

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

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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AM3 (C57BL/6) MICE MALE

0 MG/L

62.5 MG/L

125 MG/L

250 MG/L

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 (40%)	5 (100%)	4 (80%)
Epithelium, Hyperplasia		5 (100%)	5 (100%)	5 (100%)
Intestine Small, Ileum	(5)	(0)	(0)	(5)
Intestine Small, Jejunum	(5)	(0)	(0)	(5)
Liver	(5)	(5)	(5)	(5)
Depletion Glycogen		4 (80%)	5 (100%)	5 (100%)
Hematopoietic Cell Proliferation	1 (20%)	1 (20%)	1 (20%)	1 (20%)
Infiltration Cellular, Mononuclear Cell			1 (20%)	
Inflammation	5 (100%)	5 (100%)	5 (100%)	5 (100%)
Tension Lipidosis	2 (40%)			
Pancreas	(5)	(5)	(5)	(5)
Depletion Secretory		3 (60%)	4 (80%)	5 (100%)
Necrosis, Focal	1 (20%)			
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

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Heart	(5)	(0)	(0)	(5)
ENDOCRINE SYSTEM				
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)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Epididymis	(5)	(0)	(0)	(5)
Inflammation, Chronic				1 (20%)
Preputial Gland	(5)	(0)	(0)	(5)
Prostate	(5)	(0)	(0)	(5)
Seminal Vesicle	(5)	(0)	(1)	(5)
Dilatation			1 (100%)	
Testes	(5)	(0)	(0)	(5)
Germinal Epithelium, Degeneration				1 (20%)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(5)	(0)	(0)	(5)
Lymph Node, Mandibular	(5)	(0)	(0)	(5)
Lymph Node, Mesenteric	(5)	(5)	(5)	(5)
Infiltration Cellular, Histiocyte				4 (80%)
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 (20%)	
Hydronephrosis		1 (20%)		
Renal Tubule, Casts Protein	1 (20%)			
Renal Tubule, Regeneration		1 (20%)		

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Renal Tubule, Vacuolization Cytoplasmic	4 (80%)	5 (100%)	2 (40%)	
Urinary Bladder	(5)	(0)	(0)	(5)

*** END OF REPORT ***

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