

**TDMS No.** 20114 - 06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

Sodium dichromate dihydrate (VI)

**CAS Number:** 7789-12-0

**Date Report Reqsted:** 10/04/2007

**Time Report Reqsted:** 10:37:54

**First Dose M/F:** 09/04/02 / 09/04/02

**Lab:** SRI

F2\_M3

**C Number:** C20114  
**Lock Date:** 10/04/2005  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**TDMSE Version:** 1.8.0

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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  
Heart  
Islets, Pancreatic  
Kidney  
Liver  
Lung  
Ovary  
Pituitary Gland  
Spleen  
Thyroid Gland

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## SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF Sodium dichromate dihydrate (VI)

### MALE MICE

<u>Organ</u>	<u>Morphology</u>
Intestine Small: Duodenum	Adenoma Carcinoma
Intestine Small: Jejunum	Adenoma
Intestine Small: Site Unspecified	Adenoma Carcinoma Carcinoma or Adenoma
Islets, Pancreatic	Adenoma
Liver	Carcinoma or Adenoma Hepatoblastoma Hepatocellular Adenoma Hepatocellular Carcinoma Hepatocellular Carcinoma or Hepatoblastoma Hepatocellular Carcinoma or Hepatocellular Adenoma Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma
Lung	Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma
All Organs	Mesothelioma: Benign, Malignant, NOS Mesothelioma: Malignant Benign Tumors

### FEMALE MICE

<u>Organ</u>	<u>Morphology</u>
Intestine Small: Duodenum	Adenoma Carcinoma
Intestine Small: Jejunum	Adenoma
Intestine Small: Site Unspecified	Adenoma Carcinoma Carcinoma or Adenoma
Liver	Hepatocellular Adenoma Hepatocellular Carcinoma or Hepatocellular Adenoma Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

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**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF Sodium dichromate dihydrate (VI)**

Lung	Alveolar/Bronchiolar Adenoma
	Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
Mesentery	Fibrosarcoma

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Adrenal Cortex  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	7/49 (14%)	5/49 (10%)	5/50 (10%)	6/50 (12%)	2/50 (4%)
POLY-3 RATE (b)	7/44.88	5/43.69	5/43.88	6/46.31	2/43.89
POLY-3 PERCENT (g)	15.6%	11.4%	11.4%	13%	4.6%
TERMINAL (d)	7/33 (21%)	5/35 (14%)	3/35 (9%)	6/38 (16%)	2/32 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	664	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.100N	P=0.335N	P=0.347N	P=0.390N	P=0.084N
POLY 3	P=0.091N	P=0.398N	P=0.395N	P=0.476N	P=0.083N
POLY 1.5	P=0.089N	P=0.392N	P=0.390N	P=0.480N	P=0.081N
POLY 6	P=0.090N	P=0.402N	P=0.392N	P=0.468N	P=0.083N
LOGISTIC REGRESSION	P=0.085N	P=0.335N	P=0.402N	P=0.390N	P=0.084N
COCH-ARM / FISHERS	P=0.086N	P=0.380N	P=0.365N	P=0.484N	P=0.075N
ORDER RESTRICTED	P=0.078N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.091N	(e)	(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	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Adrenal Medulla  
 Pheochromocytoma Benign**

**TUMOR RATES**

OVERALL (a)	0/49 (0%)	0/48 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/44.88	0/42.83	0/43.47	1/46.31	1/43.89
POLY-3 PERCENT (g)	0%	0%	0%	2.2%	2.3%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	1/38 (3%)	1/32 (3%)
FIRST INCIDENCE	---	---	---	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.204	(e)	(e)	P=0.528	P=0.494
POLY 3	P=0.219	(e)	(e)	P=0.506	P=0.496
POLY 1.5	P=0.221	(e)	(e)	P=0.505	P=0.498
POLY 6	P=0.219	(e)	(e)	P=0.508	P=0.495
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.528	P=0.494
COCH-ARM / FISHERS	P=0.225	(e)	(e)	P=0.505	P=0.505
ORDER RESTRICTED	P=0.219	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.235	(e)	(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	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Bone  
 Osteosarcoma or Osteoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.52	0/44.27	0/43.47	0/46.31	0/43.89
POLY-3 PERCENT (g)	2.2%	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	631	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.544N	P=0.522N	P=0.541N	P=0.513N	P=0.527N
POLY 3	P=0.527N	P=0.506N	P=0.509N	P=0.497N	P=0.507N
POLY 1.5	P=0.530N	P=0.503N	P=0.507N	P=0.498N	P=0.505N
POLY 6	P=0.525N	P=0.508N	P=0.511N	P=0.495N	P=0.508N
LOGISTIC REGRESSION	P=0.537N	P=0.474N	P=0.466N	P=0.560N	P=0.461N
COCH-ARM / FISHERS	P=0.536N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.096N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.111N	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Harderian Gland  
 Adenoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	6/50 (12%)	3/50 (6%)	4/50 (8%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	6/45.17	3/44.27	4/43.84	3/46.84	2/43.94
POLY-3 PERCENT (g)	13.3%	6.8%	9.1%	6.4%	4.6%
TERMINAL (d)	6/33 (18%)	3/35 (9%)	3/35 (9%)	2/38 (5%)	1/32 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	623	567	719

**STATISTICAL TESTS**

LIFE TABLE	P=0.184N	P=0.210N	P=0.346N	P=0.185N	P=0.144N
POLY 3	P=0.168N	P=0.251N	P=0.388N	P=0.224N	P=0.141N
POLY 1.5	P=0.168N	P=0.248N	P=0.387N	P=0.232N	P=0.140N
POLY 6	P=0.165N	P=0.254N	P=0.384N	P=0.214N	P=0.140N
LOGISTIC REGRESSION	P=0.168N	P=0.210N	P=0.392N	P=0.233N	P=0.134N
COCH-ARM / FISHERS	P=0.167N	P=0.243N	P=0.370N	P=0.243N	P=0.134N
ORDER RESTRICTED	P=0.106N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.120N	(e)	(e)	(e)	(e)



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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Harderian Gland  
 Carcinoma or Adenoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	6/50 (12%)	4/50 (8%)	4/50 (8%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	6/45.17	4/44.27	4/43.84	3/46.84	2/43.94
POLY-3 PERCENT (g)	13.3%	9%	9.1%	6.4%	4.6%
TERMINAL (d)	6/33 (18%)	4/35 (11%)	3/35 (9%)	2/38 (5%)	1/32 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	623	567	719

**STATISTICAL TESTS**

LIFE TABLE	P=0.150N	P=0.330N	P=0.346N	P=0.185N	P=0.144N
POLY 3	P=0.137N	P=0.382N	P=0.388N	P=0.224N	P=0.141N
POLY 1.5	P=0.137N	P=0.378N	P=0.387N	P=0.232N	P=0.140N
POLY 6	P=0.134N	P=0.386N	P=0.384N	P=0.214N	P=0.140N
LOGISTIC REGRESSION	P=0.136N	P=0.330N	P=0.392N	P=0.233N	P=0.134N
COCH-ARM / FISHERS	P=0.135N	P=0.370N	P=0.370N	P=0.243N	P=0.134N
ORDER RESTRICTED	P=0.114N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.128N	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Intestine Small: Duodenum  
 Adenoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	5/50 (10%)	15/50 (30%)
POLY-3 RATE (b)	1/45.41	0/44.27	1/43.47	5/46.31	15/45.62
POLY-3 PERCENT (g)	2.2%	0%	2.3%	10.8%	32.9%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	1/35 (3%)	5/38 (13%)	10/32 (31%)
FIRST INCIDENCE	665	---	729 (T)	729 (T)	451

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.510N	P=0.760N	P=0.137	P<0.001**
POLY 3	P<0.001**	P=0.505N	P=0.751	P=0.106	P<0.001**
POLY 1.5	P<0.001**	P=0.503N	P=0.753	P=0.104	P<0.001**
POLY 6	P<0.001**	P=0.508N	P=0.750	P=0.108	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.489N	P=0.760	P=0.112	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.753N	P=0.102	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(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	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Intestine Small: Duodenum  
 Carcinoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	0/45.17	0/44.27	0/43.47	2/46.31	3/43.89
POLY-3 PERCENT (g)	0%	0%	0%	4.3%	6.8%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	2/38 (5%)	3/32 (9%)
FIRST INCIDENCE	---	---	---	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.009**	(e)	(e)	P=0.270	P=0.115
POLY 3	P=0.011*	(e)	(e)	P=0.243	P=0.113
POLY 1.5	P=0.011*	(e)	(e)	P=0.241	P=0.115
POLY 6	P=0.011*	(e)	(e)	P=0.246	P=0.113
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.270	P=0.115
COCH-ARM / FISHERS	P=0.012*	(e)	(e)	P=0.247	P=0.121
ORDER RESTRICTED	P=0.019*	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.020*	(e)	(e)	(e)	(e)

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

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DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

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**Intestine Small: Jejunum  
 Adenoma**

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TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/45.17	0/44.27	0/43.47	0/46.31	3/43.96
POLY-3 PERCENT (g)	0%	0%	0%	0%	6.8%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)	2/32 (6%)
FIRST INCIDENCE	---	---	---	---	714

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**STATISTICAL TESTS**

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LIFE TABLE	P=0.002**	(e)	(e)	(e)	P=0.119
POLY 3	P=0.002**	(e)	(e)	(e)	P=0.114
POLY 1.5	P=0.002**	(e)	(e)	(e)	P=0.115
POLY 6	P=0.002**	(e)	(e)	(e)	P=0.114
LOGISTIC REGRESSION	P=0.002**	(e)	(e)	(e)	P=0.118
COCH-ARM / FISHERS	P=0.003**	(e)	(e)	(e)	P=0.121
ORDER RESTRICTED	P=0.003**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.004**	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Intestine Small: Jejunum  
 Carcinoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/45.17	2/44.27	0/43.47	1/46.31	2/43.89
POLY-3 PERCENT (g)	0%	4.5%	0%	2.2%	4.6%
TERMINAL (d)	0/33 (0%)	2/35 (6%)	0/35 (0%)	1/38 (3%)	2/32 (6%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.204	P=0.251	(e)	P=0.528	P=0.231
POLY 3	P=0.223	P=0.233	(e)	P=0.505	P=0.231
POLY 1.5	P=0.224	P=0.234	(e)	P=0.503	P=0.232
POLY 6	P=0.223	P=0.231	(e)	P=0.508	P=0.231
LOGISTIC REGRESSION	(e)	P=0.251	(e)	P=0.528	P=0.231
COCH-ARM / FISHERS	P=0.227	P=0.247	(e)	P=0.500	P=0.247
ORDER RESTRICTED	P=0.119	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.134	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Intestine Small: Site Unspecified  
 Adenoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	5/50 (10%)	17/50 (34%)
POLY-3 RATE (b)	1/45.41	1/44.27	1/43.47	5/46.31	17/45.68
POLY-3 PERCENT (g)	2.2%	2.3%	2.3%	10.8%	37.2%
TERMINAL (d)	0/33 (0%)	1/35 (3%)	1/35 (3%)	5/38 (13%)	11/32 (34%)
FIRST INCIDENCE	665	729 (T)	729 (T)	729 (T)	451

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.760N	P=0.760N	P=0.137	P<0.001**
POLY 3	P<0.001**	P=0.755	P=0.751	P=0.106	P<0.001**
POLY 1.5	P<0.001**	P=0.757	P=0.753	P=0.104	P<0.001**
POLY 6	P<0.001**	P=0.752	P=0.750	P=0.108	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.763	P=0.760	P=0.112	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.753N	P=0.753N	P=0.102	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Intestine Small: Site Unspecified  
 Carcinoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	3/50 (6%)	5/50 (10%)
POLY-3 RATE (b)	0/45.17	2/44.27	1/43.47	3/46.31	5/43.89
POLY-3 PERCENT (g)	0%	4.5%	2.3%	6.5%	11.4%
TERMINAL (d)	0/33 (0%)	2/35 (6%)	1/35 (3%)	3/38 (8%)	5/32 (16%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.010**	P=0.251	P=0.512	P=0.147	P=0.030*
POLY 3	P=0.014*	P=0.233	P=0.492	P=0.123	P=0.028*
POLY 1.5	P=0.014*	P=0.234	P=0.494	P=0.122	P=0.029*
POLY 6	P=0.014*	P=0.231	P=0.492	P=0.126	P=0.028*
LOGISTIC REGRESSION	(e)	P=0.251	P=0.512	P=0.147	P=0.030*
COCH-ARM / FISHERS	P=0.015*	P=0.247	P=0.500	P=0.121	P=0.028*
ORDER RESTRICTED	P=0.008**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.012*	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

