

Experiment Number: 20114 - 04

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH  
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 03/29/2012

Test Type: 90-DAY

Sodium dichromate dihydrate (VI)

Time Report Requested: 07:34:21

Route: DOSED WATER

CAS Number: 7789-12-0

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

Species/Strain: MICE/AM3

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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AM3 (C57BL/6) MICE MALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
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**Disposition Summary**

Animals Initially In Study	5	5	5	5
Early Deaths				
Survivors				
Terminal Sacrifice	5	5	5	5
Animals Examined Microscopically	5	5	5	5

## ALIMENTARY SYSTEM

Esophagus	(5)	(0)	(0)	(5)
Gallbladder	(5)	(0)	(0)	(5)
Intestine Large, Cecum	(5)	(0)	(0)	(5)
Intestine Large, Colon	(5)	(0)	(0)	(5)
Intestine Large, Rectum	(5)	(0)	(0)	(5)
Intestine Small, Duodenum	(5)	(5)	(5)	(5)
Infiltration Cellular, Histiocyte		2 [1.0]	5 [1.4]	4 [1.8]
Epithelium, Hyperplasia		5 [1.0]	5 [1.2]	5 [1.8]
Intestine Small, Ileum	(5)	(0)	(0)	(5)
Intestine Small, Jejunum	(5)	(0)	(0)	(5)
Liver	(5)	(5)	(5)	(5)
Depletion Glycogen		4 [2.0]	5 [1.6]	5 [3.8]
Hematopoietic Cell Proliferation	1 [1.0]	1 [1.0]	1 [1.0]	1 [1.0]
Infiltration Cellular, Mononuclear Cell			1 [2.0]	
Inflammation	5 [1.0]	5 [1.0]	5 [1.2]	5 [1.0]
Tension Lipidosis	2			
Pancreas	(5)	(5)	(5)	(5)
Depletion Secretory		3 [1.0]	4 [1.0]	5 [1.6]
Necrosis, Focal	1 [2.0]			
Salivary Glands	(5)	(0)	(0)	(5)
Stomach, Forestomach	(5)	(5)	(5)	(5)
Stomach, Glandular	(5)	(5)	(5)	(5)

## CARDIOVASCULAR SYSTEM

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

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Heart	(5)	(0)	(0)	(5)
<b>ENDOCRINE SYSTEM</b>				
Adrenal Cortex	(5)	(0)	(0)	(5)
Adrenal Medulla	(5)	(0)	(0)	(5)
Parathyroid Gland	(4)	(0)	(0)	(2)
Pituitary Gland	(5)	(0)	(0)	(5)
Thyroid Gland	(5)	(0)	(0)	(5)
<b>GENERAL BODY SYSTEM</b>				
None				
<b>GENITAL SYSTEM</b>				
Epididymis	(5)	(0)	(0)	(5)
Inflammation, Chronic				1 [2.0]
Preputial Gland	(5)	(0)	(0)	(5)
Prostate	(5)	(0)	(0)	(5)
Seminal Vesicle	(5)	(0)	(1)	(5)
Dilatation			1 [2.0]	
Testes	(5)	(0)	(0)	(5)
Germinal Epithelium, Degeneration				1 [3.0]
<b>HEMATOPOIETIC SYSTEM</b>				
Bone Marrow	(5)	(0)	(0)	(5)
Lymph Node, Mandibular	(5)	(0)	(0)	(5)
Lymph Node, Mesenteric	(5)	(5)	(5)	(5)
Infiltration Cellular, Histiocyte				4 [1.5]
Spleen	(5)	(0)	(0)	(5)
Thymus	(5)	(0)	(0)	(5)

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62.5 MG/L

125 MG/L

250 MG/L

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

Bone	(5)	(0)	(0)	(5)
Skeletal Muscle	(5)	(0)	(0)	(5)

NERVOUS SYSTEM

Brain	(5)	(0)	(0)	(5)
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RESPIRATORY SYSTEM

Lung	(5)	(0)	(0)	(5)
Nose	(5)	(0)	(0)	(5)
Trachea	(5)	(0)	(0)	(5)

SPECIAL SENSES SYSTEM

Eye	(5)	(0)	(0)	(5)
Harderian Gland	(5)	(0)	(0)	(5)

URINARY SYSTEM

Kidney	(5)	(5)	(5)	(5)
Cyst			1 [3.0]	
Hydronephrosis		1 [4.0]		
Renal Tubule, Casts Protein	1 [1.0]			
Renal Tubule, Regeneration		1 [1.0]		

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Renal Tubule, Vacuolization Cytoplasmic	4 [1.0]	5 [1.2]	2 [1.0]	
Urinary Bladder	(5)	(0)	(0)	(5)

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\*\*\* END OF REPORT \*\*\*

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