

TDMS No. 20114 - 01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Sodium dichromate dihydrate (VI)
CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
Time Report Requested: 15:00:11
First Dose M/F: 11/12/01 / 11/11/01
Lab: SRI

F1_Rev.1_R2

C Number: C20114
Lock Date: 06/24/2002
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.1.0

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

MALE RATS

Organ

Bone Marrow
Harderian Gland
Heart
Intestine Small, Duodenum
Kidney
Liver
Lymph Node, Mesenteric
Lymph Node: Mediastinal
Lymph Node: Pancreatic

Oral Mucosa
Pancreas: Acinus
Salivary Glands: Parotid Gland
Stomach, Glandular
Stomach, Glandular: Epithelium

Morphology

Hyperplasia
Inflammation Chronic Focal
Cardiomyopathy Focal
Infiltration Cellular Histiocyte
Nephropathy
Hematopoietic Cell Proliferation Focal
Infiltration Cellular Histiocyte
Hemorrhage
Ectasia
Hyperplasia Lymphoid
Infiltration Cellular Histiocyte
Inflammation Focal
Atrophy Focal
Basophilic Focus
Ulcer
Hyperplasia Focal Regenerative
Metaplasia Focal

FEMALE RATS

Organ

Bone Marrow
Intestine Small, Duodenum
Liver

Lung
Lymph Node, Mesenteric
Lymph Node: Pancreatic

Pituitary Gland: Rathke's Cleft
Stomach, Glandular
Stomach, Glandular: Epithelium

Morphology

Hyperplasia
Infiltration Cellular Histiocyte
Infiltration Cellular Histiocyte
Inflammation Chronic Focal
Inflammation Chronic Focal
Infiltration Cellular Histiocyte
Ectasia
Hyperplasia Lymphoid
Infiltration Cellular Histiocyte
Cyst
Ulcer
Hyperplasia Focal Regenerative

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

Metaplasia Focal

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Bone Marrow Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	2/10.00	0/10.00	3/10.00
POLY-3 PERCENT (g)	0%	0%	0%	20%	0%	30%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)	3/10 (30%)
FIRST INCIDENCE	---	---	---	93 (T)	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.009**	(e)	(e)	P=0.227	(e)	P=0.095
POLY 1.5	P=0.009**	(e)	(e)	P=0.227	(e)	P=0.095
POLY 6	P=0.009**	(e)	(e)	P=0.227	(e)	P=0.095
COCH-ARM / FISHERS	P=0.013*	(e)	(e)	P=0.237	(e)	P=0.105
MAX-ISO-POLY-3	P=0.005**	(e)	(e)	P=0.066	(e)	P=0.025*

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Harderian Gland						
Inflammation Chronic Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/6.00	0/6.00	0/6.00	0/6.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.023*	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	P=0.023*	(e)	(e)	(e)	(e)	P=0.227
POLY 6	P=0.023*	(e)	(e)	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.025*	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.014*	(e)	(e)	(e)	(e)	P=0.066

