1%	2.2%	0%
TERMINAL (d)	0/40 (0%)	1/40 (3%)	0/35 (0%)	0/42 (0%)
FIRST INCIDENCE	---	729 (T)	601	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.593N	P=0.500	P=0.487	(e)
POLY 3	P=0.595N	P=0.506	P=0.497	(e)
POLY 1.5	P=0.595N	P=0.505	P=0.499	(e)
POLY 6	P=0.594N	P=0.507	P=0.494	(e)
LOGISTIC REGRESSION	P=0.587N	P=0.500	P=0.478	(e)
COCH-ARM / FISHERS	P=0.595N	P=0.500	P=0.500	(e)
ORDER RESTRICTED	P=0.402	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.407	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs**  
**Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	0/46.04	2/48.29	4/44.95	0/45.95
POLY-3 PERCENT (g)	0%	4.1%	8.9%	0%
TERMINAL (d)	0/40 (0%)	1/40 (3%)	4/35 (11%)	0/42 (0%)
FIRST INCIDENCE	---	437	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.545N	P=0.242	P=0.047*	(e)
POLY 3	P=0.561N	P=0.248	P=0.057	(e)
POLY 1.5	P=0.562N	P=0.246	P=0.059	(e)
POLY 6	P=0.558N	P=0.250	P=0.055	(e)
LOGISTIC REGRESSION	P=0.548N	P=0.150	P=0.047*	(e)
COCH-ARM / FISHERS	P=0.556N	P=0.247	P=0.059	(e)
ORDER RESTRICTED	P=0.178	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.185	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs**  
**Benign Tumors**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	32/50 (64%)	45/50 (90%)	39/50 (78%)	33/50 (66%)
POLY-3 RATE (b)	32/47.27	45/49.16	39/47.19	33/46.63
POLY-3 PERCENT (g)	67.7%	91.6%	82.6%	70.8%
TERMINAL (d)	29/40 (73%)	38/40 (95%)	32/35 (91%)	31/42 (74%)
FIRST INCIDENCE	605	437	575	554

**STATISTICAL TESTS**

LIFE TABLE	P=0.226N	P=0.005**	P=0.013*	P=0.547N
POLY 3	P=0.372N	P=0.002**	P=0.067	P=0.460
POLY 1.5	P=0.350N	P=0.002**	P=0.081	P=0.473
POLY 6	P=0.390N	P=0.002**	P=0.053	P=0.450
LOGISTIC REGRESSION	P=0.350N	P=0.003**	P=0.060	P=0.490
COCH-ARM / FISHERS	P=0.301N	P=0.002**	P=0.093	P=0.500
ORDER RESTRICTED	P=0.059	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.065	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>All Organs</b>				
<b>Malignant Tumors</b>				
<b>TUMOR RATES</b>				
	#	#	#	#
OVERALL (a)	29/50 (58%)	38/50 (76%)	29/50 (58%)	33/50 (66%)
POLY-3 RATE (b)	29/49	38/50	29/49.02	33/47.58
POLY-3 PERCENT (g)	59.2%	76%	59.2%	69.4%
TERMINAL (d)	20/40 (50%)	28/40 (70%)	16/35 (46%)	29/42 (69%)
FIRST INCIDENCE	445	437	575	554
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.508	P=0.110	P=0.375	P=0.374
POLY 3	P=0.350	P=0.057	P=0.580N	P=0.203
POLY 1.5	P=0.378	P=0.057	P=0.572N	P=0.223
POLY 6	P=0.324	P=0.057	P=0.579	P=0.185
LOGISTIC REGRESSION	P=0.442	P=0.042*	P=0.579N	P=0.262
COCH-ARM / FISHERS	P=0.450	P=0.044*	P=0.580N	P=0.268
ORDER RESTRICTED	P=0.232	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.241	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

---

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**All Organs**  
**Malignant and Benign Tumors**

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TUMOR RATES	#	#	#	#
OVERALL (a)	41/50 (82%)	49/50 (98%)	47/50 (94%)	44/50 (88%)
POLY-3 RATE (b)	41/49	49/50	47/49.04	44/47.7
POLY-3 PERCENT (g)	83.7%	98%	95.8%	92.3%
TERMINAL (d)	32/40 (80%)	39/40 (98%)	33/35 (94%)	39/42 (93%)
FIRST INCIDENCE	445	437	575	554

---

**STATISTICAL TESTS**

---

LIFE TABLE	P=0.526N	P=0.103	P=0.038*	P=0.475
POLY 3	P=0.188	P=0.015*	P=0.047*	P=0.161
POLY 1.5	P=0.242	P=0.015*	P=0.053	P=0.193
POLY 6	P=0.150	P=0.015*	P=0.046*	P=0.135
LOGISTIC REGRESSION	P=0.341	P=0.014*	P=0.060	P=0.256
COCH-ARM / FISHERS	P=0.419	P=0.008**	P=0.061	P=0.288
ORDER RESTRICTED	P=0.017*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.021*	(e)	(e)	(e)

