

Experiment Number: 20114 - 03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: MICE/BALB/C

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

Date Report Requested: 04/06/2012

Time Report Requested: 09:03:05

First Dose M/F: 08/22/02 / NA

Lab: BAT

F1_MW

NTP Study Number: C20114B
Lock Date: 05/15/2003
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Male
TDMSE Version: 2.6.0.0_007
PWG Approval Date: NONE

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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

Pancreas

Morphology

Infiltration Cellular Histiocyte

Hyperplasia

Casts Protein

Inflammation

Necrosis Focal

Depletion Secretory

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Intestine Small, Duodenum Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/10 (0%)	4/10 (40%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	4/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	40%	90%	100%
TERMINAL (d)	0/10 (0%)	4/10 (40%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	92 (T)	92 (T)	92 (T)
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.033*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.033*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.033*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.043*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.007**	P<0.001**	(e)

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Intestine Small, Duodenum: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	2/10 (20%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	2/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	100%	100%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	92 (T)	92 (T)	92 (T)
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.227	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.227	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.227	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.237	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.066	(e)	(e)

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Lab: BAT

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Kidney				
Infiltration Cellular Mixed Cell				
<hr/>				
LESION RATES				
OVERALL (a)	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	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	92 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.199	(e)	(e)	P=0.500
POLY 1.5	P=0.199	(e)	(e)	P=0.500
POLY 6	P=0.199	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.196	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.078	(e)	(e)	P=0.158

Experiment Number: 20114 - 03

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First Dose M/F: 08/22/02 / NA

Lab: BAT

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Kidney: Medulla, Renal Tubule Mineralization				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	92 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.567N	P=0.500	(e)	(e)
POLY 1.5	P=0.567N	P=0.500	(e)	(e)
POLY 6	P=0.567N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.568N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.239N	P=0.158	(e)	(e)

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Route: DOSED WATER

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Lab: BAT

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Kidney: Renal Tubule Casts Protein				
LESION RATES				
OVERALL (a)	2/10 (20%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	20%	10%	0%	0%
TERMINAL (d)	2/10 (20%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	92 (T)	92 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.094N	P=0.500N	P=0.227N	P=0.227N
POLY 1.5	P=0.094N	P=0.500N	P=0.227N	P=0.227N
POLY 6	P=0.094N	P=0.500N	P=0.227N	P=0.227N
COCH-ARM / FISHERS	P=0.094N	P=0.500N	P=0.237N	P=0.237N
MAX-ISO-POLY-3	P=0.045N*	P=0.274N	P=0.066N	P=0.066N

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Kidney: Renal Tubule Dilatation Focal				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	92 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.567N	P=0.500	(e)	(e)
POLY 1.5	P=0.567N	P=0.500	(e)	(e)
POLY 6	P=0.567N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.568N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.239N	P=0.158	(e)	(e)

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Kidney: Renal Tubule Regeneration				
LESION RATES				
OVERALL (a)	3/10 (30%)	6/10 (60%)	4/10 (40%)	3/10 (30%)
POLY-3 RATE (b)	3/10.00	6/10.00	4/10.00	3/10.00
POLY-3 PERCENT (g)	30%	60%	40%	30%
TERMINAL (d)	3/10 (30%)	6/10 (60%)	4/10 (40%)	3/10 (30%)
FIRST INCIDENCE	92 (T)	92 (T)	92 (T)	92 (T)
STATISTICAL TESTS				
POLY 3	P=0.415N	P=0.186	P=0.500	P=0.678
POLY 1.5	P=0.415N	P=0.186	P=0.500	P=0.678
POLY 6	P=0.415N	P=0.186	P=0.500	P=0.678
COCH-ARM / FISHERS	P=0.414N	P=0.185	P=0.500	P=0.686N
MAX-ISO-POLY-3	P=0.251N	P=0.089	P=0.325	P=1.000

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
<hr/>				
Liver				
Fatty Change Diffuse				
<hr/>				
LESION RATES				
OVERALL (a)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	100%	100%	100%	100%
TERMINAL (d)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	92 (T)	92 (T)	92 (T)	92 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
<hr/>				
Liver				
Hematopoietic Cell Proliferation				
<hr/>				
LESION RATES				
OVERALL (a)	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	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	92 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.199	(e)	(e)	P=0.500
POLY 1.5	P=0.199	(e)	(e)	P=0.500
POLY 6	P=0.199	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.196	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.078	(e)	(e)	P=0.158

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TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
<hr/>				
Liver Inflammation				
<hr/>				
LESION RATES				
OVERALL (a)	3/10 (30%)	5/10 (50%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	5/10.00	2/10.00	0/10.00
POLY-3 PERCENT (g)	30%	50%	20%	0%
TERMINAL (d)	3/10 (30%)	5/10 (50%)	2/10 (20%)	0/10 (0%)
FIRST INCIDENCE	92 (T)	92 (T)	92 (T)	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.027N*	P=0.329	P=0.500N	P=0.095N
POLY 1.5	P=0.027N*	P=0.329	P=0.500N	P=0.095N
POLY 6	P=0.027N*	P=0.329	P=0.500N	P=0.095N
COCH-ARM / FISHERS	P=0.032N*	P=0.325	P=0.500N	P=0.105N
MAX-ISO-POLY-3	P=0.015N*	P=0.188	P=0.310N	P=0.025N*