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

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	3/50 (6%)	2/50 (4%)	7/50 (14%)	20/50 (40%)
POLY-3 RATE (b)	1/45.41	3/44.27	2/43.47	7/46.31	20/45.68
POLY-3 PERCENT (g)	2.2%	6.8%	4.6%	15.1%	43.8%
TERMINAL (d)	0/33 (0%)	3/35 (9%)	2/35 (6%)	7/38 (18%)	14/32 (44%)
FIRST INCIDENCE	665	729 (T)	729 (T)	729 (T)	451

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.318	P=0.508	P=0.050*	P<0.001**
POLY 3	P<0.001**	P=0.296	P=0.485	P=0.032*	P<0.001**
POLY 1.5	P<0.001**	P=0.300	P=0.488	P=0.031*	P<0.001**
POLY 6	P<0.001**	P=0.291	P=0.483	P=0.033*	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.296	P=0.489	P=0.037*	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.309	P=0.500	P=0.030*	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)



TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Islets, Pancreatic  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	3/49 (6%)	1/49 (2%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	3/45.67	1/43.96	1/44.18	0/46.31	0/43.31
POLY-3 PERCENT (g)	6.6%	2.3%	2.3%	0%	0%
TERMINAL (d)	2/33 (6%)	0/35 (0%)	0/35 (0%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	435	588	482	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.114N	P=0.303N	P=0.297N	P=0.107N	P=0.129N
POLY 3	P=0.107N	P=0.319N	P=0.317N	P=0.116N	P=0.128N
POLY 1.5	P=0.108N	P=0.315N	P=0.313N	P=0.116N	P=0.126N
POLY 6	P=0.106N	P=0.321N	P=0.319N	P=0.115N	P=0.129N
LOGISTIC REGRESSION	P=0.107N	P=0.213N	P=0.180N	P=0.130N	P=0.070N
COCH-ARM / FISHERS	P=0.110N	P=0.309N	P=0.301N	P=0.117N	P=0.121N
ORDER RESTRICTED	P=0.025N*	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.035N*	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Islets, Pancreatic  
 Carcinoma or Adenoma**

**TUMOR RATES**

OVERALL (a)	3/49 (6%)	1/49 (2%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	3/45.67	1/43.96	1/44.18	0/46.31	0/43.31
POLY-3 PERCENT (g)	6.6%	2.3%	2.3%	0%	0%
TERMINAL (d)	2/33 (6%)	0/35 (0%)	0/35 (0%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	435	588	482	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.114N	P=0.303N	P=0.297N	P=0.107N	P=0.129N
POLY 3	P=0.107N	P=0.319N	P=0.317N	P=0.116N	P=0.128N
POLY 1.5	P=0.108N	P=0.315N	P=0.313N	P=0.116N	P=0.126N
POLY 6	P=0.106N	P=0.321N	P=0.319N	P=0.115N	P=0.129N
LOGISTIC REGRESSION	P=0.107N	P=0.213N	P=0.180N	P=0.130N	P=0.070N
COCH-ARM / FISHERS	P=0.110N	P=0.309N	P=0.301N	P=0.117N	P=0.121N
ORDER RESTRICTED	P=0.025N*	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.035N*	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

Liver  
 Hemangiosarcoma

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	5/50 (10%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	1/45.17	1/44.27	5/43.85	2/46.31	4/44.11
POLY-3 PERCENT (g)	2.2%	2.3%	11.4%	4.3%	9.1%
TERMINAL (d)	1/33 (3%)	1/35 (3%)	4/35 (11%)	2/38 (5%)	2/32 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	621	729 (T)	701

**STATISTICAL TESTS**

LIFE TABLE	P=0.190	P=0.749N	P=0.111	P=0.549	P=0.183
POLY 3	P=0.202	P=0.756	P=0.094	P=0.509	P=0.171
POLY 1.5	P=0.203	P=0.758	P=0.095	P=0.505	P=0.173
POLY 6	P=0.206	P=0.755	P=0.095	P=0.514	P=0.172
LOGISTIC REGRESSION	P=0.205	P=0.749N	P=0.095	P=0.549	P=0.171
COCH-ARM / FISHERS	P=0.209	P=0.753N	P=0.102	P=0.500	P=0.181
ORDER RESTRICTED	P=0.135	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.149	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

Liver  
 Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	17/50 (34%)	8/50 (16%)	11/50 (22%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	17/47.47	8/45.17	11/45.84	2/46.31	0/43.89
POLY-3 PERCENT (g)	35.8%	17.7%	24%	4.3%	0%
TERMINAL (d)	9/33 (27%)	6/35 (17%)	6/35 (17%)	2/38 (5%)	0/32 (0%)
FIRST INCIDENCE	435	587	544	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P<0.001N**	P=0.039N*	P=0.156N	P<0.001N**	P<0.001N**
POLY 3	P<0.001N**	P=0.039N*	P=0.153N	P<0.001N**	P<0.001N**
POLY 1.5	P<0.001N**	P=0.036N*	P=0.151N	P<0.001N**	P<0.001N**
POLY 6	P<0.001N**	P=0.045N*	P=0.153N	P<0.001N**	P<0.001N**
LOGISTIC REGRESSION	P<0.001N**	P=0.030N*	P=0.112N	P<0.001N**	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.032N*	P=0.133N	P<0.001N**	P<0.001N**
ORDER RESTRICTED	P<0.001N**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001N**	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

Liver  
 Hepatocellular Adenoma

**TUMOR RATES**

OVERALL (a)	36/50 (72%)	33/50 (66%)	28/50 (56%)	31/50 (62%)	28/50 (56%)
POLY-3 RATE (b)	36/46.66	33/46.28	28/44.79	31/47.18	28/46.05
POLY-3 PERCENT (g)	77.2%	71.3%	62.5%	65.7%	60.8%
TERMINAL (d)	29/33 (88%)	28/35 (80%)	24/35 (69%)	28/38 (74%)	22/32 (69%)
FIRST INCIDENCE	483	533	482	616	391

**STATISTICAL TESTS**

LIFE TABLE	P=0.222N	P=0.223N	P=0.037N*	P=0.036N*	P=0.110N
POLY 3	P=0.098N	P=0.333N	P=0.085N	P=0.147N	P=0.059N
POLY 1.5	P=0.107N	P=0.338N	P=0.086N	P=0.169N	P=0.065N
POLY 6	P=0.084N	P=0.316N	P=0.077N	P=0.116N	P=0.048N*
LOGISTIC REGRESSION	P=0.135N	P=0.409N	P=0.113N	P=0.119N	P=0.096N
COCH-ARM / FISHERS	P=0.129N	P=0.333N	P=0.072N	P=0.198N	P=0.072N
ORDER RESTRICTED	P=0.060N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.069N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

Liver  
 Hepatocellular Carcinoma

**TUMOR RATES**

OVERALL (a)	14/50 (28%)	24/50 (48%)	17/50 (34%)	12/50 (24%)	18/50 (36%)
POLY-3 RATE (b)	14/47.72	24/47.8	17/46.17	12/47.92	18/47.42
POLY-3 PERCENT (g)	29.3%	50.2%	36.8%	25%	38%
TERMINAL (d)	5/33 (15%)	15/35 (43%)	11/35 (31%)	7/38 (18%)	8/32 (25%)
FIRST INCIDENCE	435	349	482	567	451

**STATISTICAL TESTS**

LIFE TABLE	P=0.527	P=0.061	P=0.353	P=0.337N	P=0.256
POLY 3	P=0.504N	P=0.028*	P=0.291	P=0.405N	P=0.251
POLY 1.5	P=0.509N	P=0.029*	P=0.299	P=0.407N	P=0.250
POLY 6	P=0.487N	P=0.027*	P=0.282	P=0.400N	P=0.259
LOGISTIC REGRESSION	P=0.487N	P=0.037*	P=0.374	P=0.470N	P=0.317
COCH-ARM / FISHERS	P=0.508N	P=0.032*	P=0.333	P=0.410N	P=0.260
ORDER RESTRICTED	P=0.323	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.331	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

Liver  
 Hepatocellular Carcinoma or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	25/50 (50%)	26/50 (52%)	26/50 (52%)	14/50 (28%)	18/50 (36%)
POLY-3 RATE (b)	25/48.71	26/48.28	26/48.17	14/47.92	18/47.42
POLY-3 PERCENT (g)	51.3%	53.9%	54%	29.2%	38%
TERMINAL (d)	12/33 (36%)	16/35 (46%)	16/35 (46%)	9/38 (24%)	8/32 (25%)
FIRST INCIDENCE	435	349	482	567	451

**STATISTICAL TESTS**

LIFE TABLE	P=0.077N	P=0.522	P=0.506	P=0.020N*	P=0.193N
POLY 3	P=0.035N*	P=0.482	P=0.477	P=0.020N*	P=0.132N
POLY 1.5	P=0.033N*	P=0.491	P=0.473	P=0.019N*	P=0.125N
POLY 6	P=0.036N*	P=0.464	P=0.478	P=0.022N*	P=0.137N
LOGISTIC REGRESSION	P=0.026N*	P=0.542	P=0.550	P=0.025N*	P=0.085N
COCH-ARM / FISHERS	P=0.031N*	P=0.500	P=0.500	P=0.020N*	P=0.113N
ORDER RESTRICTED	P=0.037N*	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.046N*	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Liver  
 Hepatocellular Carcinoma or Hepatocellular Adenoma**

**TUMOR RATES**

OVERALL (a)	42/50 (84%)	42/50 (84%)	33/50 (66%)	37/50 (74%)	41/50 (82%)
POLY-3 RATE (b)	42/48.66	42/49.15	33/46.34	37/48.23	41/49.47
POLY-3 PERCENT (g)	86.3%	85.5%	71.2%	76.7%	82.9%
TERMINAL (d)	30/33 (91%)	30/35 (86%)	26/35 (74%)	31/38 (82%)	26/32 (81%)
FIRST INCIDENCE	435	349	482	567	391

**STATISTICAL TESTS**

LIFE TABLE	P=0.296	P=0.475N	P=0.043N*	P=0.047N*	P=0.545
POLY 3	P=0.544	P=0.570N	P=0.050N*	P=0.159N	P=0.422N
POLY 1.5	P=0.497	P=0.589N	P=0.047N*	P=0.163N	P=0.460N
POLY 6	P=0.517N	P=0.532N	P=0.052N	P=0.147N	P=0.358N
LOGISTIC REGRESSION	P=0.405	P=0.601	P=0.048N*	P=0.133N	P=0.491N
COCH-ARM / FISHERS	P=0.418	P=0.607N	P=0.032N*	P=0.163N	P=0.500N
ORDER RESTRICTED	P=0.189N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.200N	(e)	(e)	(e)	(e)



TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

Liver  
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	46/50 (92%)	42/50 (84%)	37/50 (74%)	37/50 (74%)	41/50 (82%)
POLY-3 RATE (b)	46/49.65	42/49.15	37/48.34	37/48.23	41/49.47
POLY-3 PERCENT (g)	92.7%	85.5%	76.5%	76.7%	82.9%
TERMINAL (d)	30/33 (91%)	30/35 (86%)	26/35 (74%)	31/38 (82%)	26/32 (81%)
FIRST INCIDENCE	435	349	482	567	391