---



TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
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 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Adrenal Cortex  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.69	1/42.41	0/46.37	1/49.44
POLY-3 PERCENT (g)	0%	2.4%	0%	2%
TERMINAL (d)	0/36 (0%)	1/36 (3%)	0/43 (0%)	1/47 (2%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.468	P=0.500	(e)	P=0.553
POLY 3	P=0.426	P=0.485	(e)	P=0.516
POLY 1.5	P=0.417	P=0.488	(e)	P=0.509
POLY 6	P=0.438	P=0.485	(e)	P=0.524
LOGISTIC REGRESSION	(e)	P=0.500	(e)	P=0.553
COCH-ARM / FISHERS	P=0.405	P=0.500	(e)	P=0.500
ORDER RESTRICTED	P=0.268	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.287	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
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 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Adrenal Medulla**  
**Pheochromocytoma Benign**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	2/49 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/45.69	2/41.67	1/46.37	1/49.44
POLY-3 PERCENT (g)	0%	4.8%	2.2%	2%
TERMINAL (d)	0/36 (0%)	1/35 (3%)	1/43 (2%)	1/47 (2%)
FIRST INCIDENCE	---	660	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.579	P=0.229	P=0.535	P=0.553
POLY 3	P=0.537	P=0.217	P=0.503	P=0.516
POLY 1.5	P=0.522	P=0.220	P=0.500	P=0.509
POLY 6	P=0.557	P=0.218	P=0.509	P=0.524
LOGISTIC REGRESSION	P=0.521	P=0.225	P=0.535	P=0.553
COCH-ARM / FISHERS	P=0.502	P=0.242	P=0.500	P=0.500
ORDER RESTRICTED	P=0.258	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.279	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>Harderian Gland Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	6/50 (12%)	4/50 (8%)	3/50 (6%)	6/50 (12%)
POLY-3 RATE (b)	6/46.37	4/42.41	3/46.37	6/49.44
POLY-3 PERCENT (g)	12.9%	9.4%	6.5%	12.1%
TERMINAL (d)	3/36 (8%)	4/36 (11%)	3/43 (7%)	6/47 (13%)
FIRST INCIDENCE	548	729 (T)	729 (T)	729 (T)
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.427N	P=0.385N	P=0.186N	P=0.452N
POLY 3	P=0.557N	P=0.427N	P=0.242N	P=0.575N
POLY 1.5	P=0.555	P=0.413N	P=0.247N	P=0.594N
POLY 6	P=0.534N	P=0.432N	P=0.232N	P=0.550N
LOGISTIC REGRESSION	P=0.542N	P=0.408N	P=0.243N	P=0.599
COCH-ARM / FISHERS	P=0.516	P=0.370N	P=0.243N	P=0.620N
ORDER RESTRICTED	P=0.445N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.460N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
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 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>Harderian Gland Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/46.18	1/42.41	1/46.37	0/49.44
POLY-3 PERCENT (g)	4.3%	2.4%	2.2%	0%
TERMINAL (d)	1/36 (3%)	1/36 (3%)	1/43 (2%)	0/47 (0%)
FIRST INCIDENCE	581	729 (T)	729 (T)	---
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.118N	P=0.508N	P=0.462N	P=0.202N
POLY 3	P=0.138N	P=0.530N	P=0.499N	P=0.222N
POLY 1.5	P=0.144N	P=0.523N	P=0.502N	P=0.229N
POLY 6	P=0.133N	P=0.532N	P=0.491N	P=0.215N
LOGISTIC REGRESSION	P=0.154N	P=0.491N	P=0.489N	P=0.402N
COCH-ARM / FISHERS	P=0.153N	P=0.500N	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.107N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.122N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
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 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Harderian Gland  
 Carcinoma or Adenoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	8/50 (16%)	5/50 (10%)	4/50 (8%)	6/50 (12%)
POLY-3 RATE (b)	8/46.86	5/42.41	4/46.37	6/49.44
POLY-3 PERCENT (g)	17.1%	11.8%	8.6%	12.1%
TERMINAL (d)	4/36 (11%)	5/36 (14%)	4/43 (9%)	6/47 (13%)
FIRST INCIDENCE	548	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.203N	P=0.295N	P=0.130N	P=0.235N
POLY 3	P=0.312N	P=0.343N	P=0.182N	P=0.346N
POLY 1.5	P=0.332N	P=0.325N	P=0.185N	P=0.363N
POLY 6	P=0.291N	P=0.353N	P=0.174N	P=0.325N
LOGISTIC REGRESSION	P=0.317N	P=0.305N	P=0.177N	P=0.498N
COCH-ARM / FISHERS	P=0.368N	P=0.277N	P=0.178N	P=0.387N
ORDER RESTRICTED	P=0.251N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.265N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

