

TDMS No. 20114-02
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
SODIUM DICHROMATE DIHYDRATE (VI)
CAS Number: 7789-12-0
Pathologist: Blackshear, P. - THOMPSON, R.
RF1_M3

Date Report Reqsted: 04/07/2006
Time Report Reqsted: 8:54:06
First Dose M/F: 11/13/01 / 11/14/01
Lab: SRI

C Number: C20114
Lock Date: 06/24/2002
Cage Range: 1 - 9999
Date Range: 1-JAN-1940 to 17-SEP-2040
Reasons For Removal: ALL
Removal Date Range: JAN /1 /1940 - SEP /17 /2040
Treatment Groups:

Include 1 0 MG/L	Include 2 0 MG/L	Include 3 62.5 MG/L
Include 4 62.5 MG/L	Include 5 125 MG/L	Include 6 125 MG/L
Include 7 250 MG/L	Include 8 250 MG/L	Include 9 500 MG/L
Include 10 500 MG/L	Include 11 1000 MG/L	Include 12 1000 MG/L

TDMS No. 20114-02
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
SODIUM DICHROMATE DIHYDRATE (VI)
CAS Number: 7789-12-0
Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
Time Report Requested: 8:54:06
First Dose M/F: 11/13/01 / 11/14/01
Lab: SRI

SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF SODIUM DICHROMATE DIHYDRATE (VI)

MALE MICE

Organ

Intestine Small, Duodenum
Intestine Small, Duodenum: Epithelium
Kidney: Renal Tubule
Liver
Lymph Node, Mesenteric
Lymph Node: Pancreatic
Stomach, Forestomach
Stomach, Glandular: Epithelium

Morphology

Infiltration Cellular Histiocyte
Hyperplasia
Vacuolization Cytoplasmic
Necrosis Focal
Infiltration Cellular Histiocyte
Infiltration Cellular Histiocyte
Edema Focal
Dilatation Focal

FEMALE MICE

Organ

Adrenal Cortex
Intestine Small, Duodenum
Intestine Small, Duodenum: Epithelium
Liver
Lymph Node, Mesenteric

Morphology

Vacuolization Cytoplasmic
Infiltration Cellular Histiocyte
Hyperplasia
Hematopoietic Cell Proliferation Focal
Infiltration Cellular Focal Mixed Cell
Infiltration Cellular Histiocyte

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Adrenal Cortex
 Vacuolization Cytoplasmic**

LESION RATES

OVERALL (a)	0/10 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/6.00	0/6.00	0/6.00	0/6.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
 Time Report Requested: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

Intestine Small, Duodenum
 Infiltration Cellular Histiocyte

LESION RATES

OVERALL (a)	0/10 (0%)	0/10 (0%)	8/10 (80%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	8/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	80%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	8/10 (80%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

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

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
 Time Report Requested: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Intestine Small, Duodenum: Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	0/10 (0%)	4/10 (40%)	5/10 (50%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	4/10.00	5/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	40%	50%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	4/10 (40%)	5/10 (50%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.051	P=0.022*	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.033*	P=0.008**	P<0.001N**	P<0.001N**	P<0.001**
POLY 1.5	P<0.001**	P=0.033*	P=0.008**	P<0.001N**	P<0.001N**	P<0.001**
POLY 6	P<0.001**	P=0.033*	P=0.008**	P<0.001N**	P<0.001N**	P<0.001**
LOGISTIC REGRESSION	(e)	P=0.051	P=0.022*	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.043*	P=0.016*	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Kidney
 Nephropathy**