**STATISTICAL TESTS**

LIFE TABLE	P=0.529	P=0.236N	P=0.071N	P=0.011N*	P=0.337N
POLY 3	P=0.323N	P=0.198N	P=0.023N*	P=0.022N*	P=0.114N
POLY 1.5	P=0.329N	P=0.187N	P=0.022N*	P=0.018N*	P=0.114N
POLY 6	P=0.316N	P=0.219N	P=0.023N*	P=0.029N*	P=0.115N
LOGISTIC REGRESSION	P=0.368N	P=0.174N	P=0.020N*	P=0.013N*	P=0.107N
COCH-ARM / FISHERS	P=0.364N	P=0.178N	P=0.016N*	P=0.016N*	P=0.117N
ORDER RESTRICTED	P=0.042N*	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.049N*	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

Liver  
 Ito Cell Tumor Malignant

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/45.17	0/44.27	0/43.47	2/46.89	1/43.89
POLY-3 PERCENT (g)	0%	0%	0%	4.3%	2.3%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	1/38 (3%)	1/32 (3%)
FIRST INCIDENCE	---	---	---	545	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.233	(e)	(e)	P=0.260	P=0.494
POLY 3	P=0.241	(e)	(e)	P=0.246	P=0.494
POLY 1.5	P=0.243	(e)	(e)	P=0.242	P=0.496
POLY 6	P=0.242	(e)	(e)	P=0.250	P=0.495
LOGISTIC REGRESSION	P=0.250	(e)	(e)	P=0.175	P=0.494
COCH-ARM / FISHERS	P=0.247	(e)	(e)	P=0.247	P=0.500
ORDER RESTRICTED	P=0.144	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.160	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Lung  
 Alveolar/Bronchiolar Adenoma**

**TUMOR RATES**

OVERALL (a)	15/50 (30%)	9/50 (18%)	9/50 (18%)	8/50 (16%)	11/50 (22%)
POLY-3 RATE (b)	15/46.07	9/44.88	9/43.9	8/46.45	11/44.27
POLY-3 PERCENT (g)	32.6%	20.1%	20.5%	17.2%	24.9%
TERMINAL (d)	11/33 (33%)	8/35 (23%)	7/35 (20%)	7/38 (18%)	9/32 (28%)
FIRST INCIDENCE	631	533	604	693	632

**STATISTICAL TESTS**

LIFE TABLE	P=0.547N	P=0.105N	P=0.113N	P=0.044N*	P=0.290N
POLY 3	P=0.495N	P=0.130N	P=0.144N	P=0.069N	P=0.282N
POLY 1.5	P=0.492N	P=0.126N	P=0.139N	P=0.071N	P=0.271N
POLY 6	P=0.492N	P=0.138N	P=0.148N	P=0.066N	P=0.287N
LOGISTIC REGRESSION	P=0.492N	P=0.131N	P=0.142N	P=0.063N	P=0.271N
COCH-ARM / FISHERS	P=0.483N	P=0.121N	P=0.121N	P=0.077N	P=0.247N
ORDER RESTRICTED	P=0.144N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.161N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
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 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Lung  
 Alveolar/Bronchiolar Carcinoma**

**TUMOR RATES**

OVERALL (a)	3/50 (6%)	5/50 (10%)	11/50 (22%)	6/50 (12%)	5/50 (10%)
POLY-3 RATE (b)	3/45.52	5/44.82	11/43.98	6/46.31	5/44.34
POLY-3 PERCENT (g)	6.6%	11.2%	25%	13%	11.3%
TERMINAL (d)	2/33 (6%)	3/35 (9%)	8/35 (23%)	6/38 (16%)	4/32 (13%)
FIRST INCIDENCE	631	646	587	729 (T)	600

**STATISTICAL TESTS**

LIFE TABLE	P=0.510N	P=0.364	P=0.028*	P=0.304	P=0.334
POLY 3	P=0.481N	P=0.348	P=0.015*	P=0.250	P=0.342
POLY 1.5	P=0.478N	P=0.351	P=0.016*	P=0.248	P=0.346
POLY 6	P=0.478N	P=0.345	P=0.015*	P=0.254	P=0.342
LOGISTIC REGRESSION	P=0.472N	P=0.355	P=0.018*	P=0.261	P=0.349
COCH-ARM / FISHERS	P=0.465N	P=0.357	P=0.020*	P=0.243	P=0.357
ORDER RESTRICTED	P=0.140	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.154	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

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 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

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

**TUMOR RATES**

OVERALL (a)	16/50 (32%)	12/50 (24%)	16/50 (32%)	13/50 (26%)	16/50 (32%)
POLY-3 RATE (b)	16/46.07	12/45.43	16/44.41	13/46.45	16/44.71
POLY-3 PERCENT (g)	34.7%	26.4%	36%	28%	35.8%
TERMINAL (d)	12/33 (36%)	9/35 (26%)	12/35 (34%)	12/38 (32%)	13/32 (41%)
FIRST INCIDENCE	631	533	587	693	600

**STATISTICAL TESTS**

LIFE TABLE	P=0.343	P=0.230N	P=0.542N	P=0.204N	P=0.532
POLY 3	P=0.394	P=0.262N	P=0.536	P=0.317N	P=0.546
POLY 1.5	P=0.401	P=0.258N	P=0.545	P=0.321N	P=0.556
POLY 6	P=0.396	P=0.265N	P=0.533	P=0.312N	P=0.544
LOGISTIC REGRESSION	P=0.404	P=0.267N	P=0.531	P=0.280N	P=0.546
COCH-ARM / FISHERS	P=0.418	P=0.252N	P=0.585N	P=0.330N	P=0.585N
ORDER RESTRICTED	P=0.515	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.520	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
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 Species/Strain: MICE/B6C3F1

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Mesentery  
 Fibrosarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.17	0/44.27	0/43.47	1/46.89	0/43.89
POLY-3 PERCENT (g)	0%	0%	0%	2.1%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	545	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.793	(e)	(e)	P=0.508	(e)
POLY 3	P=0.787	(e)	(e)	P=0.507	(e)
POLY 1.5	P=0.789	(e)	(e)	P=0.504	(e)
POLY 6	P=0.788	(e)	(e)	P=0.512	(e)
LOGISTIC REGRESSION	P=0.790	(e)	(e)	P=0.308	(e)
COCH-ARM / FISHERS	P=0.793	(e)	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.380	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.392	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Mesentery  
 Hemangiosarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.17	0/44.27	0/43.47	2/46.31	0/43.89
POLY-3 PERCENT (g)	0%	0%	0%	4.3%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	2/38 (5%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.691	(e)	(e)	P=0.270	(e)
POLY 3	P=0.690	(e)	(e)	P=0.243	(e)
POLY 1.5	P=0.693	(e)	(e)	P=0.241	(e)
POLY 6	P=0.692	(e)	(e)	P=0.246	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.270	(e)
COCH-ARM / FISHERS	P=0.697	(e)	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.226	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.239	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
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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	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Mesentery  
 Sarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.17	0/44.27	0/43.47	1/46.84	0/43.89
POLY-3 PERCENT (g)	0%	0%	0%	2.1%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	567	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.792	(e)	(e)	P=0.500	(e)
POLY 3	P=0.787	(e)	(e)	P=0.507	(e)
POLY 1.5	P=0.789	(e)	(e)	P=0.504	(e)
POLY 6	P=0.788	(e)	(e)	P=0.511	(e)
LOGISTIC REGRESSION	P=0.790	(e)	(e)	P=0.351	(e)
COCH-ARM / FISHERS	P=0.793	(e)	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.380	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.392	(e)	(e)	(e)	(e)



TDMS No. 20114 - 06  
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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	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

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

**TUMOR RATES**

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/48 (0%)	0/50 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/44.33	0/43.27	0/41.96	0/46.31	0/41.69
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/34 (0%)	0/34 (0%)	0/38 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(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	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

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

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.17	0/44.27	1/43.47	0/46.31	0/43.89
POLY-3 PERCENT (g)	0%	0%	2.3%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	1/35 (3%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	729 (T)	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.666N	(e)	P=0.512	(e)	(e)
POLY 3	P=0.656N	(e)	P=0.492	(e)	(e)
POLY 1.5	P=0.656N	(e)	P=0.494	(e)	(e)
POLY 6	P=0.655N	(e)	P=0.492	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.512	(e)	(e)
COCH-ARM / FISHERS	P=0.653N	(e)	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.516N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.521N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

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	Males				
DOSE	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

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**Skin  
 Fibrosarcoma**

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TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.17	0/44.27	1/43.47	0/46.31	0/43.89
POLY-3 PERCENT (g)	0%	0%	2.3%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	1/35 (3%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	729 (T)	---	---

**STATISTICAL TESTS**

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LIFE TABLE	P=0.666N	(e)	P=0.512	(e)	(e)
POLY 3	P=0.656N	(e)	P=0.492	(e)	(e)
POLY 1.5	P=0.656N	(e)	P=0.494	(e)	(e)
POLY 6	P=0.655N	(e)	P=0.492	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.512	(e)	(e)
COCH-ARM / FISHERS	P=0.653N	(e)	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.516N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.521N	(e)	(e)	(e)	(e)

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TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

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

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.17	0/44.27	1/43.47	0/46.31	0/43.89
POLY-3 PERCENT (g)	0%	0%	2.3%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	1/35 (3%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	729 (T)	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.666N	(e)	P=0.512	(e)	(e)
POLY 3	P=0.656N	(e)	P=0.492	(e)	(e)
POLY 1.5	P=0.656N	(e)	P=0.494	(e)	(e)
POLY 6	P=0.655N	(e)	P=0.492	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.512	(e)	(e)
COCH-ARM / FISHERS	P=0.653N	(e)	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.516N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.521N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Spleen  
 Hemangiosarcoma**

**TUMOR RATES**

OVERALL (a)	2/49 (4%)	1/48 (2%)	2/49 (4%)	2/49 (4%)	2/46 (4%)
POLY-3 RATE (b)	2/44.88	1/42.63	2/43.53	2/45.89	2/41.43
POLY-3 PERCENT (g)	4.5%	2.4%	4.6%	4.4%	4.8%
TERMINAL (d)	2/33 (6%)	1/35 (3%)	1/35 (3%)	2/38 (5%)	2/31 (7%)
FIRST INCIDENCE	729 (T)	729 (T)	621	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.495	P=0.479N	P=0.690N	P=0.644N	P=0.673
POLY 3	P=0.510	P=0.518N	P=0.683	P=0.686N	P=0.665
POLY 1.5	P=0.508	P=0.514N	P=0.684	P=0.689N	P=0.666
POLY 6	P=0.515	P=0.520N	P=0.685	P=0.681N	P=0.668
LOGISTIC REGRESSION	P=0.514	P=0.479N	P=0.690	P=0.644N	P=0.673
COCH-ARM / FISHERS	P=0.507	P=0.508N	P=0.691N	P=0.691N	P=0.667
ORDER RESTRICTED	P=0.634	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.634	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

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

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.17	0/44.27	0/43.47	2/46.89	0/43.89
POLY-3 PERCENT (g)	0%	0%	0%	4.3%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	1/38 (3%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	545	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.692	(e)	(e)	P=0.260	(e)
POLY 3	P=0.690	(e)	(e)	P=0.246	(e)
POLY 1.5	P=0.692	(e)	(e)	P=0.242	(e)
POLY 6	P=0.691	(e)	(e)	P=0.250	(e)
LOGISTIC REGRESSION	P=0.697	(e)	(e)	P=0.175	(e)
COCH-ARM / FISHERS	P=0.697	(e)	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.228	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.242	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Stomach, Forestomach  
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.17	0/44.27	0/43.47	2/46.89	0/43.89
POLY-3 PERCENT (g)	0%	0%	0%	4.3%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	1/38 (3%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	545	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.692	(e)	(e)	P=0.260	(e)
POLY 3	P=0.690	(e)	(e)	P=0.246	(e)
POLY 1.5	P=0.692	(e)	(e)	P=0.242	(e)
POLY 6	P=0.691	(e)	(e)	P=0.250	(e)
LOGISTIC REGRESSION	P=0.697	(e)	(e)	P=0.175	(e)
COCH-ARM / FISHERS	P=0.697	(e)	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.228	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.242	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Thyroid Gland: Follicular Cell  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.17	1/44.27	1/43.47	1/46.31	0/43.89
POLY-3 PERCENT (g)	2.2%	2.3%	2.3%	2.2%	0%
TERMINAL (d)	1/33 (3%)	1/35 (3%)	1/35 (3%)	1/38 (3%)	0/32 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.318N	P=0.749N	P=0.749N	P=0.730N	P=0.506N
POLY 3	P=0.311N	P=0.756	P=0.752	P=0.755N	P=0.506N
POLY 1.5	P=0.311N	P=0.758	P=0.754	P=0.757N	P=0.504N
POLY 6	P=0.310N	P=0.755	P=0.752	P=0.752N	P=0.505N
LOGISTIC REGRESSION	P=0.318N	P=0.749N	P=0.749N	P=0.730N	(e)
COCH-ARM / FISHERS	P=0.308N	P=0.753N	P=0.753N	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.370N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.381N	(e)	(e)	(e)	(e)



TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**Thyroid Gland: Follicular Cell  
 Carcinoma or Adenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.17	2/44.27	2/43.47	1/46.31	0/43.89
POLY-3 PERCENT (g)	2.2%	4.5%	4.6%	2.2%	0%
TERMINAL (d)	1/33 (3%)	2/35 (6%)	2/35 (6%)	1/38 (3%)	0/32 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.192N	P=0.521	P=0.521	P=0.730N	P=0.506N
POLY 3	P=0.189N	P=0.493	P=0.487	P=0.755N	P=0.506N
POLY 1.5	P=0.188N	P=0.496	P=0.489	P=0.757N	P=0.504N
POLY 6	P=0.188N	P=0.490	P=0.486	P=0.752N	P=0.505N
LOGISTIC REGRESSION	P=0.192N	P=0.521	P=0.521	P=0.730N	(e)
COCH-ARM / FISHERS	P=0.184N	P=0.500	P=0.500	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.235N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.249N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**All Organs  
 Hemangioma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.17	1/44.27	0/43.47	2/46.56	0/43.89
POLY-3 PERCENT (g)	0%	2.3%	0%	4.3%	0%
TERMINAL (d)	0/33 (0%)	1/35 (3%)	0/35 (0%)	1/38 (3%)	0/32 (0%)
FIRST INCIDENCE	---	729 (T)	---	662	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.608N	P=0.512	(e)	P=0.263	(e)
POLY 3	P=0.602N	P=0.496	(e)	P=0.244	(e)
POLY 1.5	P=0.601N	P=0.497	(e)	P=0.241	(e)
POLY 6	P=0.602N	P=0.494	(e)	P=0.248	(e)
LOGISTIC REGRESSION	P=0.599N	P=0.512	(e)	P=0.231	(e)
COCH-ARM / FISHERS	P=0.597N	P=0.500	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.316	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.328	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**All Organs  
 Hemangiosarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	4/50 (8%)	1/50 (2%)	6/50 (12%)	6/50 (12%)	6/50 (12%)
POLY-3 RATE (b)	4/45.17	1/44.27	6/43.85	6/46.79	6/44.11
POLY-3 PERCENT (g)	8.9%	2.3%	13.7%	12.8%	13.6%
TERMINAL (d)	4/33 (12%)	1/35 (3%)	5/35 (14%)	4/38 (11%)	4/32 (13%)
FIRST INCIDENCE	729 (T)	729 (T)	621	645	701

**STATISTICAL TESTS**

LIFE TABLE	P=0.164	P=0.161N	P=0.394	P=0.452	P=0.360
POLY 3	P=0.181	P=0.185N	P=0.350	P=0.392	P=0.354
POLY 1.5	P=0.182	P=0.183N	P=0.353	P=0.383	P=0.358
POLY 6	P=0.186	P=0.186N	P=0.353	P=0.406	P=0.357
LOGISTIC REGRESSION	P=0.182	P=0.161N	P=0.345	P=0.390	P=0.360
COCH-ARM / FISHERS	P=0.188	P=0.181N	P=0.370	P=0.370	P=0.370
ORDER RESTRICTED	P=0.178	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.191	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**All Organs  
 Hemangiosarcoma or Hemangioma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	4/50 (8%)	2/50 (4%)	6/50 (12%)	8/50 (16%)	6/50 (12%)
POLY-3 RATE (b)	4/45.17	2/44.27	6/43.85	8/47.04	6/44.11
POLY-3 PERCENT (g)	8.9%	4.5%	13.7%	17%	13.6%
TERMINAL (d)	4/33 (12%)	2/35 (6%)	5/35 (14%)	5/38 (13%)	4/32 (13%)
FIRST INCIDENCE	729 (T)	729 (T)	621	645	701

**STATISTICAL TESTS**

LIFE TABLE	P=0.203	P=0.309N	P=0.394	P=0.247	P=0.360
POLY 3	P=0.222	P=0.346N	P=0.350	P=0.197	P=0.354
POLY 1.5	P=0.223	P=0.343N	P=0.353	P=0.189	P=0.358
POLY 6	P=0.227	P=0.349N	P=0.353	P=0.210	P=0.357
LOGISTIC REGRESSION	P=0.224	P=0.309N	P=0.345	P=0.188	P=0.360
COCH-ARM / FISHERS	P=0.230	P=0.339N	P=0.370	P=0.178	P=0.370
ORDER RESTRICTED	P=0.168	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.182	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**All Organs  
 Histiocytic Sarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.17	1/44.58	0/43.47	0/46.31	1/44.63
POLY-3 PERCENT (g)	0%	2.2%	0%	0%	2.2%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	---	645	---	---	471

**STATISTICAL TESTS**

LIFE TABLE	P=0.400	P=0.491	(e)	(e)	P=0.492
POLY 3	P=0.408	P=0.497	(e)	(e)	P=0.498
POLY 1.5	P=0.408	P=0.498	(e)	(e)	P=0.498
POLY 6	P=0.410	P=0.497	(e)	(e)	P=0.499
LOGISTIC REGRESSION	P=0.393	P=0.519	(e)	(e)	P=0.700
COCH-ARM / FISHERS	P=0.407	P=0.500	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.221	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.232	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

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

TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/45.41	0/44.27	0/43.47	0/46.31	2/43.89
POLY-3 PERCENT (g)	4.4%	0%	0%	0%	4.6%
TERMINAL (d)	1/33 (3%)	0/35 (0%)	0/35 (0%)	0/38 (0%)	2/32 (6%)
FIRST INCIDENCE	665	---	---	---	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.248	P=0.239N	P=0.239N	P=0.217N	P=0.685
POLY 3	P=0.264	P=0.243N	P=0.247N	P=0.233N	P=0.682
POLY 1.5	P=0.263	P=0.241N	P=0.245N	P=0.235N	P=0.685
POLY 6	P=0.266	P=0.245N	P=0.248N	P=0.230N	P=0.681
LOGISTIC REGRESSION	P=0.258	P=0.237N	P=0.240N	P=0.241N	P=0.686
COCH-ARM / FISHERS	P=0.261	P=0.247N	P=0.247N	P=0.247N	P=0.691N
ORDER RESTRICTED	P=0.184	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.199	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**All Organs  
 Mesothelioma: Benign, Malignant, NOS**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.43	0/44.27	0/43.47	0/46.31	0/43.89
POLY-3 PERCENT (g)	4.4%	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	661	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.308N	P=0.245N	P=0.241N	P=0.223N	P=0.252N
POLY 3	P=0.293N	P=0.243N	P=0.247N	P=0.233N	P=0.245N
POLY 1.5	P=0.296N	P=0.241N	P=0.245N	P=0.235N	P=0.243N
POLY 6	P=0.291N	P=0.246N	P=0.248N	P=0.231N	P=0.245N
LOGISTIC REGRESSION	P=0.304N	P=0.236N	P=0.238N	P=0.242N	P=0.237N
COCH-ARM / FISHERS	P=0.304N	P=0.247N	P=0.247N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.018N*	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.025N*	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**All Organs  
 Mesothelioma: Malignant**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.43	0/44.27	0/43.47	0/46.31	0/43.89
POLY-3 PERCENT (g)	4.4%	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	661	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.308N	P=0.245N	P=0.241N	P=0.223N	P=0.252N
POLY 3	P=0.293N	P=0.243N	P=0.247N	P=0.233N	P=0.245N
POLY 1.5	P=0.296N	P=0.241N	P=0.245N	P=0.235N	P=0.243N
POLY 6	P=0.291N	P=0.246N	P=0.248N	P=0.231N	P=0.245N
LOGISTIC REGRESSION	P=0.304N	P=0.236N	P=0.238N	P=0.242N	P=0.237N
COCH-ARM / FISHERS	P=0.304N	P=0.247N	P=0.247N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.018N*	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.025N*	(e)	(e)	(e)	(e)



TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**All Organs  
 Osteosarcoma or Osteoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.52	0/44.27	0/43.47	0/46.31	0/43.89
POLY-3 PERCENT (g)	2.2%	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)	0/32 (0%)
FIRST INCIDENCE	631	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.544N	P=0.522N	P=0.541N	P=0.513N	P=0.527N
POLY 3	P=0.527N	P=0.506N	P=0.509N	P=0.497N	P=0.507N
POLY 1.5	P=0.530N	P=0.503N	P=0.507N	P=0.498N	P=0.505N
POLY 6	P=0.525N	P=0.508N	P=0.511N	P=0.495N	P=0.508N
LOGISTIC REGRESSION	P=0.537N	P=0.474N	P=0.466N	P=0.560N	P=0.461N
COCH-ARM / FISHERS	P=0.536N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.096N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.111N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**All Organs  
 Benign Tumors**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	42/50 (84%)	37/50 (74%)	33/50 (66%)	42/50 (84%)	37/50 (74%)
POLY-3 RATE (b)	42/48.33	37/46.76	33/45.41	42/48.69	37/48.06
POLY-3 PERCENT (g)	86.9%	79.1%	72.7%	86.3%	77%
TERMINAL (d)	31/33 (94%)	31/35 (89%)	27/35 (77%)	35/38 (92%)	25/32 (78%)
FIRST INCIDENCE	435	533	482	545	391

**STATISTICAL TESTS**

LIFE TABLE	P=0.452	P=0.123N	P=0.032N*	P=0.196N	P=0.313N
POLY 3	P=0.334N	P=0.214N	P=0.058N	P=0.587N	P=0.146N
POLY 1.5	P=0.380N	P=0.196N	P=0.051N	P=0.600N	P=0.158N
POLY 6	P=0.265N	P=0.229N	P=0.061N	P=0.551N	P=0.118N
LOGISTIC REGRESSION	P=0.511N	P=0.191N	P=0.054N	P=0.550N	P=0.184N
COCH-ARM / FISHERS	P=0.460N	P=0.163N	P=0.032N*	P=0.607N	P=0.163N
ORDER RESTRICTED	P=0.156N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.167N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

**All Organs  
 Malignant Tumors**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	31/50 (62%)	29/50 (58%)	36/50 (72%)	28/50 (56%)	29/50 (58%)
POLY-3 RATE (b)	31/49.06	29/48.28	36/48.58	28/48.96	29/47.57
POLY-3 PERCENT (g)	63.2%	60.1%	74.1%	57.2%	61%
TERMINAL (d)	17/33 (52%)	19/35 (54%)	24/35 (69%)	20/38 (53%)	17/32 (53%)
FIRST INCIDENCE	435	349	482	545	451

**STATISTICAL TESTS**

LIFE TABLE	P=0.413N	P=0.406N	P=0.287	P=0.214N	P=0.499N
POLY 3	P=0.337N	P=0.457N	P=0.172	P=0.344N	P=0.493N
POLY 1.5	P=0.318N	P=0.438N	P=0.168	P=0.341N	P=0.469N
POLY 6	P=0.348N	P=0.489N	P=0.172	P=0.354N	P=0.515N
LOGISTIC REGRESSION	P=0.276N	P=0.389N	P=0.208	P=0.380N	P=0.402N
COCH-ARM / FISHERS	P=0.284N	P=0.419N	P=0.198	P=0.342N	P=0.419N
ORDER RESTRICTED	P=0.425N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.436N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