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

---

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**Intestine Small: Duodenum  
 Carcinoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.69	0/42.41	0/46.37	0/49.44
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/36 (0%)	0/43 (0%)	0/47 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

---

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Intestine Small: Site Unspecified  
 Carcinoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.69	0/42.41	1/46.37	0/49.44
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/36 (0%)	0/36 (0%)	1/43 (2%)	0/47 (0%)
FIRST INCIDENCE	---	---	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.728	(e)	P=0.535	(e)
POLY 3	P=0.733	(e)	P=0.503	(e)
POLY 1.5	P=0.719	(e)	P=0.500	(e)
POLY 6	P=0.749	(e)	P=0.509	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.535	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.384	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.401	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

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

---

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**Intestine Small: Site Unspecified  
 Carcinoma or Adenoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.69	0/42.41	2/46.37	0/49.44
POLY-3 PERCENT (g)	0%	0%	4.3%	0%
TERMINAL (d)	0/36 (0%)	0/36 (0%)	2/43 (5%)	0/47 (0%)
FIRST INCIDENCE	---	---	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.652	(e)	P=0.278	(e)
POLY 3	P=0.650	(e)	P=0.241	(e)
POLY 1.5	P=0.630	(e)	P=0.237	(e)
POLY 6	P=0.672	(e)	P=0.247	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.278	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.251	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.270	(e)	(e)	(e)

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TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)**  
**TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**Kidney: Renal Tubule  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.69	0/42.41	0/46.37	0/49.44
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/36 (0%)	0/43 (0%)	0/47 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)**  
**TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

Liver  
 Hemangiosarcoma

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	2/45.69	0/42.41	2/46.49	2/49.44
POLY-3 PERCENT (g)	4.4%	0%	4.3%	4.1%
TERMINAL (d)	2/36 (6%)	0/36 (0%)	1/43 (2%)	2/47 (4%)
FIRST INCIDENCE	729 (T)	---	700	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.545	P=0.238N	P=0.636N	P=0.595N
POLY 3	P=0.496	P=0.254N	P=0.688N	P=0.665N
POLY 1.5	P=0.478	P=0.251N	P=0.693N	P=0.677N
POLY 6	P=0.516	P=0.254N	P=0.676N	P=0.649N
LOGISTIC REGRESSION	P=0.505	(e)	P=0.682N	P=0.595N
COCH-ARM / FISHERS	P=0.444	P=0.247N	P=0.691N	P=0.691N
ORDER RESTRICTED	P=0.472	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.488	(e)	(e)	(e)

---

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
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 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>Liver</b>				
<b>Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.69	0/42.41	0/46.37	0/49.44
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/36 (0%)	0/43 (0%)	0/47 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>Liver</b>				
<b>Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	19/50 (38%)	21/50 (42%)	24/50 (48%)	20/50 (40%)
POLY-3 RATE (b)	19/45.76	21/42.67	24/46.37	20/49.44
POLY-3 PERCENT (g)	41.5%	49.2%	51.8%	40.5%
TERMINAL (d)	18/36 (50%)	20/36 (56%)	24/43 (56%)	20/47 (43%)
FIRST INCIDENCE	710	660	729 (T)	729 (T)
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.140N	P=0.407	P=0.481	P=0.250N
POLY 3	P=0.417N	P=0.302	P=0.216	P=0.541N
POLY 1.5	P=0.495N	P=0.325	P=0.201	P=0.571
POLY 6	P=0.331N	P=0.304	P=0.251	P=0.474N
LOGISTIC REGRESSION	P=0.232N	P=0.316	P=0.422	P=0.322N
COCH-ARM / FISHERS	P=0.461	P=0.419	P=0.210	P=0.500
ORDER RESTRICTED	P=0.383N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.400N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>Liver</b>				
<b>Hepatocellular Carcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	10/50 (20%)	10/50 (20%)	7/50 (14%)	4/50 (8%)
POLY-3 RATE (b)	10/46.86	10/42.88	7/46.96	4/49.44
POLY-3 PERCENT (g)	21.3%	23.3%	14.9%	8.1%
TERMINAL (d)	7/36 (19%)	9/36 (25%)	6/43 (14%)	4/47 (9%)
FIRST INCIDENCE	570	590	542	729 (T)
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.011N*	P=0.582	P=0.209N	P=0.030N*
POLY 3	P=0.026N*	P=0.511	P=0.295N	P=0.058N
POLY 1.5	P=0.030N*	P=0.533	P=0.303N	P=0.064N
POLY 6	P=0.021N*	P=0.502	P=0.280N	P=0.052N
LOGISTIC REGRESSION	P=0.033N*	P=0.546	P=0.295N	P=0.104N
COCH-ARM / FISHERS	P=0.040N*	P=0.598N	P=0.298N	P=0.074N
ORDER RESTRICTED	P=0.038N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.039N*	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Liver  
 Hepatocellular Carcinoma or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	10/50 (20%)	10/50 (20%)	7/50 (14%)	4/50 (8%)
POLY-3 RATE (b)	10/46.86	10/42.88	7/46.96	4/49.44
POLY-3 PERCENT (g)	21.3%	23.3%	14.9%	8.1%
TERMINAL (d)	7/36 (19%)	9/36 (25%)	6/43 (14%)	4/47 (9%)
FIRST INCIDENCE	570	590	542	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.011N*	P=0.582	P=0.209N	P=0.030N*
POLY 3	P=0.026N*	P=0.511	P=0.295N	P=0.058N
POLY 1.5	P=0.030N*	P=0.533	P=0.303N	P=0.064N
POLY 6	P=0.021N*	P=0.502	P=0.280N	P=0.052N
LOGISTIC REGRESSION	P=0.033N*	P=0.546	P=0.295N	P=0.104N
COCH-ARM / FISHERS	P=0.040N*	P=0.598N	P=0.298N	P=0.074N
ORDER RESTRICTED	P=0.038N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.039N*	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