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
<hr/>				
Liver				
Mineralization				
<hr/>				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	92 (T)	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.306N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.306N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.306N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.304N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.078N	P=0.158N	P=0.158N	P=0.158N

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Liver				
Necrosis Focal				
LESION RATES				
OVERALL (a)	3/10 (30%)	2/10 (20%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	2/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	30%	20%	0%	0%
TERMINAL (d)	3/10 (30%)	2/10 (20%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	92 (T)	92 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.028N*	P=0.500N	P=0.095N	P=0.095N
POLY 1.5	P=0.028N*	P=0.500N	P=0.095N	P=0.095N
POLY 6	P=0.028N*	P=0.500N	P=0.095N	P=0.095N
COCH-ARM / FISHERS	P=0.032N*	P=0.500N	P=0.105N	P=0.105N
MAX-ISO-POLY-3	P=0.018N*	P=0.310N	P=0.025N*	P=0.025N*

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
<hr/>				
Nose: Olfactory Epithelium				
Atrophy Focal				
<hr/>				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	92 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.304	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Pancreas				
Depletion Secretary				
LESION RATES				
OVERALL (a)	0/10 (0%)	6/10 (60%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	6/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	60%	90%	100%
TERMINAL (d)	0/10 (0%)	6/10 (60%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	92 (T)	92 (T)	92 (T)
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.005**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	(e)

Experiment Number: 20114 - 03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/BALB/C

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

Date Report Requested: 04/06/2012

Time Report Requested: 09:03:05

First Dose M/F: 08/22/02 / NA

Lab: BAT

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Preputial Gland Abscess				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	92 (T)
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.304	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158

Experiment Number: 20114 - 03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/BALB/C

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

Date Report Requested: 04/06/2012
 Time Report Requested: 09:03:05
 First Dose M/F: 08/22/02 / NA
 Lab: BAT

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Stomach, Forestomach Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	10%	0%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	---	92 (T)	92 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.594N	P=0.500	P=0.500	(e)
POLY 1.5	P=0.594N	P=0.500	P=0.500	(e)
POLY 6	P=0.594N	P=0.500	P=0.500	(e)
COCH-ARM / FISHERS	P=0.597N	P=0.500	P=0.500	(e)
MAX-ISO-POLY-3	P=0.252	P=0.158	P=0.158	(e)

Experiment Number: 20114 - 03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/BALB/C

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

Date Report Requested: 04/06/2012

Time Report Requested: 09:03:05

First Dose M/F: 08/22/02 / NA

Lab: BAT

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Stomach, Glandular Inflammation				
LESION RATES				
OVERALL (a)	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	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	92 (T)
STATISTICAL TESTS				
POLY 3	P=0.199	(e)	(e)	P=0.500
POLY 1.5	P=0.199	(e)	(e)	P=0.500
POLY 6	P=0.199	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.196	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.078	(e)	(e)	P=0.158

Experiment Number: 20114 - 03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/BALB/C

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

Date Report Requested: 04/06/2012

Time Report Requested: 09:03:05

First Dose M/F: 08/22/02 / NA

Lab: BAT

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Stomach, Glandular Mineralization				
LESION RATES				
OVERALL (a)	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	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	92 (T)
STATISTICAL TESTS				
POLY 3	P=0.199	(e)	(e)	P=0.500
POLY 1.5	P=0.199	(e)	(e)	P=0.500
POLY 6	P=0.199	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.196	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.078	(e)	(e)	P=0.158

Experiment Number: 20114 - 03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/BALB/C

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

Date Report Requested: 04/06/2012

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First Dose M/F: 08/22/02 / NA

Lab: BAT

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

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
<hr/>				
Testes: Germinal Epithelium Degeneration				
<hr/>				
LESION RATES				
OVERALL (a)	5/10 (50%)	0/0 (0%)	0/0 (0%)	8/10 (80%)
POLY-3 RATE (b)	5/10.00	0/0.00	0/0.00	8/10.00
POLY-3 PERCENT (g)	50%	0%	0%	80%
TERMINAL (d)	5/10 (50%)	0/0 (0%)	0/0 (0%)	8/10 (80%)
FIRST INCIDENCE	92 (T)	---	---	92 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	P=0.174
POLY 1.5	(e)	(e)	(e)	P=0.174
POLY 6	(e)	(e)	(e)	P=0.174
COCH-ARM / FISHERS	P=0.121	(e)	(e)	P=0.175
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.079

Experiment Number: 20114 - 03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/BALB/C

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

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Date Report Requested: 04/06/2012

Time Report Requested: 09:03:05

First Dose M/F: 08/22/02 / NA

Lab: BAT

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (e) Value of statistic cannot be computed.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (n) No statistics are calculated if all dose groups have fewer than two tumors.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***