

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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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Lab: BAT

AM3 (C57BL/6) MICE MALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		9	9	9	9	9	
		2	2	2	2	2	
	0 MG/L						
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		2	2	2	2	2	
		1	2	3	4	5	* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+				5
Gallbladder	+	+	+	+	+				5
Intestine Large, Cecum	+	+	+	+	+				5
Intestine Large, Colon	+	+	+	+	+				5
Intestine Large, Rectum	+	+	+	+	+				5
Intestine Small, Duodenum	+	+	+	+	+				5
Intestine Small, Ileum	+	+	+	+	+				5
Intestine Small, Jejunum	+	+	+	+	+				5
Liver	+	+	+	+	+				5
Hematopoietic Cell Proliferation					1				1 1.0
Inflammation	1	1	1	1	1				5 1.0
Tension Lipidosis		X		X					2
Pancreas	+	+	+	+	+				5
Necrosis, Focal	2								1 2.0
Salivary Glands	+	+	+	+	+				5
Stomach, Forestomach	+	+	+	+	+				5

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Lab: BAT

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
AM3 (C57BL/6) MICE MALE	9	9	9	9	9	
0 MG/L	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	2	2	2	2	2	
	1	2	3	4	5	
						* TOTALS
Stomach, Glandular						5
CARDIOVASCULAR SYSTEM						
Heart						5
ENDOCRINE SYSTEM						
Adrenal Cortex						5
Adrenal Medulla						5
Parathyroid Gland						4
Pituitary Gland						5
Thyroid Gland						5
GENERAL BODY SYSTEM						
NONE						
GENITAL SYSTEM						
Epididymis						5
Preputial Gland						5
Prostate						5
Seminal Vesicle						5

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DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
AM3 (C57BL/6) MICE MALE	9	9	9	9	9	
0 MG/L	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	2	2	2	2	2	
	1	2	3	4	5	
						* TOTALS
Testes	+	+	+	+	+	5
HEMATOPOIETIC SYSTEM						
Bone Marrow	+	+	+	+	+	5
Lymph Node	M	M	M	M	M	0
Lymph Node, Mandibular	+	+	+	+	+	5
Lymph Node, Mesenteric	+	+	+	+	+	5
Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5
INTEGUMENTARY SYSTEM						
Mammary Gland	M	M	M	M	M	0
MUSCULOSKELETAL SYSTEM						
Bone	+	+	+	+	+	5
Skeletal Muscle	+	+	+	+	+	5
NERVOUS SYSTEM						
Brain	+	+	+	+	+	5
Spinal Cord	M	M	M	M	M	0

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		0	0	0	0	0	
		9	9	9	9	9	
		2	2	2	2	2	
		2	2	3	4	5	
0 MG/L	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		2	2	2	2	2	
		1	2	3	4	5	
* TOTALS							

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5

URINARY SYSTEM

Kidney	+	+	+	+	+	5
Renal Tubule, Casts Protein	1					1 1.0
Renal Tubule, Vacuolization Cytoplasmic		1	1	1	1	4 1.0
Urinary Bladder	+	+	+	+	+	5

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AM3 (C57BL/6) MICE MALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		9	9	9	9	9	
		2	2	2	2	2	
		2	2	2	2	2	
62.5 MG/L	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		2	2	2	2	2	
		2	2	2	2	2	
		1	2	3	4	5	
* TOTALS							

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	5	
Infiltration Cellular, Histiocyte	1		1				2 1.0
Epithelium, Hyperplasia	1	1	1	1	1		5 1.0
Liver	+	+	+	+	+	5	
Depletion Glycogen	3	3	1	1			4 2.0
Hematopoietic Cell Proliferation	1						1 1.0
Inflammation	1	1	1	1	1		5 1.0
Pancreas	+	+	+	+	+	5	
Depletion Secretory	1		1		1		3 1.0
Stomach, Forestomach	+	+	+	+	+	5	
Stomach, Glandular	+	+	+	+	+	5	

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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AM3 (C57BL/6) MICE MALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		9	9	9	9	9	
		2	2	2	2	2	
		2	2	2	2	2	
62.5 MG/L	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		2	2	2	2	2	
		2	2	2	2	2	
		1	2	3	4	5	
* TOTALS							

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric

+ + + + +

5

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney

+ + + + +

5

Hydronephrosis

4

1 4.0

Renal Tubule, Regeneration

1

1 1.0

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	0	0	0	0	0	
AM3 (C57BL/6) MICE MALE	9	9	9	9	9	
62.5 MG/L	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	2	2	2	2	2	
	2	2	2	2	2	
	1	2	3	4	5	
						* TOTALS
Renal Tubule, Vacuolization Cytoplasmic	1	1	1	1	2	5 1.2