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	Females			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**Liver**  
**Hepatocellular Carcinoma or Hepatocellular Adenoma**

**TUMOR RATES**

OVERALL (a)	27/50 (54%)	25/50 (50%)	26/50 (52%)	20/50 (40%)
POLY-3 RATE (b)	27/46.93	25/43.14	26/46.96	20/49.44
POLY-3 PERCENT (g)	57.5%	58%	55.4%	40.5%
TERMINAL (d)	23/36 (64%)	23/36 (64%)	25/43 (58%)	20/47 (43%)
FIRST INCIDENCE	570	590	542	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.003N**	P=0.435N	P=0.190N	P=0.008N**
POLY 3	P=0.035N*	P=0.570	P=0.499N	P=0.068N
POLY 1.5	P=0.052N	P=0.558N	P=0.517N	P=0.085N
POLY 6	P=0.022N*	P=0.558	P=0.460N	P=0.050N*
LOGISTIC REGRESSION	P=0.022N*	P=0.580	P=0.467N	P=0.047N*
COCH-ARM / FISHERS	P=0.098N	P=0.421N	P=0.500N	P=0.115N
ORDER RESTRICTED	P=0.058N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.054N	(e)	(e)	(e)

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TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Liver  
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	27/50 (54%)	25/50 (50%)	26/50 (52%)	20/50 (40%)
POLY-3 RATE (b)	27/46.93	25/43.14	26/46.96	20/49.44
POLY-3 PERCENT (g)	57.5%	58%	55.4%	40.5%
TERMINAL (d)	23/36 (64%)	23/36 (64%)	25/43 (58%)	20/47 (43%)
FIRST INCIDENCE	570	590	542	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.003N**	P=0.435N	P=0.190N	P=0.008N**
POLY 3	P=0.035N*	P=0.570	P=0.499N	P=0.068N
POLY 1.5	P=0.052N	P=0.558N	P=0.517N	P=0.085N
POLY 6	P=0.022N*	P=0.558	P=0.460N	P=0.050N*
LOGISTIC REGRESSION	P=0.022N*	P=0.580	P=0.467N	P=0.047N*
COCH-ARM / FISHERS	P=0.098N	P=0.421N	P=0.500N	P=0.115N
ORDER RESTRICTED	P=0.058N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.054N	(e)	(e)	(e)



TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

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DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

Liver  
 Ito Cell Tumor Malignant

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.69	0/42.41	0/46.37	0/49.44
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/36 (0%)	0/43 (0%)	0/47 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Lung  
 Alveolar/Bronchiolar Adenoma

**TUMOR RATES**

OVERALL (a)	3/50 (6%)	3/50 (6%)	7/50 (14%)	2/50 (4%)
POLY-3 RATE (b)	3/45.69	3/42.52	7/47.01	2/49.44
POLY-3 PERCENT (g)	6.6%	7.1%	14.9%	4.1%
TERMINAL (d)	3/36 (8%)	1/36 (3%)	6/43 (14%)	2/47 (4%)
FIRST INCIDENCE	729 (T)	703	520	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.329N	P=0.657	P=0.231	P=0.380N
POLY 3	P=0.400N	P=0.629	P=0.169	P=0.464N
POLY 1.5	P=0.431N	P=0.635	P=0.161	P=0.479N
POLY 6	P=0.366N	P=0.630	P=0.184	P=0.445N
LOGISTIC REGRESSION	P=0.440N	P=0.634	P=0.159	P=0.380N
COCH-ARM / FISHERS	P=0.482N	P=0.661N	P=0.159	P=0.500N
ORDER RESTRICTED	P=0.248N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.267N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Lung**  
**Alveolar/Bronchiolar Carcinoma**

**TUMOR RATES**

OVERALL (a)	6/50 (12%)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	6/46.26	2/43.08	1/47.01	2/49.57
POLY-3 PERCENT (g)	13%	4.6%	2.1%	4%
TERMINAL (d)	4/36 (11%)	0/36 (0%)	0/43 (0%)	1/47 (2%)
FIRST INCIDENCE	581	611	519	696