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Heart						
Cardiomyopathy Focal						
LESION RATES						
OVERALL (a)	6/10 (60%)	5/6 (83%)	3/6 (50%)	5/6 (83%)	6/6 (100%)	4/10 (40%)
POLY-3 RATE (b)	6/10.00	5/6.00	3/6.00	5/6.00	6/6.00	4/10.00
POLY-3 PERCENT (g)	60%	83.3%	50%	83.3%	100%	40%
TERMINAL (d)	6/10 (60%)	5/6 (83%)	3/6 (50%)	5/6 (83%)	6/6 (100%)	4/10 (40%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.170N	P=0.343	P=0.549N	P=0.343	P=0.106	P=0.333N
POLY 1.5	P=0.170N	P=0.343	P=0.549N	P=0.343	P=0.106	P=0.333N
POLY 6	P=0.170N	P=0.343	P=0.549N	P=0.343	P=0.106	P=0.333N
COCH-ARM / FISHERS	P=0.178N	P=0.346	P=0.549N	P=0.346	P=0.115	P=0.328N
MAX-ISO-POLY-3	P=0.050N*	P=0.199	P=0.369N	P=0.199	P=0.047*	P=0.193N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Intestine Small, Duodenum Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	7/10 (70%)	9/10 (90%)	8/10 (80%)	7/10 (70%)
POLY-3 RATE (b)	0/10.00	0/10.00	7/10.00	9/10.00	8/10.00	7/10.00
POLY-3 PERCENT (g)	0%	0%	70%	90%	80%	70%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	7/10 (70%)	9/10 (90%)	8/10 (80%)	7/10 (70%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
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**
COCH-ARM / FISHERS	P=0.002**	(e)	P=0.002**	P<0.001**	P<0.001**	P=0.002**
MAX-ISO-POLY-3	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Kidney						
Nephropathy						
LESION RATES						
OVERALL (a)	5/10 (50%)	1/10 (10%)	1/10 (10%)	2/10 (20%)	4/10 (40%)	4/10 (40%)
POLY-3 RATE (b)	5/10.00	1/10.00	1/10.00	2/10.00	4/10.00	4/10.00
POLY-3 PERCENT (g)	50%	10%	10%	20%	40%	40%
TERMINAL (d)	5/10 (50%)	1/10 (10%)	1/10 (10%)	2/10 (20%)	4/10 (40%)	4/10 (40%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.211	P=0.061N	P=0.061N	P=0.174N	P=0.500N	P=0.500N
POLY 1.5	P=0.211	P=0.061N	P=0.061N	P=0.174N	P=0.500N	P=0.500N
POLY 6	P=0.211	P=0.061N	P=0.061N	P=0.174N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.214	P=0.070N	P=0.070N	P=0.175N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.095N	P=0.020N*	P=0.020N*	P=0.079N	P=0.332N	P=0.332N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Liver						
Hematopoietic Cell Proliferation Focal						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/10.00	0/10.00	0/10.00	0/9.00	0/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.199N	P=0.227N	P=0.227N	P=0.227N	P=0.251N	P=0.227N
POLY 1.5	P=0.199N	P=0.227N	P=0.227N	P=0.227N	P=0.251N	P=0.227N
POLY 6	P=0.199N	P=0.227N	P=0.227N	P=0.227N	P=0.251N	P=0.227N
COCH-ARM / FISHERS	P=0.208N	P=0.237N	P=0.237N	P=0.237N	P=0.263N	P=0.237N
MAX-ISO-POLY-3	P=0.005N**	P=0.066N	P=0.066N	P=0.066N	P=0.082N	P=0.066N

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/9.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.581	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	P=0.581	(e)	(e)	(e)	P=0.479	(e)
POLY 6	P=0.581	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.581	(e)	(e)	(e)	P=0.474	(e)
MAX-ISO-POLY-3	P=0.182	(e)	(e)	(e)	P=0.150	(e)

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Liver						
Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.00	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%)	0/9 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
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)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

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TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Liver						
Infiltration Cellular Mixed Cell						
LESION RATES						
OVERALL (a)	2/10 (20%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	1/10.00	0/10.00	0/10.00	0/9.00	1/10.00
POLY-3 PERCENT (g)	20%	10%	0%	0%	0%	10%
TERMINAL (d)	2/10 (20%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	93 (T)	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.519N	P=0.500N	P=0.227N	P=0.227N	P=0.251N	P=0.500N
POLY 1.5	P=0.519N	P=0.500N	P=0.227N	P=0.227N	P=0.251N	P=0.500N
POLY 6	P=0.519N	P=0.500N	P=0.227N	P=0.227N	P=0.251N	P=0.500N
COCH-ARM / FISHERS	P=0.520N	P=0.500N	P=0.237N	P=0.237N	P=0.263N	P=0.500N
MAX-ISO-POLY-3	P=0.061N	P=0.274N	P=0.066N	P=0.066N	P=0.082N	P=0.274N

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Liver						
Inflammation Chronic Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)	2/9 (22%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	0/10.00	2/9.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	20%	0%	22.2%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)	2/9 (22%)	1/10 (10%)
FIRST INCIDENCE	---	---	93 (T)	---	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.293	(e)	P=0.227	(e)	P=0.201	P=0.500
POLY 1.5	P=0.293	(e)	P=0.227	(e)	P=0.201	P=0.500
POLY 6	P=0.293	(e)	P=0.227	(e)	P=0.201	P=0.500
COCH-ARM / FISHERS	P=0.294	(e)	P=0.237	(e)	P=0.211	P=0.500
MAX-ISO-POLY-3	P=0.100	(e)	P=0.066	(e)	P=0.059	P=0.158

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lung						
Inflammation Chronic Focal						
LESION RATES						
OVERALL (a)	3/10 (30%)	1/6 (17%)	2/6 (33%)	2/6 (33%)	1/6 (17%)	3/10 (30%)
POLY-3 RATE (b)	3/10.00	1/6.00	2/6.00	2/6.00	1/6.00	3/10.00
POLY-3 PERCENT (g)	30%	16.7%	33.3%	33.3%	16.7%	30%
TERMINAL (d)	3/10 (30%)	1/6 (17%)	2/6 (33%)	2/6 (33%)	1/6 (17%)	3/10 (30%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.566	P=0.500N	P=0.652	P=0.652	P=0.500N	P=0.678
POLY 1.5	P=0.566	P=0.500N	P=0.652	P=0.652	P=0.500N	P=0.678
POLY 6	P=0.566	P=0.500N	P=0.652	P=0.652	P=0.500N	P=0.678
COCH-ARM / FISHERS	P=0.570	P=0.511N	P=0.654	P=0.654	P=0.511N	P=0.686N
MAX-ISO-POLY-3	P=0.404N	P=0.306N	P=0.451	P=0.451	P=0.306N	P=1.000

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lung: Alveolus Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/6.00	0/6.00	0/6.00	0/6.00	2/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	20%
TERMINAL (d)	1/10 (10%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	2/10 (20%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.147	P=0.600N	P=0.600N	P=0.600N	P=0.600N	P=0.500
POLY 1.5	P=0.147	P=0.600N	P=0.600N	P=0.600N	P=0.600N	P=0.500
POLY 6	P=0.147	P=0.600N	P=0.600N	P=0.600N	P=0.600N	P=0.500
COCH-ARM / FISHERS	P=0.142	P=0.625N	P=0.625N	P=0.625N	P=0.625N	P=0.500
MAX-ISO-POLY-3	P=0.068	P=0.246N	P=0.246N	P=0.246N	P=0.246N	P=0.274

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lymph Node, Mesenteric Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	1/10 (10%)	1/6 (17%)	0/6 (0%)	3/6 (50%)	0/6 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	1/6.00	0/6.00	3/6.00	0/6.00	1/10.00
POLY-3 PERCENT (g)	10%	16.7%	0%	50%	0%	10%
TERMINAL (d)	1/10 (10%)	1/6 (17%)	0/6 (0%)	3/6 (50%)	0/6 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	93 (T)	---	93 (T)	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.468N	P=0.643	P=0.600N	P=0.106	P=0.600N	P=0.760
POLY 1.5	P=0.468N	P=0.643	P=0.600N	P=0.106	P=0.600N	P=0.760
POLY 6	P=0.468N	P=0.643	P=0.600N	P=0.106	P=0.600N	P=0.760
COCH-ARM / FISHERS	P=0.469N	P=0.625	P=0.625N	P=0.118	P=0.625N	P=0.763N
MAX-ISO-POLY-3	P=0.215N	P=0.369	P=0.246N	P=0.047*	P=0.246N	P=1.000

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lymph Node: Mediastinal Hemorrhage						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/10.00	0/10.00	0/9.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	10%
TERMINAL (d)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.650	P=0.227N	P=0.227N	P=0.251N	P=0.227N	P=0.500N
POLY 1.5	P=0.650	P=0.227N	P=0.227N	P=0.251N	P=0.227N	P=0.500N
POLY 6	P=0.650	P=0.227N	P=0.227N	P=0.251N	P=0.227N	P=0.500N
COCH-ARM / FISHERS	P=0.648	P=0.237N	P=0.237N	P=0.263N	P=0.237N	P=0.500N
MAX-ISO-POLY-3	P=0.032N*	P=0.066N	P=0.066N	P=0.082N	P=0.066N	P=0.274N