LESION RATES

OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	2/10 (20%)	1/10 (10%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	2/10.00	1/10.00	2/10.00
POLY-3 PERCENT (g)	0%	10%	0%	20%	10%	20%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	2/10 (20%)	1/10 (10%)	2/10 (20%)
FIRST INCIDENCE	---	93 (T)	---	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.138	P=0.500	(e)	P=0.234	P=0.500	P=0.234
POLY 3	P=0.140	P=0.500	(e)	P=0.227	P=0.500	P=0.227
POLY 1.5	P=0.140	P=0.500	(e)	P=0.227	P=0.500	P=0.227
POLY 6	P=0.140	P=0.500	(e)	P=0.227	P=0.500	P=0.227
LOGISTIC REGRESSION	(e)	P=0.500	(e)	P=0.234	P=0.500	P=0.234
COCH-ARM / FISHERS	P=0.136	P=0.500	(e)	P=0.237	P=0.500	P=0.237
ORDER RESTRICTED	P=0.116	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.130	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
 Time Report Requested: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Kidney: Renal Tubule
 Vacuolization Cytoplasmic**

LESION RATES

OVERALL (a)	9/10 (90%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	8/10 (80%)	2/10 (20%)
POLY-3 RATE (b)	9/10.00	10/10.00	10/10.00	9/10.00	8/10.00	2/10.00
POLY-3 PERCENT (g)	90%	100%	100%	90%	80%	20%
TERMINAL (d)	9/10 (90%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	8/10 (80%)	2/10 (20%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P<0.001N**	P=0.500	P=0.500	P=0.766	P=0.500N	P=0.004N**
POLY 3	P<0.001N**	P=0.500	P=0.500	P=0.760	P=0.500N	P<0.001N**
POLY 1.5	P<0.001N**	P=0.500	P=0.500	P=0.760	P=0.500N	P<0.001N**
POLY 6	P<0.001N**	P=0.500	P=0.500	P=0.760	P=0.500N	P<0.001N**
LOGISTIC REGRESSION	P<0.001N**	P=0.500	P=0.500	P=0.766	P=0.500N	P=0.004N**
COCH-ARM / FISHERS	P<0.001N**	P=0.500	P=0.500	P=0.763N	P=0.500N	P=0.003N**
ORDER RESTRICTED	P<0.001N**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001N**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

Liver
 Hematopoietic Cell Proliferation Focal

LESION RATES

OVERALL (a)	1/10 (10%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	1/10.00	0/10.00	0/10.00	2/10.00	1/10.00
POLY-3 PERCENT (g)	10%	10%	0%	0%	20%	10%
TERMINAL (d)	1/10 (10%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	93 (T)	---	---	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.395	P=0.766	P=0.500N	P=0.500N	P=0.500	P=0.766
POLY 3	P=0.396	P=0.760	P=0.500N	P=0.500N	P=0.500	P=0.760
POLY 1.5	P=0.396	P=0.760	P=0.500N	P=0.500N	P=0.500	P=0.760
POLY 6	P=0.396	P=0.760	P=0.500N	P=0.500N	P=0.500	P=0.760
LOGISTIC REGRESSION	P=0.395	P=0.766	(e)	(e)	P=0.500	P=0.766
COCH-ARM / FISHERS	P=0.394	P=0.763N	P=0.500N	P=0.500N	P=0.500	P=0.763N
ORDER RESTRICTED	P=0.390	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.392	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

Liver
 Infiltration Cellular Focal Mixed Cell

LESION RATES

OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	1/10.00	1/10.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	0%	10%	10%	10%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	---	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.378	P=0.500N	P=0.500N	P=0.766	P=0.766	P=0.766
POLY 3	P=0.381	P=0.500N	P=0.500N	P=0.760	P=0.760	P=0.760
POLY 1.5	P=0.381	P=0.500N	P=0.500N	P=0.760	P=0.760	P=0.760
POLY 6	P=0.381	P=0.500N	P=0.500N	P=0.760	P=0.760	P=0.760
LOGISTIC REGRESSION	P=0.378	(e)	(e)	P=0.766	P=0.766	P=0.766
COCH-ARM / FISHERS	P=0.377	P=0.500N	P=0.500N	P=0.763N	P=0.763N	P=0.763N
ORDER RESTRICTED	P=0.513	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.514	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