**STATISTICAL TESTS**

LIFE TABLE	P=0.064N	P=0.152N	P=0.046N*	P=0.081N
POLY 3	P=0.078N	P=0.157N	P=0.053N	P=0.112N
POLY 1.5	P=0.083N	P=0.153N	P=0.056N	P=0.121N
POLY 6	P=0.074N	P=0.155N	P=0.049N*	P=0.102N
LOGISTIC REGRESSION	P=0.109N	P=0.128N	P=0.051N	P=0.166N
COCH-ARM / FISHERS	P=0.095N	P=0.134N	P=0.056N	P=0.134N
ORDER RESTRICTED	P=0.025N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.033N*	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

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DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**Lung**  
**Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma**

**TUMOR RATES**

OVERALL (a)	9/50 (18%)	5/50 (10%)	8/50 (16%)	4/50 (8%)
POLY-3 RATE (b)	9/46.26	5/43.19	8/47.65	4/49.57
POLY-3 PERCENT (g)	19.5%	11.6%	16.8%	8.1%
TERMINAL (d)	7/36 (19%)	1/36 (3%)	6/43 (14%)	3/47 (6%)
FIRST INCIDENCE	581	611	519	696

**STATISTICAL TESTS**

LIFE TABLE	P=0.068N	P=0.216N	P=0.379N	P=0.053N
POLY 3	P=0.099N	P=0.232N	P=0.473N	P=0.091N
POLY 1.5	P=0.114N	P=0.225N	P=0.492N	P=0.101N
POLY 6	P=0.085N	P=0.227N	P=0.445N	P=0.079N
LOGISTIC REGRESSION	P=0.146N	P=0.218N	P=0.495N	P=0.113N
COCH-ARM / FISHERS	P=0.143N	P=0.194N	P=0.500N	P=0.117N
ORDER RESTRICTED	P=0.077N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.091N	(e)	(e)	(e)

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TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

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DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

Ovary  
 Tubulostromal Adenoma

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/46 (0%)	0/47 (0%)	2/48 (4%)
POLY-3 RATE (b)	1/45.69	0/38.42	0/43.37	2/47.44
POLY-3 PERCENT (g)	2.2%	0%	0%	4.2%
TERMINAL (d)	1/36 (3%)	0/33 (0%)	0/40 (0%)	2/45 (4%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.311	P=0.517N	P=0.479N	P=0.578
POLY 3	P=0.266	P=0.534N	P=0.510N	P=0.513
POLY 1.5	P=0.258	P=0.530N	P=0.513N	P=0.502
POLY 6	P=0.274	P=0.535N	P=0.505N	P=0.528
LOGISTIC REGRESSION	P=0.311	(e)	(e)	P=0.578
COCH-ARM / FISHERS	P=0.243	P=0.521N	P=0.515N	P=0.485
ORDER RESTRICTED	P=0.146	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.166	(e)	(e)	(e)

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TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Pituitary Gland: Pars Distalis or Unspecified Site  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	2/48 (4%)	4/49 (8%)	2/48 (4%)	3/49 (6%)
POLY-3 RATE (b)	2/43.92	4/42.4	2/45.03	3/48.44
POLY-3 PERCENT (g)	4.6%	9.4%	4.4%	6.2%
TERMINAL (d)	1/34 (3%)	4/36 (11%)	2/43 (5%)	3/46 (7%)
FIRST INCIDENCE	668	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.492N	P=0.350	P=0.625N	P=0.620
POLY 3	P=0.577	P=0.321	P=0.685N	P=0.544
POLY 1.5	P=0.557	P=0.328	P=0.692N	P=0.530
POLY 6	P=0.574N	P=0.320	P=0.673N	P=0.563
LOGISTIC REGRESSION	P=0.560N	P=0.324	P=0.690N	P=0.526
COCH-ARM / FISHERS	P=0.528	P=0.349	P=0.692N	P=0.510
ORDER RESTRICTED	P=0.531	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.546	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin**  
 Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma

TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	3/50 (6%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	4/46.94	3/43.22	3/46.37	3/49.7
POLY-3 PERCENT (g)	8.5%	6.9%	6.5%	6%
TERMINAL (d)	1/36 (3%)	1/36 (3%)	3/43 (7%)	2/47 (4%)
FIRST INCIDENCE	511	427	729 (T)	659