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		0	0	0	0	0	
		9	9	9	9	9	
		2	2	2	2	2	
		2	2	2	2	2	
125 MG/L	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		3	3	3	3	3	
		2	2	2	2	2	
		1	2	3	4	5	
* TOTALS							

GENITAL SYSTEM

Seminal Vesicle						1
Dilatation				+	2	1 2.0

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric	+	+	+	+	+	5
------------------------	---	---	---	---	---	----------

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	5
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M .. Missing tissue

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Lab: BAT

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
9	9	9	9	9	9	
2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	3	3	3	3	3	
	2	2	2	2	2	
	1	2	3	4	5	
						* TOTALS
Cyst				3		1 3.0
Renal Tubule, Vacuolization Cytoplasmic		1		1		2 1.0

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Lab: BAT

AM3 (C57BL/6) MICE MALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		9	9	9	9	9	
		2	2	2	2	2	
		2	2	2	2	2	
250 MG/L	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		4	4	4	4	4	
		2	2	2	2	2	
		1	2	3	4	5	
* TOTALS							

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	5	
Gallbladder	+	+	+	+	+	5	
Intestine Large, Cecum	+	+	+	+	+	5	
Intestine Large, Colon	+	+	+	+	+	5	
Intestine Large, Rectum	+	+	+	+	+	5	
Intestine Small, Duodenum	+	+	+	+	+	5	
Infiltration Cellular, Histiocyte	2		2	2	1		4 1.8
Epithelium, Hyperplasia	1	2	2	2	2		5 1.8
Intestine Small, Ileum	+	+	+	+	+	5	
Intestine Small, Jejunum	+	+	+	+	+	5	
Liver	+	+	+	+	+	5	
Depletion Glycogen	4	3	4	4	4		5 3.8
Hematopoietic Cell Proliferation		1					1 1.0
Inflammation	1	1	1	1	1		5 1.0
Pancreas	+	+	+	+	+	5	
Depletion Secretory	1	3	2	1	1		5 1.6
Salivary Glands	+	+	+	+	+	5	

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DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
AM3 (C57BL/6) MICE MALE	9	9	9	9	9	
	2	2	2	2	2	
250 MG/L	0	0	0	0	0	
	0	0	0	0	0	
ANIMAL ID	4	4	4	4	4	
	2	2	2	2	2	
	1	2	3	4	5	
* TOTALS						
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5
CARDIOVASCULAR SYSTEM						
Heart	+	+	+	+	+	5
ENDOCRINE SYSTEM						
Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Parathyroid Gland	M	+	M	M	+	2
Pituitary Gland	+	+	+	+	+	5
Thyroid Gland	+	+	+	+	+	5
GENERAL BODY SYSTEM						
NONE						
GENITAL SYSTEM						
Epididymis	+	+	+	+	+	5
Inflammation, Chronic			2			1 2.0
Preputial Gland	+	+	+	+	+	5

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AM3 (C57BL/6) MICE MALE 250 MG/L	DAY ON TEST					ANIMAL ID			
	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2				
	0	0	0	0	0				
	0	0	0	0	0				
	4	4	4	4	4				
	2	2	2	2	2				
	1	2	3	4	5				
									* TOTALS
Prostate	+	+	+	+	+				5
Seminal Vesicle	+	+	+	+	+				5
Testes	+	+	+	+	+				5
Germinal Epithelium, Degeneration			3						1 3.0
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+				5
Lymph Node	M	M	M	M	M				0
Lymph Node, Mandibular	+	+	+	+	+				5
Lymph Node, Mesenteric	+	+	+	+	+				5
Infiltration Cellular, Histiocyte	1	2	2		1				4 1.5
Spleen	+	+	+	+	+				5
Thymus	+	+	+	+	+				5
INTEGUMENTARY SYSTEM									
Mammary Gland	M	M	M	M	M				0
MUSCULOSKELETAL SYSTEM									
Bone	+	+	+	+	+				5
Skeletal Muscle	+	+	+	+	+				5

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		0	0	0	0	0	
		9	9	9	9	9	
		2	2	2	2	2	
		2	2	2	2	2	
250 MG/L	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		4	4	4	4	4	
		2	2	2	2	2	
		1	2	3	4	5	
* TOTALS							

NERVOUS SYSTEM

Brain	+	+	+	+	+	5
Spinal Cord	M	M	M	M	M	0

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5

URINARY SYSTEM

Kidney	+	+	+	+	+	5
Urinary Bladder	+	+	+	+	+	5

*** END OF REPORT ***

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