

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

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
Pancreas	+	+	+	+	+	5
Salivary Glands	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	5
-------	---	---	---	---	---	----------

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

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

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Parathyroid Gland	+	+	M	+	+	4
Pituitary Gland	+	+	+	+	+	5
Thyroid Gland	+	+	+	+	+	5

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	5
Preputial Gland	+	+	+	+	+	5
Prostate	+	+	+	+	+	5
Seminal Vesicle	+	+	+	+	+	5
Testes	+	+	+	+	+	5

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	5
-------------	---	---	---	---	---	----------

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

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
Trachea	+	+	+	+	+	5
SPECIAL SENSES SYSTEM						
Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5
URINARY SYSTEM						
Kidney	+	+	+	+	+	5
Urinary Bladder	+	+	+	+	+	5
SYSTEMIC LESIONS						
Multiple Organ	+	+	+	+	+	5

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

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	
	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
Liver	+	+	+	+	+	5
Pancreas	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

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							

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	5
--------	---	---	---	---	---	----------

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	----------

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

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	
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							

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	5
Liver	+	+	+	+	+	5
Pancreas	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Seminal Vesicle					+	1
-----------------	--	--	--	--	---	----------

HEMATOPOIETIC SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

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	
	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

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+		5
--------	---	---	---	---	---	--	----------

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+		5
----------------	---	---	---	---	---	--	----------

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

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	
	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
Intestine Small, Ileum	+	+	+	+	+	5
Intestine Small, Jejunum	+	+	+	+	+	5
Liver	+	+	+	+	+	5
Pancreas	+	+	+	+	+	5
Salivary Glands	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	5
-------	---	---	---	---	---	---

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

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

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Parathyroid Gland	M	+	M	M	+	2
Pituitary Gland	+	+	+	+	+	5
Meningioma Malignant, Metastatic, Brain					X	1
Thyroid Gland	+	+	+	+	+	5

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	5
Preputial Gland	+	+	+	+	+	5
Prostate	+	+	+	+	+	5
Seminal Vesicle	+	+	+	+	+	5
Testes	+	+	+	+	+	5

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

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
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
Maxilla, Meningioma Malignant, Metastatic, Brain					X			1
Skeletal Muscle	+	+	+	+	+			5
NERVOUS SYSTEM								
Brain	+	+	+	+	+			5
Meningioma Malignant					X			1
Spinal Cord	M	M	M	M	M			0

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P04: NEOPLASMS 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

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	
	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

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5
Optic Nerve, Meningioma Malignant, Metastatic, Brain					X	1
Harderian Gland	+	+	+	+	+	5

URINARY SYSTEM

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

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

*** END OF REPORT ***

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically