

Experiment Number: 20114 - 04
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: MICE/AM3

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

Date Report Requested: 03/29/2012

Time Report Requested: 07:34:21

First Dose M/F: 08/23/02 / NA

Lab: BAT

F1_MX

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

Lymph Node, Mesenteric

Pancreas

Morphology

Infiltration Cellular Histiocyte

Hyperplasia

Vacuolization Cytoplasmic

Depletion Glycogen

Tension Lipidosis

Infiltration Cellular Histiocyte

Depletion Secretory

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(AM3)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Epididymis Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/5 (0%)	0/0 (0%)	0/0 (0%)	1/5 (20%)
POLY-3 RATE (b)	0/5.00	0/0.00	0/0.00	1/5.00
POLY-3 PERCENT (g)	0%	0%	0%	20%
TERMINAL (d)	0/5 (0%)	0/0 (0%)	0/0 (0%)	1/5 (20%)
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=0.299	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(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
Intestine Small, Duodenum Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/5 (0%)	2/5 (40%)	5/5 (100%)	4/5 (80%)
POLY-3 RATE (b)	0/5.00	2/5.00	5/5.00	4/5.00
POLY-3 PERCENT (g)	0%	40%	100%	80%
TERMINAL (d)	0/5 (0%)	2/5 (40%)	5/5 (100%)	4/5 (80%)
FIRST INCIDENCE	---	92 (T)	92 (T)	92 (T)
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.207	P=0.004**	P<0.001**
POLY 1.5	P<0.001**	P=0.207	P=0.004**	P<0.001**
POLY 6	P<0.001**	P=0.207	P=0.004**	P<0.001**
COCH-ARM / FISHERS	P=0.009**	P=0.222	P=0.004**	P=0.024*
MAX-ISO-POLY-3	P<0.001**	P=0.051	(e)	P<0.001**

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(AM3)
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)	0/5 (0%)	5/5 (100%)	5/5 (100%)	5/5 (100%)
POLY-3 RATE (b)	0/5.00	5/5.00	5/5.00	5/5.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
TERMINAL (d)	0/5 (0%)	5/5 (100%)	5/5 (100%)	5/5 (100%)
FIRST INCIDENCE	---	92 (T)	92 (T)	92 (T)
STATISTICAL TESTS				
POLY 3	P=0.003**	P=0.004**	P=0.004**	P=0.004**
POLY 1.5	P=0.003**	P=0.004**	P=0.004**	P=0.004**
POLY 6	P=0.003**	P=0.004**	P=0.004**	P=0.004**
COCH-ARM / FISHERS	P=0.003**	P=0.004**	P=0.004**	P=0.004**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(AM3)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
<hr/>				
Kidney Cyst				
<hr/>				
LESION RATES				
OVERALL (a)	0/5 (0%)	0/5 (0%)	1/5 (20%)	0/5 (0%)
POLY-3 RATE (b)	0/5.00	0/5.00	1/5.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	20%	0%
TERMINAL (d)	0/5 (0%)	0/5 (0%)	1/5 (20%)	0/5 (0%)
FIRST INCIDENCE	---	---	92 (T)	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.694	(e)	P=0.500	(e)
POLY 1.5	P=0.694	(e)	P=0.500	(e)
POLY 6	P=0.694	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.699	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.239	(e)	P=0.158	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(AM3)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Kidney				
Hydronephrosis				
LESION RATES				
OVERALL (a)	0/5 (0%)	1/5 (20%)	0/5 (0%)	0/5 (0%)
POLY-3 RATE (b)	0/5.00	1/5.00	0/5.00	0/5.00
POLY-3 PERCENT (g)	0%	20%	0%	0%
TERMINAL (d)	0/5 (0%)	1/5 (20%)	0/5 (0%)	0/5 (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=0.569N	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(AM3)
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)	1/5 (20%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
POLY-3 RATE (b)	1/5.00	0/5.00	0/5.00	0/5.00
POLY-3 PERCENT (g)	20%	0%	0%	0%
TERMINAL (d)	1/5 (20%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
FIRST INCIDENCE	92 (T)	---	---	---
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=0.301N	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(AM3)
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)	0/5 (0%)	1/5 (20%)	0/5 (0%)	0/5 (0%)
POLY-3 RATE (b)	0/5.00	1/5.00	0/5.00	0/5.00
POLY-3 PERCENT (g)	0%	20%	0%	0%
TERMINAL (d)	0/5 (0%)	1/5 (20%)	0/5 (0%)	0/5 (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=0.569N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.239N	P=0.158	(e)	(e)