Liver
 Necrosis Focal

LESION RATES

OVERALL (a)	2/10 (20%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/10.00	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	20%	0%	0%	10%	0%	0%
TERMINAL (d)	2/10 (20%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	93 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.211N	P=0.234N	P=0.234N	P=0.500N	P=0.234N	P=0.234N
POLY 3	P=0.206N	P=0.227N	P=0.227N	P=0.500N	P=0.227N	P=0.227N
POLY 1.5	P=0.206N	P=0.227N	P=0.227N	P=0.500N	P=0.227N	P=0.227N
POLY 6	P=0.206N	P=0.227N	P=0.227N	P=0.500N	P=0.227N	P=0.227N
LOGISTIC REGRESSION	P=0.211N	(e)	(e)	P=0.500N	(e)	(e)
COCH-ARM / FISHERS	P=0.209N	P=0.237N	P=0.237N	P=0.500N	P=0.237N	P=0.237N
ORDER RESTRICTED	P=0.026N*	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.034N*	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
 Time Report Requested: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Lymph Node, Mesenteric
 Infiltration Cellular Histiocyte**

LESION RATES

OVERALL (a)	0/10 (0%)	0/9 (0%)	4/9 (44%)	6/8 (75%)	3/8 (38%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/9.00	4/9.00	6/8.00	3/8.00	8/10.00
POLY-3 PERCENT (g)	0%	0%	44.4%	75%	37.5%	80%
TERMINAL (d)	0/10 (0%)	0/9 (0%)	4/9 (44%)	6/8 (75%)	3/8 (38%)	8/10 (80%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P<0.001**	(e)	P=0.039*	P=0.003**	P=0.074	P<0.001**
POLY 3	P<0.001**	(e)	P=0.021*	P<0.001**	P=0.053	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.021*	P<0.001**	P=0.053	P<0.001**
POLY 6	P<0.001**	(e)	P=0.021*	P<0.001**	P=0.053	P<0.001**
LOGISTIC REGRESSION	P<0.001**	(e)	P=0.035*	P=0.003**	P=0.074	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.033*	P=0.002**	P=0.069	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Lymph Node: Pancreatic
 Infiltration Cellular Histiocyte**

LESION RATES

OVERALL (a)	0/2 (0%)	0/4 (0%)	2/3 (67%)	6/6 (100%)	3/3 (100%)	2/3 (67%)
POLY-3 RATE (b)	0/2.00	0/4.00	2/3.00	6/6.00	3/3.00	2/3.00
POLY-3 PERCENT (g)	0%	0%	66.7%	100%	100%	66.7%
TERMINAL (d)	0/2 (0%)	0/4 (0%)	2/3 (67%)	6/6 (100%)	3/3 (100%)	2/3 (67%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.106	(e)	P=0.309	P=0.039*	P=0.122	P=0.309
POLY 3	P=0.019*	(e)	P=0.281	P=0.036N*	P=0.100	P=0.281
POLY 1.5	P=0.019*	(e)	P=0.281	P=0.036N*	P=0.100	P=0.281
POLY 6	P=0.019*	(e)	P=0.281	P=0.036N*	P=0.100	P=0.281
LOGISTIC REGRESSION	(e)	(e)	P=0.309	P=0.039*	P=0.122	P=0.309
COCH-ARM / FISHERS	P=0.101	(e)	P=0.300	P=0.036*	P=0.100	P=0.300
ORDER RESTRICTED	P=0.023*	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.002**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Salivary Glands: Submandibular Gland
 Depletion Secretary**

LESION RATES

OVERALL (a)	4/10 (40%)	3/6 (50%)	3/6 (50%)	3/6 (50%)	2/5 (40%)	4/10 (40%)
POLY-3 RATE (b)	4/10.00	3/6.00	3/6.00	3/6.00	2/5.00	4/10.00
POLY-3 PERCENT (g)	40%	50%	50%	50%	40%	40%
TERMINAL (d)	4/10 (40%)	3/6 (50%)	3/6 (50%)	3/6 (50%)	2/5 (40%)	4/10 (40%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.462N	P=0.550	P=0.550	P=0.550	P=0.705	P=0.672
POLY 3	P=0.464N	P=0.549	P=0.549	P=0.549	P=0.699	P=0.667
POLY 1.5	P=0.464N	P=0.549	P=0.549	P=0.549	P=0.699	P=0.667
POLY 6	P=0.464N	P=0.549	P=0.549	P=0.549	P=0.699	P=0.667
LOGISTIC REGRESSION	P=0.462N	P=0.550	P=0.550	P=0.550	P=0.705	P=0.672
COCH-ARM / FISHERS	P=0.462N	P=0.549	P=0.549	P=0.549	P=0.706	P=0.675N
ORDER RESTRICTED	P=0.664N	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.693N	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Stomach, Forestomach
 Edema Focal**