**STATISTICAL TESTS**

LIFE TABLE	P=0.331N	P=0.525N	P=0.444N	P=0.412N
POLY 3	P=0.399N	P=0.545N	P=0.507N	P=0.469N
POLY 1.5	P=0.415N	P=0.534N	P=0.509N	P=0.482N
POLY 6	P=0.380N	P=0.550N	P=0.499N	P=0.451N
LOGISTIC REGRESSION	P=0.504N	P=0.375N	P=0.477N	P=0.453
COCH-ARM / FISHERS	P=0.442N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.495N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.507N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>Skin</b>				
<b>Fibrosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	4/50 (8%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	4/46.94	2/43.21	2/46.37	2/49.7
POLY-3 PERCENT (g)	8.5%	4.6%	4.3%	4%
TERMINAL (d)	1/36 (3%)	1/36 (3%)	2/43 (5%)	1/47 (2%)
FIRST INCIDENCE	511	427	729 (T)	659
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.222N	P=0.368N	P=0.299N	P=0.276N
POLY 3	P=0.261N	P=0.376N	P=0.343N	P=0.312N
POLY 1.5	P=0.272N	P=0.367N	P=0.345N	P=0.323N
POLY 6	P=0.248N	P=0.380N	P=0.336N	P=0.297N
LOGISTIC REGRESSION	P=0.355N	P=0.199N	P=0.305N	P=0.643
COCH-ARM / FISHERS	P=0.292N	P=0.339N	P=0.339N	P=0.339N
ORDER RESTRICTED	P=0.254N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.270N	(e)	(e)	(e)



TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin**  
**Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	3/50 (6%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	4/46.94	3/43.22	3/46.37	3/49.7
POLY-3 PERCENT (g)	8.5%	6.9%	6.5%	6%
TERMINAL (d)	1/36 (3%)	1/36 (3%)	3/43 (7%)	2/47 (4%)
FIRST INCIDENCE	511	427	729 (T)	659

**STATISTICAL TESTS**

LIFE TABLE	P=0.331N	P=0.525N	P=0.444N	P=0.412N
POLY 3	P=0.399N	P=0.545N	P=0.507N	P=0.469N
POLY 1.5	P=0.415N	P=0.534N	P=0.509N	P=0.482N
POLY 6	P=0.380N	P=0.550N	P=0.499N	P=0.451N
LOGISTIC REGRESSION	P=0.504N	P=0.375N	P=0.477N	P=0.453
COCH-ARM / FISHERS	P=0.442N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.495N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.507N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

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DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**Spleen  
 Hemangiosarcoma**

**TUMOR RATES**

OVERALL (a)	0/48 (0%)	0/50 (0%)	1/48 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/44.82	0/42.41	1/45.5	3/49.44
POLY-3 PERCENT (g)	0%	0%	2.2%	6.1%
TERMINAL (d)	0/36 (0%)	0/36 (0%)	0/43 (0%)	3/47 (6%)
FIRST INCIDENCE	---	---	700	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.035*	(e)	P=0.519	P=0.172
POLY 3	P=0.026*	(e)	P=0.503	P=0.137
POLY 1.5	P=0.024*	(e)	P=0.501	P=0.133
POLY 6	P=0.028*	(e)	P=0.507	P=0.144
LOGISTIC REGRESSION	P=0.028*	(e)	P=0.500	P=0.172
COCH-ARM / FISHERS	P=0.022*	(e)	P=0.500	P=0.129
ORDER RESTRICTED	P=0.027*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.037*	(e)	(e)	(e)

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TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

---

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**Stomach, Forestomach  
 Squamous Cell Carcinoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.69	0/42.41	0/46.37	0/49.44
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/36 (0%)	0/43 (0%)	0/47 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

---

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Stomach, Forestomach  
 Squamous Cell Carcinoma or Papilloma Squamous**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	5/50 (10%)	14/50 (28%)
POLY-3 RATE (b)	1/45.69	0/42.41	5/46.37	14/49.44
POLY-3 PERCENT (g)	2.2%	0%	10.8%	28.3%
TERMINAL (d)	1/36 (3%)	0/36 (0%)	5/43 (12%)	14/47 (30%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.500N	P=0.148	P=0.002**
POLY 3	P<0.001**	P=0.515N	P=0.105	P<0.001**
POLY 1.5	P<0.001**	P=0.512N	P=0.102	P<0.001**
POLY 6	P<0.001**	P=0.515N	P=0.112	P<0.001**
LOGISTIC REGRESSION	P<0.001**	(e)	P=0.148	P=0.002**
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.102	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Stomach, Forestomach  
 Squamous Cell Papilloma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	5/50 (10%)	14/50 (28%)
POLY-3 RATE (b)	1/45.69	0/42.41	5/46.37	14/49.44
POLY-3 PERCENT (g)	2.2%	0%	10.8%	28.3%
TERMINAL (d)	1/36 (3%)	0/36 (0%)	5/43 (12%)	14/47 (30%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.500N	P=0.148	P=0.002**
POLY 3	P<0.001**	P=0.515N	P=0.105	P<0.001**
POLY 1.5	P<0.001**	P=0.512N	P=0.102	P<0.001**
POLY 6	P<0.001**	P=0.515N	P=0.112	P<0.001**
LOGISTIC REGRESSION	P<0.001**	(e)	P=0.148	P=0.002**
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.102	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