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DOSE	Males				
	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L

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**All Organs  
 Malignant and Benign Tumors**

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TUMOR RATES	#	#	#	#	#
OVERALL (a)	49/50 (98%)	45/50 (90%)	47/50 (94%)	45/50 (90%)	48/50 (96%)
POLY-3 RATE (b)	49/50	45/49.15	47/49	45/49.21	48/50
POLY-3 PERCENT (g)	98%	91.6%	95.9%	91.5%	96%
TERMINAL (d)	32/33 (97%)	33/35 (94%)	33/35 (94%)	36/38 (95%)	30/32 (94%)
FIRST INCIDENCE	435	349	482	545	391

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**STATISTICAL TESTS**

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LIFE TABLE	P=0.312	P=0.220N	P=0.363N	P=0.061N	P=0.528
POLY 3	P=0.552	P=0.146N	P=0.493N	P=0.145N	P=0.500N
POLY 1.5	P=0.524	P=0.123N	P=0.487N	P=0.123N	P=0.500N
POLY 6	P=0.595	P=0.199N	P=0.493N	P=0.185N	P=0.500N
LOGISTIC REGRESSION	P=0.437	P=0.105N	P=0.434N	P=0.093N	(e)
COCH-ARM / FISHERS	P=0.447	P=0.102N	P=0.309N	P=0.102N	P=0.500N
ORDER RESTRICTED	P=0.281N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.288N	(e)	(e)	(e)	(e)

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TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Adrenal Cortex  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.09	0/46.14	1/47.93	0/46.81	0/47.4
POLY-3 PERCENT (g)	0%	0%	2.1%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/45 (2%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	---	---	729 (T)	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.648N	(e)	P=0.539	(e)	(e)
POLY 3	P=0.649N	(e)	P=0.512	(e)	(e)
POLY 1.5	P=0.653N	(e)	P=0.508	(e)	(e)
POLY 6	P=0.644N	(e)	P=0.520	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.539	(e)	(e)
COCH-ARM / FISHERS	P=0.656N	(e)	P=0.505	(e)	(e)
ORDER RESTRICTED	P=0.519N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.525N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Adrenal Medulla  
 Pheochromocytoma Benign**

**TUMOR RATES**

OVERALL (a)	0/49 (0%)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.09	1/46.14	2/47.93	1/46.81	0/47.4
POLY-3 PERCENT (g)	0%	2.2%	4.2%	2.1%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	2/45 (4%)	1/42 (2%)	0/42 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.345N	P=0.511	P=0.283	P=0.525	(e)
POLY 3	P=0.350N	P=0.505	P=0.251	P=0.507	(e)
POLY 1.5	P=0.356N	P=0.504	P=0.246	P=0.505	(e)
POLY 6	P=0.341N	P=0.507	P=0.260	P=0.513	(e)
LOGISTIC REGRESSION	(e)	P=0.511	P=0.283	P=0.525	(e)
COCH-ARM / FISHERS	P=0.359N	P=0.505	P=0.253	P=0.505	(e)
ORDER RESTRICTED	P=0.372N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.385N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Bone  
 Osteosarcoma or Osteoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.11	0/46.14	2/49.16	0/46.81	0/47.4
POLY-3 PERCENT (g)	2.2%	0%	4.1%	0%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	729 (T)	---	311	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.296N	P=0.489N	P=0.538	P=0.475N	P=0.475N
POLY 3	P=0.294N	P=0.496N	P=0.530	P=0.493N	P=0.490N
POLY 1.5	P=0.299N	P=0.497N	P=0.519	P=0.495N	P=0.495N
POLY 6	P=0.289N	P=0.493N	P=0.546	P=0.487N	P=0.484N
LOGISTIC REGRESSION	P=0.256N	(e)	P=0.403	(e)	(e)
COCH-ARM / FISHERS	P=0.304N	P=0.500N	P=0.500	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.299N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.316N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Harderian Gland  
 Adenoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	4/50 (8%)	5/50 (10%)	5/50 (10%)	7/50 (14%)	5/50 (10%)
POLY-3 RATE (b)	4/45.11	5/46.36	5/47.93	7/46.81	5/47.4
POLY-3 PERCENT (g)	8.9%	10.8%	10.4%	15%	10.6%
TERMINAL (d)	4/37 (11%)	4/39 (10%)	5/45 (11%)	7/42 (17%)	5/42 (12%)
FIRST INCIDENCE	729 (T)	671	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.540	P=0.536	P=0.622	P=0.337	P=0.580
POLY 3	P=0.516	P=0.517	P=0.538	P=0.283	P=0.531
POLY 1.5	P=0.503	P=0.511	P=0.522	P=0.275	P=0.517
POLY 6	P=0.529	P=0.528	P=0.562	P=0.298	P=0.550
LOGISTIC REGRESSION	P=0.535	P=0.529	P=0.622	P=0.337	P=0.580
COCH-ARM / FISHERS	P=0.491	P=0.500	P=0.500	P=0.262	P=0.500
ORDER RESTRICTED	P=0.485	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.495	(e)	(e)	(e)	(e)



TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Harderian Gland  
 Carcinoma or Adenoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	5/50 (10%)	5/50 (10%)	6/50 (12%)	7/50 (14%)	6/50 (12%)
POLY-3 RATE (b)	5/45.6	5/46.36	6/48.35	7/46.81	6/47.4
POLY-3 PERCENT (g)	11%	10.8%	12.4%	15%	12.7%
TERMINAL (d)	4/37 (11%)	4/39 (10%)	5/45 (11%)	7/42 (17%)	6/42 (14%)
FIRST INCIDENCE	583	671	611	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.494	P=0.599N	P=0.614	P=0.461	P=0.581
POLY 3	P=0.462	P=0.620N	P=0.541	P=0.398	P=0.527
POLY 1.5	P=0.452	P=0.622N	P=0.524	P=0.391	P=0.515
POLY 6	P=0.472	P=0.613N	P=0.567	P=0.411	P=0.544
LOGISTIC REGRESSION	P=0.464	P=0.623N	P=0.499	P=0.407	P=0.528
COCH-ARM / FISHERS	P=0.444	P=0.630N	P=0.500	P=0.380	P=0.500
ORDER RESTRICTED	P=0.576	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.580	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Intestine Small: Duodenum  
 Adenoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	13/50 (26%)	12/50 (24%)
POLY-3 RATE (b)	0/45.11	0/46.14	2/47.93	13/46.81	12/47.54
POLY-3 PERCENT (g)	0%	0%	4.2%	27.8%	25.2%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	2/45 (4%)	13/42 (31%)	11/42 (26%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)	693

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	P=0.283	P<0.001**	P<0.001**
POLY 3	P<0.001**	(e)	P=0.251	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.245	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.260	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	(e)	P=0.283	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.247	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Intestine Small: Duodenum  
 Carcinoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	6/50 (12%)
POLY-3 RATE (b)	0/45.11	0/46.14	0/47.93	1/46.81	6/47.77
POLY-3 PERCENT (g)	0%	0%	0%	2.1%	12.6%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/45 (0%)	1/42 (2%)	5/42 (12%)
FIRST INCIDENCE	---	---	---	729 (T)	625

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	P=0.525	P=0.026*
POLY 3	P<0.001**	(e)	(e)	P=0.507	P=0.019*
POLY 1.5	P<0.001**	(e)	(e)	P=0.505	P=0.017*
POLY 6	P<0.001**	(e)	(e)	P=0.513	P=0.021*
LOGISTIC REGRESSION	P<0.001**	(e)	(e)	P=0.525	P=0.018*
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.500	P=0.013*
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Intestine Small: Jejunum  
 Adenoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	0/45.11	1/46.14	0/47.93	2/46.81	5/47.4
POLY-3 PERCENT (g)	0%	2.2%	0%	4.3%	10.6%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/45 (0%)	2/42 (5%)	5/42 (12%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.002**	P=0.511	(e)	P=0.267	P=0.045*
POLY 3	P=0.002**	P=0.504	(e)	P=0.246	P=0.035*
POLY 1.5	P=0.002**	P=0.503	(e)	P=0.242	P=0.033*
POLY 6	P=0.002**	P=0.507	(e)	P=0.251	P=0.038*
LOGISTIC REGRESSION	(e)	P=0.511	(e)	P=0.267	P=0.045*
COCH-ARM / FISHERS	P=0.002**	P=0.500	(e)	P=0.247	P=0.028*
ORDER RESTRICTED	P=0.003**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.003**	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Intestine Small: Jejunum  
 Carcinoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/45.11	0/46.14	2/47.93	2/46.81	1/47.4
POLY-3 PERCENT (g)	2.2%	0%	4.2%	4.3%	2.1%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	2/45 (4%)	2/42 (5%)	1/42 (2%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.614	P=0.489N	P=0.568	P=0.544	P=0.733N
POLY 3	P=0.609	P=0.496N	P=0.521	P=0.513	P=0.749N
POLY 1.5	P=0.600	P=0.497N	P=0.512	P=0.508	P=0.754N
POLY 6	P=0.618	P=0.493N	P=0.535	P=0.522	P=0.743N
LOGISTIC REGRESSION	P=0.614	(e)	P=0.568	P=0.544	P=0.733N
COCH-ARM / FISHERS	P=0.593	P=0.500N	P=0.500	P=0.500	P=0.753N
ORDER RESTRICTED	P=0.405	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.420	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Intestine Small: Site Unspecified  
 Adenoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	15/50 (30%)	16/50 (32%)
POLY-3 RATE (b)	0/45.11	1/46.14	2/47.93	15/46.81	16/47.54
POLY-3 PERCENT (g)	0%	2.2%	4.2%	32%	33.7%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	2/45 (4%)	15/42 (36%)	15/42 (36%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)	693

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.511	P=0.283	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.504	P=0.251	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.503	P=0.245	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.507	P=0.260	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.511	P=0.283	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.247	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Intestine Small: Site Unspecified  
 Carcinoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	3/50 (6%)	7/50 (14%)
POLY-3 RATE (b)	1/45.11	0/46.14	2/47.93	3/46.81	7/47.77
POLY-3 PERCENT (g)	2.2%	0%	4.2%	6.4%	14.7%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	2/45 (4%)	3/42 (7%)	6/42 (14%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)	625

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.489N	P=0.568	P=0.351	P=0.049*
POLY 3	P<0.001**	P=0.496N	P=0.521	P=0.319	P=0.037*
POLY 1.5	P<0.001**	P=0.497N	P=0.512	P=0.314	P=0.034*
POLY 6	P<0.001**	P=0.493N	P=0.535	P=0.328	P=0.041*
LOGISTIC REGRESSION	P<0.001**	(e)	P=0.568	P=0.351	P=0.036*
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.500	P=0.309	P=0.030*
ORDER RESTRICTED	P=0.002**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.002**	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

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

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	4/50 (8%)	17/50 (34%)	22/50 (44%)
POLY-3 RATE (b)	1/45.11	1/46.14	4/47.93	17/46.81	22/47.91
POLY-3 PERCENT (g)	2.2%	2.2%	8.3%	36.3%	45.9%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	4/45 (9%)	17/42 (41%)	20/42 (48%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)	625

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.750N	P=0.243	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.756N	P=0.198	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.757N	P=0.190	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.753N	P=0.211	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.750N	P=0.243	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.753N	P=0.181	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)



TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Islets, Pancreatic  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	1/49 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.82	0/46.14	0/47.93	0/46.81	0/47.4
POLY-3 PERCENT (g)	2.2%	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	623	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.531N	P=0.496N	P=0.491N	P=0.500N	P=0.483N
POLY 3	P=0.546N	P=0.494N	P=0.487N	P=0.491N	P=0.489N
POLY 1.5	P=0.544N	P=0.494N	P=0.490N	P=0.493N	P=0.492N
POLY 6	P=0.549N	P=0.494N	P=0.481N	P=0.488N	P=0.485N
LOGISTIC REGRESSION	P=0.525N	P=0.536N	P=0.531N	P=0.539N	P=0.503N
COCH-ARM / FISHERS	P=0.540N	P=0.495N	P=0.495N	P=0.495N	P=0.495N
ORDER RESTRICTED	P=0.082N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.097N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Islets, Pancreatic  
 Carcinoma or Adenoma**