LESION RATES

OVERALL (a)	1/10 (10%)	0/9 (0%)	0/9 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	1/10.00	0/9.00	0/9.00	0/10.00	0/10.00	3/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	30%
TERMINAL (d)	1/10 (10%)	0/9 (0%)	0/9 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.017*	P=0.521N	P=0.521N	P=0.500N	P=0.500N	P=0.293
POLY 3	P=0.012*	P=0.521N	P=0.521N	P=0.500N	P=0.500N	P=0.292
POLY 1.5	P=0.012*	P=0.521N	P=0.521N	P=0.500N	P=0.500N	P=0.292
POLY 6	P=0.012*	P=0.521N	P=0.521N	P=0.500N	P=0.500N	P=0.292
LOGISTIC REGRESSION	P=0.017*	(e)	(e)	(e)	(e)	P=0.293
COCH-ARM / FISHERS	P=0.016*	P=0.526N	P=0.526N	P=0.500N	P=0.500N	P=0.291
ORDER RESTRICTED	P=0.006**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.008**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
 Time Report Requested: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

Stomach, Glandular: Epithelium
 Dilatation Focal

LESION RATES

OVERALL (a)	0/10 (0%)	2/9 (22%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	2/9.00	0/10.00	0/10.00	0/10.00	2/10.00
POLY-3 PERCENT (g)	0%	22.2%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	2/9 (22%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
FIRST INCIDENCE	---	93 (T)	---	---	---	93 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.199	P=0.210	(e)	(e)	(e)	P=0.234
POLY 3	P=0.190	P=0.201	(e)	(e)	(e)	P=0.227
POLY 1.5	P=0.190	P=0.201	(e)	(e)	(e)	P=0.227
POLY 6	P=0.190	P=0.201	(e)	(e)	(e)	P=0.227
LOGISTIC REGRESSION	(e)	P=0.210	(e)	(e)	(e)	P=0.234
COCH-ARM / FISHERS	P=0.197	P=0.211	(e)	(e)	(e)	P=0.237
ORDER RESTRICTED	P=0.048*	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.061	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
 Time Report Requested: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Adrenal Cortex
 Vacuolization Cytoplasmic**

LESION RATES

OVERALL (a)	10/10 (100%)	6/6 (100%)	6/6 (100%)	5/6 (83%)	2/6 (33%)	5/10 (50%)
POLY-3 RATE (b)	10/10.00	6/6.00	6/6.00	5/6.00	2/6.00	5/10.00
POLY-3 PERCENT (g)	100%	100%	100%	83.3%	33.3%	50%
TERMINAL (d)	10/10 (100%)	6/6 (100%)	6/6 (100%)	5/6 (83%)	2/6 (33%)	5/10 (50%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P<0.001N**	(e)	(e)	P=0.398N	P=0.010N**	P=0.022N*
POLY 3	P<0.001N**	(e)	(e)	P=0.396N	P<0.001N**	P=0.008N**
POLY 1.5	P<0.001N**	(e)	(e)	P=0.396N	P<0.001N**	P=0.008N**
POLY 6	P<0.001N**	(e)	(e)	P=0.396N	P<0.001N**	P=0.008N**
LOGISTIC REGRESSION	P<0.001N**	(e)	(e)	P=0.398N	P=0.010N**	P=0.022N*
COCH-ARM / FISHERS	P<0.001N**	(e)	(e)	P=0.375N	P=0.008N**	P=0.016N*
ORDER RESTRICTED	P<0.001N**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001N**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
 Time Report Requested: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Intestine Small, Duodenum
 Infiltration Cellular Histiocyte**