---

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**Thyroid Gland: Follicular Cell Adenoma**

**TUMOR RATES**

OVERALL (a)	1/49 (2%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/44.69	1/42.41	1/46.37	1/49.44
POLY-3 PERCENT (g)	2.2%	2.4%	2.2%	2%
TERMINAL (d)	1/35 (3%)	1/36 (3%)	1/43 (2%)	1/47 (2%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.540N	P=0.756N	P=0.715N	P=0.695N
POLY 3	P=0.602N	P=0.749	P=0.752N	P=0.738N
POLY 1.5	P=0.612N	P=0.752	P=0.756N	P=0.745N
POLY 6	P=0.591N	P=0.749	P=0.746N	P=0.727N
LOGISTIC REGRESSION	P=0.540N	P=0.756N	P=0.715N	P=0.695N
COCH-ARM / FISHERS	P=0.629N	P=0.747N	P=0.747N	P=0.747N
ORDER RESTRICTED	P=0.704N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.706N	(e)	(e)	(e)

---

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

---

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

All Organs  
 Hemangiosarcoma

---

TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	1/50 (2%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	3/45.69	1/42.67	3/46.49	4/49.44
POLY-3 PERCENT (g)	6.6%	2.3%	6.5%	8.1%
TERMINAL (d)	3/36 (8%)	0/36 (0%)	2/43 (5%)	4/47 (9%)
FIRST INCIDENCE	729 (T)	660	700	729 (T)

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**STATISTICAL TESTS**

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LIFE TABLE	P=0.412	P=0.313N	P=0.585N	P=0.643
POLY 3	P=0.336	P=0.330N	P=0.654N	P=0.543
POLY 1.5	P=0.316	P=0.326N	P=0.662N	P=0.525
POLY 6	P=0.358	P=0.328N	P=0.640N	P=0.566
LOGISTIC REGRESSION	P=0.338	P=0.329N	P=0.638N	P=0.643
COCH-ARM / FISHERS	P=0.282	P=0.309N	P=0.661N	P=0.500
ORDER RESTRICTED	P=0.364	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.383	(e)	(e)	(e)

---

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Reqsted: 07/11/2006  
 Time Report Reqsted: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs**  
**Hemangiosarcoma or Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	1/50 (2%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	3/45.69	1/42.67	3/46.49	4/49.44
POLY-3 PERCENT (g)	6.6%	2.3%	6.5%	8.1%
TERMINAL (d)	3/36 (8%)	0/36 (0%)	2/43 (5%)	4/47 (9%)
FIRST INCIDENCE	729 (T)	660	700	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.412	P=0.313N	P=0.585N	P=0.643
POLY 3	P=0.336	P=0.330N	P=0.654N	P=0.543
POLY 1.5	P=0.316	P=0.326N	P=0.662N	P=0.525
POLY 6	P=0.358	P=0.328N	P=0.640N	P=0.566
LOGISTIC REGRESSION	P=0.338	P=0.329N	P=0.638N	P=0.643
COCH-ARM / FISHERS	P=0.282	P=0.309N	P=0.661N	P=0.500
ORDER RESTRICTED	P=0.364	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.383	(e)	(e)	(e)



TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

---

	Females			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

---

**All Organs**  
**Histiocytic Sarcoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	4/50 (8%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	4/47.09	1/42.41	2/46.96	0/49.44
POLY-3 PERCENT (g)	8.5%	2.4%	4.3%	0%
TERMINAL (d)	0/36 (0%)	1/36 (3%)	1/43 (2%)	0/47 (0%)
FIRST INCIDENCE	548	729 (T)	542	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.042N*	P=0.210N	P=0.330N	P=0.054N
POLY 3	P=0.041N*	P=0.212N	P=0.339N	P=0.055N
POLY 1.5	P=0.045N*	P=0.203N	P=0.342N	P=0.057N
POLY 6	P=0.038N*	P=0.218N	P=0.331N	P=0.052N
LOGISTIC REGRESSION	P=0.061N	P=0.124N	P=0.262N	P=0.280N
COCH-ARM / FISHERS	P=0.052N	P=0.181N	P=0.339N	P=0.059N
ORDER RESTRICTED	P=0.016N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.021N*	(e)	(e)	(e)

---

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs**  
**Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type**