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TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Kidney: Renal Tubule Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	4/5 (80%)	5/5 (100%)	2/5 (40%)	0/5 (0%)
POLY-3 RATE (b)	4/5.00	5/5.00	2/5.00	0/5.00
POLY-3 PERCENT (g)	80%	100%	40%	0%
TERMINAL (d)	4/5 (80%)	5/5 (100%)	2/5 (40%)	0/5 (0%)
FIRST INCIDENCE	92 (T)	92 (T)	92 (T)	---
STATISTICAL TESTS				
POLY 3	P<0.001N**	P=0.500	P=0.264N	P<0.001N**
POLY 1.5	P<0.001N**	P=0.500	P=0.264N	P<0.001N**
POLY 6	P<0.001N**	P=0.500	P=0.264N	P<0.001N**
COCH-ARM / FISHERS	P=0.002N**	P=0.500	P=0.262N	P=0.024N*
MAX-ISO-POLY-3	P<0.001N**	P=0.158	P=0.102N	P<0.001N**

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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				
Depletion Glycogen				
<hr/>				
LESION RATES				
OVERALL (a)	0/5 (0%)	4/5 (80%)	5/5 (100%)	5/5 (100%)
POLY-3 RATE (b)	0/5.00	4/5.00	5/5.00	5/5.00
POLY-3 PERCENT (g)	0%	80%	100%	100%
TERMINAL (d)	0/5 (0%)	4/5 (80%)	5/5 (100%)	5/5 (100%)
FIRST INCIDENCE	---	92 (T)	92 (T)	92 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P=0.004**	P=0.004**
POLY 1.5	P<0.001**	P<0.001**	P=0.004**	P=0.004**
POLY 6	P<0.001**	P<0.001**	P=0.004**	P=0.004**
COCH-ARM / FISHERS	P=0.003**	P=0.024*	P=0.004**	P=0.004**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	(e)	(e)

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TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Liver				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	1/5 (20%)	1/5 (20%)	1/5 (20%)	1/5 (20%)
POLY-3 RATE (b)	1/5.00	1/5.00	1/5.00	1/5.00
POLY-3 PERCENT (g)	20%	20%	20%	20%
TERMINAL (d)	1/5 (20%)	1/5 (20%)	1/5 (20%)	1/5 (20%)
FIRST INCIDENCE	92 (T)	92 (T)	92 (T)	92 (T)
STATISTICAL TESTS				
POLY 3	P=0.632	P=0.760	P=0.760	P=0.760
POLY 1.5	P=0.632	P=0.760	P=0.760	P=0.760
POLY 6	P=0.632	P=0.760	P=0.760	P=0.760
COCH-ARM / FISHERS	P=0.647	P=0.778N	P=0.778N	P=0.778N
MAX-ISO-POLY-3	P=1.000	P=1.000	P=1.000	P=1.000

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(AM3)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Liver				
Infiltration Cellular Mononuclear Cell				
LESION RATES				
OVERALL (a)	0/5 (0%)	0/5 (0%)	1/5 (20%)	0/5 (0%)
POLY-3 RATE (b)	0/5.00	0/5.00	1/5.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	20%	0%
TERMINAL (d)	0/5 (0%)	0/5 (0%)	1/5 (20%)	0/5 (0%)
FIRST INCIDENCE	---	---	92 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.694	(e)	P=0.500	(e)
POLY 1.5	P=0.694	(e)	P=0.500	(e)
POLY 6	P=0.694	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.699	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.239	(e)	P=0.158	(e)