LESION RATES

OVERALL (a)	0/10 (0%)	0/10 (0%)	9/9 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	9/9.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	9/9 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001N**	(e)	P<0.001N**	P<0.001N**	P<0.001N**	P<0.001N**
POLY 1.5	P<0.001N**	(e)	P<0.001N**	P<0.001N**	P<0.001N**	P<0.001N**
POLY 6	P<0.001N**	(e)	P<0.001N**	P<0.001N**	P<0.001N**	P<0.001N**
LOGISTIC REGRESSION	(e)	(e)	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
 Time Report Requested: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L
Intestine Small, Duodenum: Epithelium Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	7/10 (70%)	8/9 (89%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	7/10.00	8/9.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	70%	88.9%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	7/10 (70%)	8/9 (89%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
LIFE TABLE	P<0.001**	P=0.003**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	(e)	P=0.003**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Kidney
 Nephropathy**

LESION RATES

OVERALL (a)	0/10 (0%)	1/6 (17%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/6.00	0/6.00	0/6.00	0/6.00	0/10.00
POLY-3 PERCENT (g)	0%	16.7%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/6 (17%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
FIRST INCIDENCE	---	93 (T)	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.456N	P=0.398	(e)	(e)	(e)	(e)
POLY 3	P=0.455N	P=0.396	(e)	(e)	(e)	(e)
POLY 1.5	P=0.455N	P=0.396	(e)	(e)	(e)	(e)
POLY 6	P=0.455N	P=0.396	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.398	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.455N	P=0.375	(e)	(e)	(e)	(e)
ORDER RESTRICTED	P=0.242N	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.318N	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Kidney: Renal Tubule
 Vacuolization Cytoplasmic**

LESION RATES

OVERALL (a)	0/10 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/6.00	0/6.00	0/6.00	0/6.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

Liver
 Hematopoietic Cell Proliferation Focal

LESION RATES

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)

STATISTICAL TESTS

LIFE TABLE	P<0.001**	(e)	(e)	(e)	(e)	P=0.051
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P=0.033*
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P=0.033*
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	P=0.033*
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	P=0.051
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P=0.043*
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

Liver
 Infiltration Cellular Focal Mixed Cell

LESION RATES

OVERALL (a)	8/10 (80%)	2/10 (20%)	3/10 (30%)	4/10 (40%)	3/10 (30%)	4/10 (40%)
POLY-3 RATE (b)	8/10.00	2/10.00	3/10.00	4/10.00	3/10.00	4/10.00
POLY-3 PERCENT (g)	80%	20%	30%	40%	30%	40%
TERMINAL (d)	8/10 (80%)	2/10 (20%)	3/10 (30%)	4/10 (40%)	3/10 (30%)	4/10 (40%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.352N	P=0.015N*	P=0.040N*	P=0.091N	P=0.040N*	P=0.091N
POLY 3	P=0.346N	P=0.004N**	P=0.024N*	P=0.077N	P=0.024N*	P=0.077N
POLY 1.5	P=0.346N	P=0.004N**	P=0.024N*	P=0.077N	P=0.024N*	P=0.077N
POLY 6	P=0.346N	P=0.004N**	P=0.024N*	P=0.077N	P=0.024N*	P=0.077N
LOGISTIC REGRESSION	P=0.352N	P=0.015N*	P=0.040N*	P=0.091N	P=0.040N*	P=0.091N
COCH-ARM / FISHERS	P=0.350N	P=0.012N*	P=0.035N*	P=0.085N	P=0.035N*	P=0.085N
ORDER RESTRICTED	P=0.015N*	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.021N*	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

Liver
 Necrosis Focal

LESION RATES

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
 Time Report Requested: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Lymph Node, Mesenteric
 Infiltration Cellular Histiocyte**