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lymph Node: Pancreatic Ectasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	1/10 (10%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.00	1/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	1/10 (10%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.158	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lymph Node: Pancreatic Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/9 (33%)	3/10 (30%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	3/9.00	3/10.00	6/10.00
POLY-3 PERCENT (g)	0%	0%	0%	33.3%	30%	60%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/9 (33%)	3/10 (30%)	6/10 (60%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P=0.074	P=0.095	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.074	P=0.095	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.074	P=0.095	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.087	P=0.105	P=0.005**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P=0.019*	P=0.025*	P<0.001**

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lymph Node: Pancreatic Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	0/10 (0%)	5/10 (50%)	2/10 (20%)	4/9 (44%)	5/10 (50%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	5/10.00	2/10.00	4/9.00	5/10.00	9/10.00
POLY-3 PERCENT (g)	0%	50%	20%	44.4%	50%	90%
TERMINAL (d)	0/10 (0%)	5/10 (50%)	2/10 (20%)	4/9 (44%)	5/10 (50%)	9/10 (90%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.008**	P=0.227	P=0.021*	P=0.008**	P<0.001**
POLY 1.5	P<0.001**	P=0.008**	P=0.227	P=0.021*	P=0.008**	P<0.001**
POLY 6	P<0.001**	P=0.008**	P=0.227	P=0.021*	P=0.008**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.016*	P=0.237	P=0.033*	P=0.016*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P=0.066	P=0.004**	P<0.001**	P<0.001**

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Oral Mucosa						
Inflammation Focal						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.193N	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.227N
POLY 1.5	P=0.193N	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.227N
POLY 6	P=0.193N	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.227N
COCH-ARM / FISHERS	P=0.203N	P=0.237N	P=0.237N	P=0.237N	P=0.237N	P=0.237N
MAX-ISO-POLY-3	P=0.005N**	P=0.066N	P=0.066N	P=0.066N	P=0.066N	P=0.066N

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Pancreas: Acinus						
Atrophy Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/6.00	0/6.00	0/6.00	0/6.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.023*	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	P=0.023*	(e)	(e)	(e)	(e)	P=0.227
POLY 6	P=0.023*	(e)	(e)	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.025*	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.014*	(e)	(e)	(e)	(e)	P=0.066

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Pituitary Gland: Pars Distalis Cyst						
LESION RATES						
OVERALL (a)	2/10 (20%)	1/6 (17%)	1/6 (17%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	1/6.00	1/6.00	0/6.00	0/6.00	0/10.00
POLY-3 PERCENT (g)	20%	16.7%	16.7%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	1/6 (17%)	1/6 (17%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.093N	P=0.679N	P=0.679N	P=0.351N	P=0.351N	P=0.227N
POLY 1.5	P=0.093N	P=0.679N	P=0.679N	P=0.351N	P=0.351N	P=0.227N
POLY 6	P=0.093N	P=0.679N	P=0.679N	P=0.351N	P=0.351N	P=0.227N
COCH-ARM / FISHERS	P=0.089N	P=0.696N	P=0.696N	P=0.375N	P=0.375N	P=0.237N
MAX-ISO-POLY-3	P=0.063N	P=0.443N	P=0.443N	P=0.152N	P=0.152N	P=0.066N

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Pituitary Gland: Rathke's Cleft Cyst						
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						
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)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Salivary Glands: Parotid Gland						
Basophilic Focus						
LESION RATES						
OVERALL (a)	7/10 (70%)	3/6 (50%)	4/6 (67%)	4/6 (67%)	3/6 (50%)	10/10 (100%)
POLY-3 RATE (b)	7/10.00	3/6.00	4/6.00	4/6.00	3/6.00	10/10.00
POLY-3 PERCENT (g)	70%	50%	66.7%	66.7%	50%	100%
TERMINAL (d)	7/10 (70%)	3/6 (50%)	4/6 (67%)	4/6 (67%)	3/6 (50%)	10/10 (100%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.046*	P=0.400N	P=0.652N	P=0.652N	P=0.400N	P=0.095
POLY 1.5	P=0.046*	P=0.400N	P=0.652N	P=0.652N	P=0.400N	P=0.095
POLY 6	P=0.046*	P=0.400N	P=0.652N	P=0.652N	P=0.400N	P=0.095
COCH-ARM / FISHERS	P=0.048*	P=0.392N	P=0.654N	P=0.654N	P=0.392N	P=0.105
MAX-ISO-POLY-3	P=0.029*	P=0.246N	P=0.451N	P=0.451N	P=0.246N	P=0.025*

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Stomach, Glandular Ulcer						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	8/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	80%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	8/10 (80%)
FIRST INCIDENCE	---	---	---	---	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.158	P<0.001**

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Stomach, Glandular: Epithelium Hyperplasia Focal Regenerative						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Stomach, Glandular: Epithelium Metaplasia Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	7/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	70%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P=0.002**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Bone Marrow Hyperplasia						
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						
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*
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P=0.043*
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	P=0.007**

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Harderian Gland						
Inflammation Chronic Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/6 (0%)	1/6 (17%)	1/6 (17%)	0/6 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/6.00	1/6.00	1/6.00	0/6.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	16.7%	16.7%	0%	0%
TERMINAL (d)	0/10 (0%)	0/6 (0%)	1/6 (17%)	1/6 (17%)	0/6 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	---	---
STATISTICAL TESTS						
POLY 3	P=0.436N	(e)	P=0.396	P=0.396	(e)	(e)
POLY 1.5	P=0.436N	(e)	P=0.396	P=0.396	(e)	(e)
POLY 6	P=0.436N	(e)	P=0.396	P=0.396	(e)	(e)
COCH-ARM / FISHERS	P=0.436N	(e)	P=0.375	P=0.375	(e)	(e)
MAX-ISO-POLY-3	P=0.410	(e)	P=0.118	P=0.118	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Heart						
Cardiomyopathy Focal						
LESION RATES						
OVERALL (a)	3/10 (30%)	0/6 (0%)	2/6 (33%)	2/6 (33%)	1/6 (17%)	1/10 (10%)
POLY-3 RATE (b)	3/10.00	0/6.00	2/6.00	2/6.00	1/6.00	1/10.00
POLY-3 PERCENT (g)	30%	0%	33.3%	33.3%	16.7%	10%
TERMINAL (d)	3/10 (30%)	0/6 (0%)	2/6 (33%)	2/6 (33%)	1/6 (17%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.254N	P=0.202N	P=0.652	P=0.652	P=0.500N	P=0.292N
POLY 1.5	P=0.254N	P=0.202N	P=0.652	P=0.652	P=0.500N	P=0.292N
POLY 6	P=0.254N	P=0.202N	P=0.652	P=0.652	P=0.500N	P=0.292N
COCH-ARM / FISHERS	P=0.248N	P=0.214N	P=0.654	P=0.654	P=0.511N	P=0.291N
MAX-ISO-POLY-3	P=0.255N	P=0.090N	P=0.453	P=0.453	P=0.306N	P=0.135N

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Intestine Small, Duodenum Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	0/10 (0%)	1/10 (10%)	5/10 (50%)	7/10 (70%)	8/10 (80%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	1/10.00	5/10.00	7/10.00	8/10.00	10/10.00
POLY-3 PERCENT (g)	0%	10%	50%	70%	80%	100%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	5/10 (50%)	7/10 (70%)	8/10 (80%)	10/10 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.500	P=0.008**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.500	P=0.008**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.500	P=0.008**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.016*	P=0.002**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.158	P=0.002**	P<0.001**	P<0.001**	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Kidney						
Nephropathy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.107	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.107	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.107	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.074	(e)	(e)	(e)	(e)	P=0.158

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/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%)	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						
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)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	1/10.00	1/10.00	2/10.00
POLY-3 PERCENT (g)	10%	0%	0%	10%	10%	20%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	2/10 (20%)
FIRST INCIDENCE	93 (T)	---	---	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.119	P=0.500N	P=0.500N	P=0.760	P=0.760	P=0.500
POLY 1.5	P=0.119	P=0.500N	P=0.500N	P=0.760	P=0.760	P=0.500
POLY 6	P=0.119	P=0.500N	P=0.500N	P=0.760	P=0.760	P=0.500
COCH-ARM / FISHERS	P=0.114	P=0.500N	P=0.500N	P=0.763N	P=0.763N	P=0.500
MAX-ISO-POLY-3	P=0.170	P=0.158N	P=0.158N	P=1.000	P=1.000	P=0.274

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Liver						
Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	0/10 (0%)	3/10 (30%)	6/10 (60%)	6/10 (60%)	9/10 (90%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	3/10.00	6/10.00	6/10.00	9/10.00	8/10.00
POLY-3 PERCENT (g)	0%	30%	60%	60%	90%	80%
TERMINAL (d)	0/10 (0%)	3/10 (30%)	6/10 (60%)	6/10 (60%)	9/10 (90%)	8/10 (80%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.105	P=0.005**	P=0.005**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.024*	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Liver						
Infiltration Cellular Mixed Cell						
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						
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)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Liver						
Inflammation Chronic Focal						
LESION RATES						
OVERALL (a)	3/10 (30%)	5/10 (50%)	2/10 (20%)	7/10 (70%)	2/10 (20%)	10/10 (100%)
POLY-3 RATE (b)	3/10.00	5/10.00	2/10.00	7/10.00	2/10.00	10/10.00
POLY-3 PERCENT (g)	30%	50%	20%	70%	20%	100%
TERMINAL (d)	3/10 (30%)	5/10 (50%)	2/10 (20%)	7/10 (70%)	2/10 (20%)	10/10 (100%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.329	P=0.500N	P=0.082	P=0.500N	P<0.001**
POLY 1.5	P<0.001**	P=0.329	P=0.500N	P=0.082	P=0.500N	P<0.001**
POLY 6	P<0.001**	P=0.329	P=0.500N	P=0.082	P=0.500N	P<0.001**
COCH-ARM / FISHERS	P=0.003**	P=0.325	P=0.500N	P=0.089	P=0.500N	P=0.002**
MAX-ISO-POLY-3	P<0.001**	P=0.187	P=0.310N	P=0.032*	P=0.310N	P<0.001**

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lung						
Inflammation Chronic Focal						
LESION RATES						
OVERALL (a)	4/10 (40%)	3/5 (60%)	1/6 (17%)	0/6 (0%)	1/6 (17%)	2/10 (20%)
POLY-3 RATE (b)	4/10.00	3/5.00	1/6.00	0/6.00	1/6.00	2/10.00
POLY-3 PERCENT (g)	40%	60%	16.7%	0%	16.7%	20%
TERMINAL (d)	4/10 (40%)	3/5 (60%)	1/6 (17%)	0/6 (0%)	1/6 (17%)	2/10 (20%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	---	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.199N	P=0.431	P=0.343N	P=0.106N	P=0.343N	P=0.318N
POLY 1.5	P=0.199N	P=0.431	P=0.343N	P=0.106N	P=0.343N	P=0.318N
POLY 6	P=0.199N	P=0.431	P=0.343N	P=0.106N	P=0.343N	P=0.318N
COCH-ARM / FISHERS	P=0.202N	P=0.427	P=0.346N	P=0.115N	P=0.346N	P=0.314N
MAX-ISO-POLY-3	P=0.077N	P=0.274	P=0.199N	P=0.047N*	P=0.199N	P=0.171N

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lung: Alveolus						
Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	0/10 (0%)	1/5 (20%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/5.00	0/6.00	0/6.00	0/6.00	0/10.00
POLY-3 PERCENT (g)	0%	20%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/5 (20%)	0/6 (0%)	0/6 (0%)	0/6 (0%)	0/10 (0%)
FIRST INCIDENCE	---	93 (T)	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.447N	P=0.356	(e)	(e)	(e)	(e)
POLY 1.5	P=0.447N	P=0.356	(e)	(e)	(e)	(e)
POLY 6	P=0.447N	P=0.356	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.448N	P=0.333	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.285N	P=0.101	(e)	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lymph Node, Mesenteric Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	3/10 (30%)	2/6 (33%)	3/6 (50%)	2/6 (33%)	5/6 (83%)	6/10 (60%)
POLY-3 RATE (b)	3/10.00	2/6.00	3/6.00	2/6.00	5/6.00	6/10.00
POLY-3 PERCENT (g)	30%	33.3%	50%	33.3%	83.3%	60%
TERMINAL (d)	3/10 (30%)	2/6 (33%)	3/6 (50%)	2/6 (33%)	5/6 (83%)	6/10 (60%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.079	P=0.652	P=0.400	P=0.652	P=0.045*	P=0.186
POLY 1.5	P=0.079	P=0.652	P=0.400	P=0.652	P=0.045*	P=0.186
POLY 6	P=0.079	P=0.652	P=0.400	P=0.652	P=0.045*	P=0.186
COCH-ARM / FISHERS	P=0.079	P=0.654	P=0.392	P=0.654	P=0.059	P=0.185
MAX-ISO-POLY-3	P=0.073	P=0.453	P=0.246	P=0.453	P=0.022*	P=0.090

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lymph Node: Mediastinal Hemorrhage						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	10%
TERMINAL (d)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.649	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.500N
POLY 1.5	P=0.649	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.500N
POLY 6	P=0.649	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.500N
COCH-ARM / FISHERS	P=0.647	P=0.237N	P=0.237N	P=0.237N	P=0.237N	P=0.500N
MAX-ISO-POLY-3	P=0.054N	P=0.067N	P=0.067N	P=0.067N	P=0.067N	P=0.274N

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lymph Node: Pancreatic Ectasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.158	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lymph Node: Pancreatic Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	0/10.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	20%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
FIRST INCIDENCE	---	---	93 (T)	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P=0.227	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.227	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	P=0.227	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.237	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.067	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Lymph Node: Pancreatic Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	4/10 (40%)	8/10 (80%)	7/10 (70%)	7/10 (70%)	7/10 (70%)	9/10 (90%)
POLY-3 RATE (b)	4/10.00	8/10.00	7/10.00	7/10.00	7/10.00	9/10.00
POLY-3 PERCENT (g)	40%	80%	70%	70%	70%	90%
TERMINAL (d)	4/10 (40%)	8/10 (80%)	7/10 (70%)	7/10 (70%)	7/10 (70%)	9/10 (90%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.067	P=0.077	P=0.186	P=0.186	P=0.186	P=0.018*
POLY 1.5	P=0.067	P=0.077	P=0.186	P=0.186	P=0.186	P=0.018*
POLY 6	P=0.067	P=0.077	P=0.186	P=0.186	P=0.186	P=0.018*
COCH-ARM / FISHERS	P=0.068	P=0.085	P=0.185	P=0.185	P=0.185	P=0.029*
MAX-ISO-POLY-3	P=0.012*	P=0.029*	P=0.090	P=0.090	P=0.090	P=0.005**

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Oral Mucosa						
Inflammation 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						
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)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Ovary Cyst						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/6 (0%)	1/6 (17%)	0/6 (0%)	0/6 (0%)	2/10 (20%)
POLY-3 RATE (b)	2/10.00	0/6.00	1/6.00	0/6.00	0/6.00	2/10.00
POLY-3 PERCENT (g)	20%	0%	16.7%	0%	0%	20%
TERMINAL (d)	2/10 (20%)	0/6 (0%)	1/6 (17%)	0/6 (0%)	0/6 (0%)	2/10 (20%)
FIRST INCIDENCE	93 (T)	---	93 (T)	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.452	P=0.351N	P=0.679N	P=0.351N	P=0.351N	P=0.702
POLY 1.5	P=0.452	P=0.351N	P=0.679N	P=0.351N	P=0.351N	P=0.702
POLY 6	P=0.452	P=0.351N	P=0.679N	P=0.351N	P=0.351N	P=0.702
COCH-ARM / FISHERS	P=0.451	P=0.375N	P=0.696N	P=0.375N	P=0.375N	P=0.709N
MAX-ISO-POLY-3	P=0.408	P=0.152N	P=0.444N	P=0.152N	P=0.152N	P=1.000

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Pancreas: Acinus						
Atrophy Focal						
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						
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)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Pituitary Gland: Pars Distalis Cyst						
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						
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)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

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 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Pituitary Gland: Rathke's Cleft Cyst						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/6 (0%)	1/6 (17%)	1/6 (17%)	1/6 (17%)	4/10 (40%)
POLY-3 RATE (b)	1/10.00	0/6.00	1/6.00	1/6.00	1/6.00	4/10.00
POLY-3 PERCENT (g)	10%	0%	16.7%	16.7%	16.7%	40%
TERMINAL (d)	1/10 (10%)	0/6 (0%)	1/6 (17%)	1/6 (17%)	1/6 (17%)	4/10 (40%)
FIRST INCIDENCE	93 (T)	---	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.036*	P=0.600N	P=0.643	P=0.643	P=0.643	P=0.148
POLY 1.5	P=0.036*	P=0.600N	P=0.643	P=0.643	P=0.643	P=0.148
POLY 6	P=0.036*	P=0.600N	P=0.643	P=0.643	P=0.643	P=0.148
COCH-ARM / FISHERS	P=0.034*	P=0.625N	P=0.625	P=0.625	P=0.625	P=0.152
MAX-ISO-POLY-3	P=0.047*	P=0.246N	P=0.371	P=0.371	P=0.371	P=0.059

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Salivary Glands: Parotid Gland						
Basophilic Focus						
LESION RATES						
OVERALL (a)	6/10 (60%)	2/6 (33%)	2/6 (33%)	1/6 (17%)	2/6 (33%)	5/10 (50%)
POLY-3 RATE (b)	6/10.00	2/6.00	2/6.00	1/6.00	2/6.00	5/10.00
POLY-3 PERCENT (g)	60%	33.3%	33.3%	16.7%	33.3%	50%
TERMINAL (d)	6/10 (60%)	2/6 (33%)	2/6 (33%)	1/6 (17%)	2/6 (33%)	5/10 (50%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.505	P=0.309N	P=0.309N	P=0.113N	P=0.309N	P=0.500N
POLY 1.5	P=0.505	P=0.309N	P=0.309N	P=0.113N	P=0.309N	P=0.500N
POLY 6	P=0.505	P=0.309N	P=0.309N	P=0.113N	P=0.309N	P=0.500N
COCH-ARM / FISHERS	P=0.505	P=0.304N	P=0.304N	P=0.121N	P=0.304N	P=0.500N
MAX-ISO-POLY-3	P=0.251N	P=0.185N	P=0.185N	P=0.059N	P=0.185N	P=0.334N

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Stomach, Glandular Ulcer						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Stomach, Glandular: Epithelium Hyperplasia Focal Regenerative						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
 Time Report Requested: 15:00:11
 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Stomach, Glandular: Epithelium						
Metaplasia Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20114 - 01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Sodium dichromate dihydrate (VI)
 CAS Number: 7789-12-0

Date Report Requested: 01/14/2009
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 First Dose M/F: 11/12/01 / 11/11/01
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 MG/L	62.5MG/L	125MG/L	250MG/L	500MG/L	1000 MG/L
Uterus						
Hydrometra						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/6 (0%)	1/6 (17%)	0/6 (0%)	0/6 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/6.00	1/6.00	0/6.00	0/6.00	1/10.00
POLY-3 PERCENT (g)	20%	0%	16.7%	0%	0%	10%
TERMINAL (d)	2/10 (20%)	0/6 (0%)	1/6 (17%)	0/6 (0%)	0/6 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	93 (T)	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.476N	P=0.351N	P=0.679N	P=0.351N	P=0.351N	P=0.500N
POLY 1.5	P=0.476N	P=0.351N	P=0.679N	P=0.351N	P=0.351N	P=0.500N
POLY 6	P=0.476N	P=0.351N	P=0.679N	P=0.351N	P=0.351N	P=0.500N
COCH-ARM / FISHERS	P=0.475N	P=0.375N	P=0.696N	P=0.375N	P=0.375N	P=0.500N
MAX-ISO-POLY-3	P=0.222N	P=0.152N	P=0.444N	P=0.152N	P=0.152N	P=0.274N

TDMS No. 20114 - 01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

Date Report Requested: 01/14/2009

Time Report Requested: 15:00:11

First Dose M/F: 11/12/01 / 11/11/01

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.
 - (e) Value of Statistic cannot be computed.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***