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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)	5/5 (100%)	5/5 (100%)	5/5 (100%)	5/5 (100%)
POLY-3 RATE (b)	5/5.00	5/5.00	5/5.00	5/5.00
POLY-3 PERCENT (g)	100%	100%	100%	100%
TERMINAL (d)	5/5 (100%)	5/5 (100%)	5/5 (100%)	5/5 (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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TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
<hr/>				
Liver				
Tension Lipidosis				
<hr/>				
LESION RATES				
OVERALL (a)	2/5 (40%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
POLY-3 RATE (b)	2/5.00	0/5.00	0/5.00	0/5.00
POLY-3 PERCENT (g)	40%	0%	0%	0%
TERMINAL (d)	2/5 (40%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
FIRST INCIDENCE	92 (T)	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.084N	P=0.207N	P=0.207N	P=0.207N
POLY 1.5	P=0.084N	P=0.207N	P=0.207N	P=0.207N
POLY 6	P=0.084N	P=0.207N	P=0.207N	P=0.207N
COCH-ARM / FISHERS	P=0.104N	P=0.222N	P=0.222N	P=0.222N
MAX-ISO-POLY-3	P=0.011N*	P=0.051N	P=0.051N	P=0.051N

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TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Lymph Node, Mesenteric Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/5 (0%)	0/5 (0%)	0/5 (0%)	4/5 (80%)
POLY-3 RATE (b)	0/5.00	0/5.00	0/5.00	4/5.00
POLY-3 PERCENT (g)	0%	0%	0%	80%
TERMINAL (d)	0/5 (0%)	0/5 (0%)	0/5 (0%)	4/5 (80%)
FIRST INCIDENCE	---	---	---	92 (T)
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.024*
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**

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CAS Number: 7789-12-0

Date Report Requested: 03/29/2012

Time Report Requested: 07:34:21

First Dose M/F: 08/23/02 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(AM3)
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)	0/5 (0%)	3/5 (60%)	4/5 (80%)	5/5 (100%)
POLY-3 RATE (b)	0/5.00	3/5.00	4/5.00	5/5.00
POLY-3 PERCENT (g)	0%	60%	80%	100%
TERMINAL (d)	0/5 (0%)	3/5 (60%)	4/5 (80%)	5/5 (100%)
FIRST INCIDENCE	---	92 (T)	92 (T)	92 (T)
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.051	P<0.001**	P=0.004**
POLY 1.5	P<0.001**	P=0.051	P<0.001**	P=0.004**
POLY 6	P<0.001**	P=0.051	P<0.001**	P=0.004**
COCH-ARM / FISHERS	P=0.003**	P=0.083	P=0.024*	P=0.004**
MAX-ISO-POLY-3	P<0.001**	P=0.007**	P<0.001**	(e)

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

Date Report Requested: 03/29/2012

Time Report Requested: 07:34:21

First Dose M/F: 08/23/02 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(AM3)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Pancreas				
Necrosis Focal				
<hr/>				
LESION RATES				
OVERALL (a)	1/5 (20%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
POLY-3 RATE (b)	1/5.00	0/5.00	0/5.00	0/5.00
POLY-3 PERCENT (g)	20%	0%	0%	0%
TERMINAL (d)	1/5 (20%)	0/5 (0%)	0/5 (0%)	0/5 (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=0.301N	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

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

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First Dose M/F: 08/23/02 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(AM3)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Seminal Vesicle Dilatation				
LESION RATES				
OVERALL (a)	0/5 (0%)	0/0 (0%)	1/1 (100%)	0/5 (0%)
POLY-3 RATE (b)	0/5.00	0/0.00	1/1.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	100%	0%
TERMINAL (d)	0/5 (0%)	0/0 (0%)	1/1 (100%)	0/5 (0%)
FIRST INCIDENCE	---	---	92 (T)	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.167	(e)
POLY 1.5	(e)	(e)	P=0.167	(e)
POLY 6	(e)	(e)	P=0.167	(e)
COCH-ARM / FISHERS	P=0.709	(e)	P=0.167	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

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First Dose M/F: 08/23/02 / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(AM3)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Testes: Germinal Epithelium Degeneration				
LESION RATES				
OVERALL (a)	0/5 (0%)	0/0 (0%)	0/0 (0%)	1/5 (20%)
POLY-3 RATE (b)	0/5.00	0/0.00	0/0.00	1/5.00
POLY-3 PERCENT (g)	0%	0%	0%	20%
TERMINAL (d)	0/5 (0%)	0/0 (0%)	0/0 (0%)	1/5 (20%)
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=0.299	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Sodium dichromate dihydrate (VI)

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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 ***