TUMOR RATES	#	#	#	#
OVERALL (a)	9/50 (18%)	7/50 (14%)	6/50 (12%)	7/50 (14%)
POLY-3 RATE (b)	9/45.78	7/44.48	6/46.49	7/49.44
POLY-3 PERCENT (g)	19.7%	15.7%	12.9%	14.2%
TERMINAL (d)	8/36 (22%)	3/36 (8%)	5/43 (12%)	7/47 (15%)
FIRST INCIDENCE	706	426	700	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.182N	P=0.416N	P=0.183N	P=0.199N
POLY 3	P=0.290N	P=0.416N	P=0.276N	P=0.330N
POLY 1.5	P=0.314N	P=0.418N	P=0.288N	P=0.356N
POLY 6	P=0.264N	P=0.401N	P=0.255N	P=0.298N
LOGISTIC REGRESSION	P=0.344N	P=0.379N	P=0.236N	P=0.245N
COCH-ARM / FISHERS	P=0.354N	P=0.393N	P=0.288N	P=0.393N
ORDER RESTRICTED	P=0.324N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.344N	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs**  
**Benign Tumors**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	29/50 (58%)	33/50 (66%)	32/50 (64%)	34/50 (68%)
POLY-3 RATE (b)	29/46.67	33/44.24	32/47.01	34/49.44
POLY-3 PERCENT (g)	62.1%	74.6%	68.1%	68.8%
TERMINAL (d)	24/36 (67%)	27/36 (75%)	31/43 (72%)	34/47 (72%)
FIRST INCIDENCE	548	339	520	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.160N	P=0.257	P=0.415N	P=0.332N
POLY 3	P=0.395	P=0.138	P=0.347	P=0.317
POLY 1.5	P=0.317	P=0.162	P=0.325	P=0.266
POLY 6	P=0.488	P=0.141	P=0.395	P=0.388
LOGISTIC REGRESSION	P=0.504	P=0.113	P=0.386	P=0.505
COCH-ARM / FISHERS	P=0.213	P=0.268	P=0.341	P=0.204
ORDER RESTRICTED	P=0.294	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.310	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>All Organs</b>				
<b>Malignant Tumors</b>				
<b>TUMOR RATES</b>				
	#	#	#	#
OVERALL (a)	31/50 (62%)	22/50 (44%)	20/50 (40%)	19/50 (38%)
POLY-3 RATE (b)	31/49.49	22/46.17	20/47.74	19/49.83
POLY-3 PERCENT (g)	62.6%	47.7%	41.9%	38.1%
TERMINAL (d)	20/36 (56%)	14/36 (39%)	16/43 (37%)	17/47 (36%)
FIRST INCIDENCE	511	426	519	659
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.002N**	P=0.116N	P=0.011N*	P=0.002N**
POLY 3	P=0.011N*	P=0.101N	P=0.030N*	P=0.011N*
POLY 1.5	P=0.012N*	P=0.087N	P=0.029N*	P=0.012N*
POLY 6	P=0.009N**	P=0.108N	P=0.031N*	P=0.010N**
LOGISTIC REGRESSION	P=0.020N*	P=0.045N*	P=0.022N*	P=0.060N
COCH-ARM / FISHERS	P=0.017N*	P=0.054N	P=0.022N*	P=0.014N*
ORDER RESTRICTED	P=0.008N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.009N**	(e)	(e)	(e)

TDMS No. 96015-06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
 CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
 Time Report Requested: 7:44:54  
 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

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

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs**  
**Malignant and Benign Tumors**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	44/50 (88%)	40/50 (80%)	41/50 (82%)	38/50 (76%)
POLY-3 RATE (b)	44/49.73	40/47.48	41/48.37	38/49.83
POLY-3 PERCENT (g)	88.5%	84.3%	84.8%	76.3%
TERMINAL (d)	31/36 (86%)	29/36 (81%)	36/43 (84%)	36/47 (77%)
FIRST INCIDENCE	511	339	519	659

**STATISTICAL TESTS**

LIFE TABLE	P<0.001N**	P=0.356N	P=0.060N	P=0.003N**
POLY 3	P=0.064N	P=0.377N	P=0.403N	P=0.088N
POLY 1.5	P=0.072N	P=0.335N	P=0.384N	P=0.092N
POLY 6	P=0.059N	P=0.394N	P=0.407N	P=0.084N
LOGISTIC REGRESSION	P=0.056N	P=0.284N	P=0.311N	P=0.140N
COCH-ARM / FISHERS	P=0.103N	P=0.207N	P=0.288N	P=0.096N
ORDER RESTRICTED	P=0.070N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.074N	(e)	(e)	(e)

TDMS No. 96015-06  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
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First Dose M/F: 08/22/01 / 08/22/01  
Lab: SRI

**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.
  - (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. The life table analysis regards tumors in animals dying prior to terminal kill as being (directly or indirectly) the cause of death.
  - (e) Value of Statistic cannot be computed.
  - (g) Poly-3 adjusted lifetime tumor incidence.
  - (I) Interim sacrifice
  - (T) Terminal sacrifice
  - # Tumor rates based on numbers of animals necropsied.
  - \* To the right of any statistical result, indicates significance at ( $P \leq 0.05$ ).
  - \*\* To the right of any statistical result, indicates significance at ( $P \leq 0.01$ ).
  - N Indicates a negative trend for all tests
- Logistic regression is an alternative method for analyzing the incidence of non-fatal tumors.  
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

\*\*\* END OF REPORT \*\*\*