**TUMOR RATES**

OVERALL (a)	1/49 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.82	0/46.14	1/47.96	0/46.81	0/47.4
POLY-3 PERCENT (g)	2.2%	0%	2.1%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	623	---	722	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.381N	P=0.496N	P=0.731N	P=0.500N	P=0.483N
POLY 3	P=0.387N	P=0.494N	P=0.745N	P=0.491N	P=0.489N
POLY 1.5	P=0.389N	P=0.494N	P=0.750N	P=0.493N	P=0.492N
POLY 6	P=0.385N	P=0.494N	P=0.739N	P=0.488N	P=0.485N
LOGISTIC REGRESSION	P=0.388N	P=0.536N	P=0.752	P=0.539N	P=0.503N
COCH-ARM / FISHERS	P=0.390N	P=0.495N	P=0.747N	P=0.495N	P=0.495N
ORDER RESTRICTED	P=0.212N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.229N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

Liver  
 Hemangiosarcoma

**TUMOR RATES**

OVERALL (a)	1/49 (2%)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.32	3/46.3	0/47.93	0/46.81	0/47.4
POLY-3 PERCENT (g)	2.2%	6.5%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	688	688	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.144N	P=0.332	P=0.477N	P=0.486N	P=0.481N
POLY 3	P=0.149N	P=0.313	P=0.489N	P=0.494N	P=0.491N
POLY 1.5	P=0.149N	P=0.312	P=0.493N	P=0.495N	P=0.494N
POLY 6	P=0.150N	P=0.317	P=0.482N	P=0.489N	P=0.486N
LOGISTIC REGRESSION	P=0.150N	P=0.313	P=0.486N	P=0.480N	P=0.483N
COCH-ARM / FISHERS	P=0.150N	P=0.316	P=0.495N	P=0.495N	P=0.495N
ORDER RESTRICTED	P=0.082N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.095N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

Liver  
 Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.09	0/46.14	0/47.93	0/46.81	0/47.4
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	---	---	---	---	---

**STATISTICAL TESTS**

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

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

Liver  
 Hepatocellular Adenoma

**TUMOR RATES**

OVERALL (a)	14/49 (29%)	21/50 (42%)	13/50 (26%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	14/45.22	21/46.14	13/47.93	6/46.81	3/47.4
POLY-3 PERCENT (g)	31%	45.5%	27.1%	12.8%	6.3%
TERMINAL (d)	13/37 (35%)	21/39 (54%)	13/45 (29%)	6/42 (14%)	3/42 (7%)
FIRST INCIDENCE	696	729 (T)	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P<0.001N**	P=0.128	P=0.272N	P=0.018N*	P<0.001N**
POLY 3	P<0.001N**	P=0.109	P=0.429N	P=0.029N*	P=0.002N**
POLY 1.5	P<0.001N**	P=0.110	P=0.455N	P=0.032N*	P=0.002N**
POLY 6	P<0.001N**	P=0.112	P=0.385N	P=0.025N*	P<0.001N**
LOGISTIC REGRESSION	P<0.001N**	P=0.145	P=0.289N	P=0.017N*	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.117	P=0.475N	P=0.035N*	P=0.003N**
ORDER RESTRICTED	P<0.001N**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001N**	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

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DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

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Liver  
 Hepatocellular Carcinoma

**TUMOR RATES**

OVERALL (a)	8/49 (16%)	10/50 (20%)	7/50 (14%)	6/50 (12%)	7/50 (14%)
POLY-3 RATE (b)	8/45.22	10/47	7/47.93	6/47.37	7/47.91
POLY-3 PERCENT (g)	17.7%	21.3%	14.6%	12.7%	14.6%
TERMINAL (d)	7/37 (19%)	7/39 (18%)	7/45 (16%)	5/42 (12%)	4/42 (10%)
FIRST INCIDENCE	696	629	729 (T)	555	664

**STATISTICAL TESTS**

LIFE TABLE	P=0.303N	P=0.447	P=0.341N	P=0.300N	P=0.398N
POLY 3	P=0.327N	P=0.432	P=0.451N	P=0.351N	P=0.452N
POLY 1.5	P=0.339N	P=0.422	P=0.469N	P=0.362N	P=0.471N
POLY 6	P=0.311N	P=0.454	P=0.421N	P=0.329N	P=0.422N
LOGISTIC REGRESSION	P=0.340N	P=0.418	P=0.367N	P=0.362N	P=0.456N
COCH-ARM / FISHERS	P=0.344N	P=0.416	P=0.483N	P=0.371N	P=0.483N
ORDER RESTRICTED	P=0.387N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.402N	(e)	(e)	(e)	(e)

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TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

Liver  
 Hepatocellular Carcinoma or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	8/49 (16%)	10/50 (20%)	7/50 (14%)	6/50 (12%)	7/50 (14%)
POLY-3 RATE (b)	8/45.22	10/47	7/47.93	6/47.37	7/47.91
POLY-3 PERCENT (g)	17.7%	21.3%	14.6%	12.7%	14.6%
TERMINAL (d)	7/37 (19%)	7/39 (18%)	7/45 (16%)	5/42 (12%)	4/42 (10%)
FIRST INCIDENCE	696	629	729 (T)	555	664

**STATISTICAL TESTS**

LIFE TABLE	P=0.303N	P=0.447	P=0.341N	P=0.300N	P=0.398N
POLY 3	P=0.327N	P=0.432	P=0.451N	P=0.351N	P=0.452N
POLY 1.5	P=0.339N	P=0.422	P=0.469N	P=0.362N	P=0.471N
POLY 6	P=0.311N	P=0.454	P=0.421N	P=0.329N	P=0.422N
LOGISTIC REGRESSION	P=0.340N	P=0.418	P=0.367N	P=0.362N	P=0.456N
COCH-ARM / FISHERS	P=0.344N	P=0.416	P=0.483N	P=0.371N	P=0.483N
ORDER RESTRICTED	P=0.387N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.402N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

Liver  
 Hepatocellular Carcinoma or Hepatocellular Adenoma

**TUMOR RATES**

OVERALL (a)	17/49 (35%)	25/50 (50%)	17/50 (34%)	10/50 (20%)	10/50 (20%)
POLY-3 RATE (b)	17/45.22	25/47	17/47.93	10/47.37	10/47.91
POLY-3 PERCENT (g)	37.6%	53.2%	35.5%	21.1%	20.9%
TERMINAL (d)	16/37 (43%)	22/39 (56%)	17/45 (38%)	9/42 (21%)	7/42 (17%)
FIRST INCIDENCE	696	629	729 (T)	555	664

**STATISTICAL TESTS**

LIFE TABLE	P=0.003N**	P=0.111	P=0.306N	P=0.040N*	P=0.044N*
POLY 3	P=0.003N**	P=0.094	P=0.501N	P=0.062N	P=0.058N
POLY 1.5	P=0.003N**	P=0.089	P=0.531N	P=0.070N	P=0.069N
POLY 6	P=0.002N**	P=0.109	P=0.448N	P=0.050N*	P=0.045N*
LOGISTIC REGRESSION	P=0.003N**	P=0.098	P=0.322N	P=0.058N	P=0.047N*
COCH-ARM / FISHERS	P=0.005N**	P=0.090	P=0.555N	P=0.078N	P=0.078N
ORDER RESTRICTED	P=0.006N**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.004N**	(e)	(e)	(e)	(e)



TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

Liver  
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	17/49 (35%)	25/50 (50%)	17/50 (34%)	10/50 (20%)	10/50 (20%)
POLY-3 RATE (b)	17/45.22	25/47	17/47.93	10/47.37	10/47.91
POLY-3 PERCENT (g)	37.6%	53.2%	35.5%	21.1%	20.9%
TERMINAL (d)	16/37 (43%)	22/39 (56%)	17/45 (38%)	9/42 (21%)	7/42 (17%)
FIRST INCIDENCE	696	629	729 (T)	555	664

**STATISTICAL TESTS**

LIFE TABLE	P=0.003N**	P=0.111	P=0.306N	P=0.040N*	P=0.044N*
POLY 3	P=0.003N**	P=0.094	P=0.501N	P=0.062N	P=0.058N
POLY 1.5	P=0.003N**	P=0.089	P=0.531N	P=0.070N	P=0.069N
POLY 6	P=0.002N**	P=0.109	P=0.448N	P=0.050N*	P=0.045N*
LOGISTIC REGRESSION	P=0.003N**	P=0.098	P=0.322N	P=0.058N	P=0.047N*
COCH-ARM / FISHERS	P=0.005N**	P=0.090	P=0.555N	P=0.078N	P=0.078N
ORDER RESTRICTED	P=0.006N**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.004N**	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

Liver  
 Ito Cell Tumor Malignant

**TUMOR RATES**

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.09	0/46.14	0/47.93	0/46.81	0/47.4
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	---	---	---	---	---

**STATISTICAL TESTS**

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

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Lung  
 Alveolar/Bronchiolar Adenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	5/50 (10%)	7/50 (14%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/45.11	5/46.14	7/47.96	2/46.81	2/47.77
POLY-3 PERCENT (g)	2.2%	10.8%	14.6%	4.3%	4.2%
TERMINAL (d)	1/37 (3%)	5/39 (13%)	6/45 (13%)	2/42 (5%)	1/42 (2%)
FIRST INCIDENCE	729 (T)	729 (T)	722	729 (T)	625

**STATISTICAL TESTS**

LIFE TABLE	P=0.204N	P=0.115	P=0.061	P=0.544	P=0.542
POLY 3	P=0.205N	P=0.106	P=0.037*	P=0.513	P=0.520
POLY 1.5	P=0.216N	P=0.105	P=0.034*	P=0.508	P=0.511
POLY 6	P=0.190N	P=0.109	P=0.042*	P=0.522	P=0.532
LOGISTIC REGRESSION	P=0.212N	P=0.115	P=0.055	P=0.544	P=0.495
COCH-ARM / FISHERS	P=0.231N	P=0.102	P=0.030*	P=0.500	P=0.500
ORDER RESTRICTED	P=0.206	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.227	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Lung  
 Alveolar/Bronchiolar Carcinoma**

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	2/50 (4%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.11	2/46.14	2/47.93	1/47.26	0/47.4
POLY-3 PERCENT (g)	4.4%	4.3%	4.2%	2.1%	0%
TERMINAL (d)	2/37 (5%)	2/39 (5%)	2/45 (4%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	599	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.115N	P=0.676N	P=0.623N	P=0.471N	P=0.211N
POLY 3	P=0.121N	P=0.686N	P=0.672N	P=0.484N	P=0.226N
POLY 1.5	P=0.123N	P=0.688N	P=0.681N	P=0.490N	P=0.231N
POLY 6	P=0.118N	P=0.681N	P=0.657N	P=0.473N	P=0.220N
LOGISTIC REGRESSION	P=0.124N	P=0.676N	P=0.623N	P=0.514N	(e)
COCH-ARM / FISHERS	P=0.125N	P=0.691N	P=0.691N	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.181N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.200N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

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

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	7/50 (14%)	9/50 (18%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	2/45.11	7/46.14	9/47.96	3/47.26	2/47.77
POLY-3 PERCENT (g)	4.4%	15.2%	18.8%	6.4%	4.2%
TERMINAL (d)	2/37 (5%)	7/39 (18%)	8/45 (18%)	2/42 (5%)	1/42 (2%)
FIRST INCIDENCE	729 (T)	729 (T)	722	599	625