LESION RATES

OVERALL (a)	0/10 (0%)	0/10 (0%)	6/10 (60%)	6/10 (60%)	4/9 (44%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	6/10.00	6/10.00	4/9.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	60%	60%	44.4%	90%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	6/10 (60%)	6/10 (60%)	4/9 (44%)	9/10 (90%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P<0.001**	(e)	P=0.009**	P=0.009**	P=0.039*	P<0.001**
POLY 3	P<0.001**	(e)	P<0.001**	P<0.001**	P=0.021*	P<0.001**
POLY 1.5	P<0.001**	(e)	P<0.001**	P<0.001**	P=0.021*	P<0.001**
POLY 6	P<0.001**	(e)	P<0.001**	P<0.001**	P=0.021*	P<0.001**
LOGISTIC REGRESSION	(e)	(e)	P=0.009**	P=0.009**	P=0.035*	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.005**	P=0.005**	P=0.033*	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
 Time Report Requested: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Lymph Node: Pancreatic
 Infiltration Cellular Histiocyte**

LESION RATES

OVERALL (a)	0/1 (0%)	0/1 (0%)	1/2 (50%)	1/2 (50%)	1/1 (100%)	2/2 (100%)
POLY-3 RATE (b)	0/1.00	0/1.00	1/2.00	1/2.00	1/1.00	2/2.00
POLY-3 PERCENT (g)	0%	0%	50%	50%	100%	100%
TERMINAL (d)	0/1 (0%)	0/1 (0%)	1/2 (50%)	1/2 (50%)	1/1 (100%)	2/2 (100%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.086	(e)	P=0.638	P=0.638	P=0.500	P=0.362
POLY 3	P=0.106	(e)	P=0.614	P=0.614	P=1.000N	P=0.333
POLY 1.5	P=0.106	(e)	P=0.614	P=0.614	P=1.000N	P=0.333
POLY 6	P=0.106	(e)	P=0.614	P=0.614	P=1.000N	P=0.333
LOGISTIC REGRESSION	(e)	(e)	P=0.638	P=0.638	P=0.250	P=0.362
COCH-ARM / FISHERS	P=0.074	(e)	P=0.667	P=0.667	P=0.500	P=0.333
ORDER RESTRICTED	P=0.163	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.195	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

**Salivary Glands: Submandibular Gland
 Depletion Secretary**

LESION RATES

OVERALL (a)	0/10 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/6.00	0/6.00	0/6.00	0/6.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
 Time Report Requested: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

Stomach, Forestomach
 Edema Focal

LESION RATES

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 20114-02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 SODIUM DICHROMATE DIHYDRATE (VI)
 CAS Number: 7789-12-0
 Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Reqsted: 04/07/2006
 Time Report Reqsted: 8:54:06
 First Dose M/F: 11/13/01 / 11/14/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L

Stomach, Glandular: Epithelium
 Dilatation Focal

LESION RATES

OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	1/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	0%	10%	0%	10%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	---	93 (T)	---	93 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.479	P=0.500N	P=0.500N	P=0.766	P=0.500N	P=0.766
POLY 3	P=0.479	P=0.500N	P=0.500N	P=0.760	P=0.500N	P=0.760
POLY 1.5	P=0.479	P=0.500N	P=0.500N	P=0.760	P=0.500N	P=0.760
POLY 6	P=0.479	P=0.500N	P=0.500N	P=0.760	P=0.500N	P=0.760
LOGISTIC REGRESSION	P=0.479	(e)	(e)	P=0.766	(e)	P=0.766
COCH-ARM / FISHERS	P=0.478	P=0.500N	P=0.500N	P=0.763N	P=0.500N	P=0.763N
ORDER RESTRICTED	P=0.462	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.462	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114-02
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
SODIUM DICHROMATE DIHYDRATE (VI)
CAS Number: 7789-12-0
Pathologist: Blackshear, P. - THOMPSON, R.

Date Report Requested: 04/07/2006
Time Report Requested: 8:54:06
First Dose M/F: 11/13/01 / 11/14/01
Lab: SRI

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group. The life table analysis regards tumors in animals dying prior to terminal kill as being (directly or indirectly) the cause of death.
 - (e) Value of Statistic cannot be computed.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- Logistic regression is an alternative method for analyzing the incidence of non-fatal tumors.
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***