**STATISTICAL TESTS**

LIFE TABLE	P=0.078N	P=0.092	P=0.058	P=0.546	P=0.649N
POLY 3	P=0.075N	P=0.084	P=0.032*	P=0.521	P=0.673N
POLY 1.5	P=0.082N	P=0.083	P=0.029*	P=0.513	P=0.682N
POLY 6	P=0.067N	P=0.087	P=0.038*	P=0.535	P=0.660N
LOGISTIC REGRESSION	P=0.085N	P=0.092	P=0.053	P=0.501	P=0.695N
COCH-ARM / FISHERS	P=0.093N	P=0.080	P=0.026*	P=0.500	P=0.691N
ORDER RESTRICTED	P=0.126N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.132N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Mesentery  
 Fibrosarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/45.39	0/46.14	0/47.93	0/46.81	0/47.4
POLY-3 PERCENT (g)	6.6%	0%	0%	0%	0%
TERMINAL (d)	2/37 (5%)	0/39 (0%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	655	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.187N	P=0.114N	P=0.096N	P=0.106N	P=0.104N
POLY 3	P=0.197N	P=0.116N	P=0.109N	P=0.113N	P=0.111N
POLY 1.5	P=0.195N	P=0.117N	P=0.113N	P=0.115N	P=0.115N
POLY 6	P=0.201N	P=0.114N	P=0.104N	P=0.110N	P=0.107N
LOGISTIC REGRESSION	P=0.195N	P=0.119N	P=0.119N	P=0.119N	P=0.119N
COCH-ARM / FISHERS	P=0.195N	P=0.121N	P=0.121N	P=0.121N	P=0.121N
ORDER RESTRICTED	P=0.003N**	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.004N**	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Mesentery  
 Hemangiosarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.11	0/46.14	0/47.93	0/46.81	0/47.4
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	---	---	---	---	---

**STATISTICAL TESTS**

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

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Mesentery  
 Sarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.11	2/46.27	2/48.33	0/46.81	0/47.4
POLY-3 PERCENT (g)	0%	4.3%	4.1%	0%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	1/45 (2%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	---	695	615	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.212N	P=0.251	P=0.266	(e)	(e)
POLY 3	P=0.210N	P=0.243	P=0.253	(e)	(e)
POLY 1.5	P=0.215N	P=0.241	P=0.246	(e)	(e)
POLY 6	P=0.205N	P=0.246	P=0.263	(e)	(e)
LOGISTIC REGRESSION	P=0.222N	P=0.241	P=0.217	(e)	(e)
COCH-ARM / FISHERS	P=0.221N	P=0.247	P=0.247	(e)	(e)
ORDER RESTRICTED	P=0.249N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.267N	(e)	(e)	(e)	(e)



TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Ovary  
 Cystadenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	3/49 (6%)	3/47 (6%)	2/48 (4%)	2/49 (4%)
POLY-3 RATE (b)	1/45.25	3/45.14	3/44.93	2/45.25	2/46.4
POLY-3 PERCENT (g)	2.2%	6.7%	6.7%	4.4%	4.3%
TERMINAL (d)	0/37 (0%)	3/38 (8%)	3/42 (7%)	2/41 (5%)	2/41 (5%)
FIRST INCIDENCE	695	729 (T)	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.527N	P=0.318	P=0.356	P=0.538	P=0.535
POLY 3	P=0.541N	P=0.304	P=0.303	P=0.500	P=0.509
POLY 1.5	P=0.549N	P=0.303	P=0.295	P=0.495	P=0.502
POLY 6	P=0.531N	P=0.308	P=0.315	P=0.510	P=0.518
LOGISTIC REGRESSION	P=0.530N	P=0.310	P=0.309	P=0.503	P=0.511
COCH-ARM / FISHERS	P=0.558N	P=0.301	P=0.285	P=0.485	P=0.492
ORDER RESTRICTED	P=0.403	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.419	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

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

**TUMOR RATES**

OVERALL (a)	3/48 (6%)	3/48 (6%)	2/48 (4%)	3/48 (6%)	3/49 (6%)
POLY-3 RATE (b)	3/45.12	3/44.14	2/46.35	3/44.82	3/46.4
POLY-3 PERCENT (g)	6.7%	6.8%	4.3%	6.7%	6.5%
TERMINAL (d)	1/37 (3%)	3/37 (8%)	2/44 (5%)	3/41 (7%)	3/41 (7%)
FIRST INCIDENCE	552	729 (T)	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.576	P=0.658N	P=0.436N	P=0.619N	P=0.619N
POLY 3	P=0.559	P=0.652	P=0.488N	P=0.659	P=0.649N
POLY 1.5	P=0.555	P=0.655	P=0.495N	P=0.659	P=0.654N
POLY 6	P=0.563	P=0.651	P=0.474N	P=0.661N	P=0.642N
LOGISTIC REGRESSION	P=0.558	P=0.653N	P=0.501N	P=0.657N	P=0.649N
COCH-ARM / FISHERS	P=0.556	P=0.661N	P=0.500N	P=0.661N	P=0.651N
ORDER RESTRICTED	P=0.713N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.710N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

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

TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/45.25	3/46.88	2/47.93	2/47.12	3/47.95
POLY-3 PERCENT (g)	4.4%	6.4%	4.2%	4.2%	6.3%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	2/45 (4%)	1/42 (2%)	1/42 (2%)
FIRST INCIDENCE	695	461	729 (T)	646	646

**STATISTICAL TESTS**

LIFE TABLE	P=0.498	P=0.521	P=0.624N	P=0.652N	P=0.554
POLY 3	P=0.484	P=0.516	P=0.673N	P=0.679N	P=0.526
POLY 1.5	P=0.475	P=0.511	P=0.681N	P=0.685N	P=0.514
POLY 6	P=0.495	P=0.523	P=0.659N	P=0.669N	P=0.543
LOGISTIC REGRESSION	P=0.464	P=0.470	P=0.668N	P=0.693	P=0.493
COCH-ARM / FISHERS	P=0.467	P=0.500	P=0.691N	P=0.691N	P=0.500
ORDER RESTRICTED	P=0.592	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.596	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Skin  
 Fibrosarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/45.11	2/46.88	1/47.93	1/46.81	2/47.64
POLY-3 PERCENT (g)	2.2%	4.3%	2.1%	2.1%	4.2%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	1/45 (2%)	1/42 (2%)	1/42 (2%)
FIRST INCIDENCE	729 (T)	461	729 (T)	729 (T)	664

**STATISTICAL TESTS**

LIFE TABLE	P=0.477	P=0.515	P=0.717N	P=0.733N	P=0.543
POLY 3	P=0.468	P=0.513	P=0.747N	P=0.752N	P=0.519
POLY 1.5	P=0.462	P=0.509	P=0.753N	P=0.755N	P=0.510
POLY 6	P=0.475	P=0.520	P=0.738N	P=0.747N	P=0.531
LOGISTIC REGRESSION	P=0.456	P=0.450	P=0.717N	P=0.733N	P=0.504
COCH-ARM / FISHERS	P=0.457	P=0.500	P=0.753N	P=0.753N	P=0.500
ORDER RESTRICTED	P=0.503	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.512	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

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

TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/45.25	3/46.88	2/47.93	2/47.12	3/47.95
POLY-3 PERCENT (g)	4.4%	6.4%	4.2%	4.2%	6.3%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	2/45 (4%)	1/42 (2%)	1/42 (2%)
FIRST INCIDENCE	695	461	729 (T)	646	646

**STATISTICAL TESTS**

LIFE TABLE	P=0.498	P=0.521	P=0.624N	P=0.652N	P=0.554
POLY 3	P=0.484	P=0.516	P=0.673N	P=0.679N	P=0.526
POLY 1.5	P=0.475	P=0.511	P=0.681N	P=0.685N	P=0.514
POLY 6	P=0.495	P=0.523	P=0.659N	P=0.669N	P=0.543
LOGISTIC REGRESSION	P=0.464	P=0.470	P=0.668N	P=0.693	P=0.493
COCH-ARM / FISHERS	P=0.467	P=0.500	P=0.691N	P=0.691N	P=0.500
ORDER RESTRICTED	P=0.592	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.596	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Spleen  
 Hemangiosarcoma**

**TUMOR RATES**

OVERALL (a)	1/48 (2%)	1/48 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.91	1/45.24	1/47.93	1/46.81	0/47.4
POLY-3 PERCENT (g)	2.2%	2.2%	2.1%	2.1%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	1/45 (2%)	1/42 (2%)	0/42 (0%)
FIRST INCIDENCE	583	729 (T)	729 (T)	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.294N	P=0.759N	P=0.736N	P=0.749N	P=0.496N
POLY 3	P=0.299N	P=0.759N	P=0.746N	P=0.751N	P=0.489N
POLY 1.5	P=0.301N	P=0.760N	P=0.749N	P=0.752N	P=0.492N
POLY 6	P=0.297N	P=0.757N	P=0.740N	P=0.748N	P=0.485N
LOGISTIC REGRESSION	P=0.289N	P=0.758N	P=0.739N	P=0.729N	P=0.418N
COCH-ARM / FISHERS	P=0.299N	P=0.753N	P=0.742N	P=0.742N	P=0.490N
ORDER RESTRICTED	P=0.361N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.373N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

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

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/45.51	2/46.14	0/47.93	0/46.81	3/47.4
POLY-3 PERCENT (g)	2.2%	4.3%	0%	0%	6.3%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	0/45 (0%)	0/42 (0%)	3/42 (7%)
FIRST INCIDENCE	616	729 (T)	---	---	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.159	P=0.512	P=0.496N	P=0.504N	P=0.347
POLY 3	P=0.145	P=0.505	P=0.490N	P=0.494N	P=0.320
POLY 1.5	P=0.144	P=0.504	P=0.494N	P=0.496N	P=0.314
POLY 6	P=0.145	P=0.507	P=0.483N	P=0.490N	P=0.329
LOGISTIC REGRESSION	P=0.145	P=0.494	P=0.539N	P=0.548N	P=0.303
COCH-ARM / FISHERS	P=0.144	P=0.500	P=0.500N	P=0.500N	P=0.309
ORDER RESTRICTED	P=0.123	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.140	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Stomach, Forestomach  
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/45.51	2/46.14	0/47.93	0/46.81	3/47.4
POLY-3 PERCENT (g)	2.2%	4.3%	0%	0%	6.3%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	0/45 (0%)	0/42 (0%)	3/42 (7%)
FIRST INCIDENCE	616	729 (T)	---	---	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.159	P=0.512	P=0.496N	P=0.504N	P=0.347
POLY 3	P=0.145	P=0.505	P=0.490N	P=0.494N	P=0.320
POLY 1.5	P=0.144	P=0.504	P=0.494N	P=0.496N	P=0.314
POLY 6	P=0.145	P=0.507	P=0.483N	P=0.490N	P=0.329
LOGISTIC REGRESSION	P=0.145	P=0.494	P=0.539N	P=0.548N	P=0.303
COCH-ARM / FISHERS	P=0.144	P=0.500	P=0.500N	P=0.500N	P=0.309
ORDER RESTRICTED	P=0.123	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.140	(e)	(e)	(e)	(e)



TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Thyroid Gland: Follicular Cell  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/45.11	0/46.14	1/47.93	0/45.85	2/47.4
POLY-3 PERCENT (g)	2.2%	0%	2.1%	0%	4.2%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	1/45 (2%)	0/42 (0%)	2/42 (5%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.222	P=0.489N	P=0.717N	P=0.475N	P=0.544
POLY 3	P=0.214	P=0.496N	P=0.747N	P=0.497N	P=0.517
POLY 1.5	P=0.211	P=0.497N	P=0.753N	P=0.500N	P=0.509
POLY 6	P=0.217	P=0.493N	P=0.738N	P=0.492N	P=0.528
LOGISTIC REGRESSION	P=0.222	(e)	P=0.717N	(e)	P=0.544
COCH-ARM / FISHERS	P=0.208	P=0.500N	P=0.753N	P=0.505N	P=0.500
ORDER RESTRICTED	P=0.211	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.231	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Thyroid Gland: Follicular Cell  
 Carcinoma or Adenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/49 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/45.11	0/46.14	1/47.93	1/45.85	2/47.4
POLY-3 PERCENT (g)	2.2%	0%	2.1%	2.2%	4.2%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	1/45 (2%)	1/42 (2%)	2/42 (5%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)	729 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.235	P=0.489N	P=0.717N	P=0.733N	P=0.544
POLY 3	P=0.228	P=0.496N	P=0.747N	P=0.757N	P=0.517
POLY 1.5	P=0.224	P=0.497N	P=0.753N	P=0.760N	P=0.509
POLY 6	P=0.232	P=0.493N	P=0.738N	P=0.751N	P=0.528
LOGISTIC REGRESSION	P=0.235	(e)	P=0.717N	P=0.733N	P=0.544
COCH-ARM / FISHERS	P=0.219	P=0.500N	P=0.753N	P=0.747	P=0.500
ORDER RESTRICTED	P=0.262	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.281	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**Uterus  
 Hemangiosarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.11	0/46.14	0/47.93	2/46.81	0/47.4
POLY-3 PERCENT (g)	0%	0%	0%	4.3%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/45 (0%)	2/42 (5%)	0/42 (0%)
FIRST INCIDENCE	---	---	---	729 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.698	(e)	(e)	P=0.267	(e)
POLY 3	P=0.701	(e)	(e)	P=0.246	(e)
POLY 1.5	P=0.694	(e)	(e)	P=0.242	(e)
POLY 6	P=0.708	(e)	(e)	P=0.251	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.267	(e)
COCH-ARM / FISHERS	P=0.687	(e)	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.228	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.247	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**All Organs  
 Hemangioma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.11	0/46.14	2/47.93	0/46.81	0/47.4
POLY-3 PERCENT (g)	2.2%	0%	4.2%	0%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	2/45 (4%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.291N	P=0.489N	P=0.568	P=0.475N	P=0.475N
POLY 3	P=0.296N	P=0.496N	P=0.521	P=0.493N	P=0.490N
POLY 1.5	P=0.300N	P=0.497N	P=0.512	P=0.495N	P=0.495N
POLY 6	P=0.291N	P=0.493N	P=0.535	P=0.487N	P=0.484N
LOGISTIC REGRESSION	P=0.291N	(e)	P=0.568	(e)	(e)
COCH-ARM / FISHERS	P=0.304N	P=0.500N	P=0.500	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.299N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.316N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**All Organs  
 Hemangiosarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	2/45.83	3/46.3	2/47.93	4/47.12	0/47.4
POLY-3 PERCENT (g)	4.4%	6.5%	4.2%	8.5%	0%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	2/45 (4%)	3/42 (7%)	0/42 (0%)
FIRST INCIDENCE	583	688	729 (T)	646	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.134N	P=0.521	P=0.645N	P=0.379	P=0.227N
POLY 3	P=0.140N	P=0.505	P=0.677N	P=0.350	P=0.230N
POLY 1.5	P=0.144N	P=0.504	P=0.684N	P=0.346	P=0.233N
POLY 6	P=0.137N	P=0.507	P=0.667N	P=0.359	P=0.225N
LOGISTIC REGRESSION	P=0.148N	P=0.481	P=0.671	P=0.312	P=0.244N
COCH-ARM / FISHERS	P=0.147N	P=0.500	P=0.691N	P=0.339	P=0.247N
ORDER RESTRICTED	P=0.149N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.166N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**All Organs  
 Hemangiosarcoma or Hemangioma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	3/50 (6%)	3/50 (6%)	4/50 (8%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	3/45.83	3/46.3	4/47.93	4/47.12	0/47.4
POLY-3 PERCENT (g)	6.6%	6.5%	8.3%	8.5%	0%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	4/45 (9%)	3/42 (7%)	0/42 (0%)
FIRST INCIDENCE	583	688	729 (T)	646	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.069N	P=0.638N	P=0.585	P=0.548	P=0.110N
POLY 3	P=0.072N	P=0.658N	P=0.524	P=0.515	P=0.113N
POLY 1.5	P=0.074N	P=0.658N	P=0.514	P=0.510	P=0.116N
POLY 6	P=0.069N	P=0.655N	P=0.540	P=0.526	P=0.109N
LOGISTIC REGRESSION	P=0.077N	P=0.653	P=0.490	P=0.481	P=0.126N
COCH-ARM / FISHERS	P=0.077N	P=0.661N	P=0.500	P=0.500	P=0.121N
ORDER RESTRICTED	P=0.104N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.119N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**All Organs  
 Histiocytic Sarcoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/45.45	1/46.49	0/47.93	1/46.85	1/47.7
POLY-3 PERCENT (g)	4.4%	2.2%	0%	2.1%	2.1%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	636	629	---	719	646

**STATISTICAL TESTS**

LIFE TABLE	P=0.583N	P=0.489N	P=0.211N	P=0.463N	P=0.460N
POLY 3	P=0.605N	P=0.492N	P=0.226N	P=0.489N	P=0.483N
POLY 1.5	P=0.606N	P=0.494N	P=0.230N	P=0.493N	P=0.491N
POLY 6	P=0.605N	P=0.487N	P=0.218N	P=0.482N	P=0.473N
LOGISTIC REGRESSION	P=0.604N	P=0.527N	P=0.249N	P=0.506N	P=0.511N
COCH-ARM / FISHERS	P=0.606N	P=0.500N	P=0.247N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.277N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.295N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

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DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

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

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TUMOR RATES	#	#	#	#	#
OVERALL (a)	7/50 (14%)	3/50 (6%)	2/50 (4%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	7/45.77	3/46.71	2/47.93	5/48.05	5/47.68
POLY-3 PERCENT (g)	15.3%	6.4%	4.2%	10.4%	10.5%
TERMINAL (d)	4/37 (11%)	1/39 (3%)	2/45 (4%)	2/42 (5%)	4/42 (10%)
FIRST INCIDENCE	616	632	729 (T)	428	652

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**STATISTICAL TESTS**

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LIFE TABLE	P=0.502	P=0.149N	P=0.051N	P=0.320N	P=0.306N
POLY 3	P=0.472	P=0.149N	P=0.068N	P=0.346N	P=0.351N
POLY 1.5	P=0.466	P=0.152N	P=0.073N	P=0.357N	P=0.364N
POLY 6	P=0.477	P=0.144N	P=0.062N	P=0.329N	P=0.335N
LOGISTIC REGRESSION	P=0.456	P=0.162N	P=0.077N	P=0.417N	P=0.371N
COCH-ARM / FISHERS	P=0.461	P=0.159N	P=0.080N	P=0.380N	P=0.380N
ORDER RESTRICTED	P=0.185N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.202N	(e)	(e)	(e)	(e)

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TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

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DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

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**All Organs  
 Mesothelioma: Benign, Malignant, NOS**

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TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.11	0/46.14	0/47.93	0/46.81	0/47.4
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	---	---	---	---	---

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**STATISTICAL TESTS**

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

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TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

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DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

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**All Organs  
 Mesothelioma: Malignant**

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TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.11	0/46.14	0/47.93	0/46.81	0/47.4
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	---	---	---	---	---

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**STATISTICAL TESTS**

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

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TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**All Organs  
 Osteosarcoma or Osteoma**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.11	0/46.14	2/49.16	0/46.81	0/47.4
POLY-3 PERCENT (g)	2.2%	0%	4.1%	0%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/45 (0%)	0/42 (0%)	0/42 (0%)
FIRST INCIDENCE	729 (T)	---	311	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.296N	P=0.489N	P=0.538	P=0.475N	P=0.475N
POLY 3	P=0.294N	P=0.496N	P=0.530	P=0.493N	P=0.490N
POLY 1.5	P=0.299N	P=0.497N	P=0.519	P=0.495N	P=0.495N
POLY 6	P=0.289N	P=0.493N	P=0.546	P=0.487N	P=0.484N
LOGISTIC REGRESSION	P=0.256N	(e)	P=0.403	(e)	(e)
COCH-ARM / FISHERS	P=0.304N	P=0.500N	P=0.500	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.299N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.316N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**All Organs  
 Benign Tumors**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	27/50 (54%)	28/50 (56%)	27/50 (54%)	25/50 (50%)	29/50 (58%)
POLY-3 RATE (b)	27/47.69	28/46.36	27/48.27	25/46.81	29/48.9
POLY-3 PERCENT (g)	56.6%	60.4%	55.9%	53.4%	59.3%
TERMINAL (d)	21/37 (57%)	26/39 (67%)	25/45 (56%)	25/42 (60%)	26/42 (62%)
FIRST INCIDENCE	212	671	646	729 (T)	170

**STATISTICAL TESTS**

LIFE TABLE	P=0.538N	P=0.549N	P=0.234N	P=0.212N	P=0.480N
POLY 3	P=0.479	P=0.434	P=0.555N	P=0.457N	P=0.475
POLY 1.5	P=0.450	P=0.458	P=0.576N	P=0.447N	P=0.451
POLY 6	P=0.510	P=0.417	P=0.511N	P=0.453N	P=0.509
LOGISTIC REGRESSION	P=0.437	P=0.531	P=0.553N	P=0.384N	P=0.403
COCH-ARM / FISHERS	P=0.401	P=0.500	P=0.579N	P=0.421N	P=0.420
ORDER RESTRICTED	P=0.660	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.659	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**All Organs  
 Malignant Tumors**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	22/50 (44%)	23/50 (46%)	19/50 (38%)	21/50 (42%)	18/50 (36%)
POLY-3 RATE (b)	22/47.1	23/48.79	19/49.7	21/49.4	18/48.87
POLY-3 PERCENT (g)	46.7%	47.1%	38.2%	42.5%	36.8%
TERMINAL (d)	15/37 (41%)	14/39 (36%)	15/45 (33%)	14/42 (33%)	12/42 (29%)
FIRST INCIDENCE	583	461	311	428	625

**STATISTICAL TESTS**

LIFE TABLE	P=0.179N	P=0.562N	P=0.161N	P=0.348N	P=0.167N
POLY 3	P=0.202N	P=0.564	P=0.262N	P=0.417N	P=0.220N
POLY 1.5	P=0.215N	P=0.544	P=0.288N	P=0.444N	P=0.242N
POLY 6	P=0.187N	P=0.571N	P=0.234N	P=0.384N	P=0.193N
LOGISTIC REGRESSION	P=0.235N	P=0.494	P=0.370N	P=0.523N	P=0.263N
COCH-ARM / FISHERS	P=0.219N	P=0.500	P=0.342N	P=0.500N	P=0.270N
ORDER RESTRICTED	P=0.278N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.293N	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Sodium dichromate dihydrate (VI)  
 CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
 Time Report Requested: 10:37:54  
 First Dose M/F: 09/04/02 / 09/04/02  
 Lab: SRI

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

DOSE	Females				
	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L

**All Organs  
 Malignant and Benign Tumors**

TUMOR RATES	#	#	#	#	#
OVERALL (a)	36/50 (72%)	37/50 (74%)	37/50 (74%)	39/50 (78%)	38/50 (76%)
POLY-3 RATE (b)	36/49.02	37/48.79	37/50	39/49.4	38/49.86
POLY-3 PERCENT (g)	73.4%	75.8%	74%	79%	76.2%
TERMINAL (d)	26/37 (70%)	28/39 (72%)	32/45 (71%)	32/42 (76%)	31/42 (74%)
FIRST INCIDENCE	212	461	311	428	170

**STATISTICAL TESTS**

LIFE TABLE	P=0.489N	P=0.517N	P=0.227N	P=0.497N	P=0.411N
POLY 3	P=0.441	P=0.484	P=0.566	P=0.342	P=0.465
POLY 1.5	P=0.418	P=0.486	P=0.536	P=0.330	P=0.441
POLY 6	P=0.467	P=0.496	P=0.573N	P=0.367	P=0.501
LOGISTIC REGRESSION	P=0.367	P=0.493	P=0.423	P=0.302	P=0.356
COCH-ARM / FISHERS	P=0.385	P=0.500	P=0.500	P=0.322	P=0.410
ORDER RESTRICTED	P=0.544	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.546	(e)	(e)	(e)	(e)

TDMS No. 20114 - 06  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
Sodium dichromate dihydrate (VI)  
CAS Number: 7789-12-0

Date Report Requested: 10/04/2007  
Time Report Requested: 10:37:54  
First Dose M/F: 09/04/02 / 09/04/02  
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 \*\*\*