

Experiment Number: 20114 - 05
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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: 07:35:10
First Dose M/F: 08/20/02 / NA
Lab: BAT

F1_M3

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

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
0 MG/L	ANIMAL ID	2	2	2	2	2	2	2	2	2	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Depletion Glycogen						1					1 1.0
Hematopoietic Cell Proliferation							1				1 1.0
Inflammation	1	1	1	1	1	1	1	1	1	1	10 1.0
Necrosis, Focal				1			1	1			3 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

* .. 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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Lab: BAT

B6C3F1 MICE MALE 0 MG/L	DAY ON TEST	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0
											* TOTALS
Stomach, Glandular		+	+	+	+	+	+	+	+	+	10
CARDIOVASCULAR SYSTEM											
Heart		+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM											
Adrenal Cortex		+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	10
Parathyroid Gland		+	M	+	+	+	M	+	+	M M	6
Pituitary Gland		+	+	I	+	+	+	+	+	+	9
Thyroid Gland		+	+	+	+	+	+	+	+	+	10
GENERAL BODY SYSTEM											
NONE											
GENITAL SYSTEM											
Epididymis		+	+	+	+	+	+	+	+	+	10
Preputial Gland		+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	10

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Lab: BAT

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
		0	0	0	0	0	0	0	0	0	
0 MG/L	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		1	1	1	1	1	1	1	1	1	2
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

Testes	+	+	+	+	+	+	+	+	+	+	10
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HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
-------------	---	---	---	---	---	---	---	---	---	---	-----------

Lymph Node	M	M	M	M	M	M	M	M	M	M	0
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Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
------------------------	---	---	---	---	---	---	---	---	---	---	-----------

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
------------------------	---	---	---	---	---	---	---	---	---	---	-----------

Spleen	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

Thymus	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
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MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	-----------

Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	10
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NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
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Spinal Cord	M	M	M	M	M	M	M	M	M	M	0
-------------	---	---	---	---	---	---	---	---	---	---	----------

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B6C3F1 MICE MALE 0 MG/L	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Renal Tubule, Regeneration			1			1					2 1.0
Renal Tubule, Vacuolization Cytoplasmic	2	2	2	2	2	2	2	2	2	2	10 2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

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Lab: BAT

B6C3F1 MICE MALE 62.5 MG/L	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Histiocyte	1			1	1	1	1	1	1	1		8 1.0
Epithelium, Hyperplasia	1			1					1	1		4 1.0
Liver	+	+	+	+	+	+	+	+	+	+	10	
Depletion Glycogen					1	2						2 1.5
Inflammation		1	1	1		1	1		1	1		7 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Depletion Secretory				1		1						2 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	
Glands, Vacuolization Cytoplasmic	1							1				2 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		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	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	1	2
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric

+ + + + + + + + + +

10

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney + + + + + + + + + +

10

Renal Tubule, Regeneration

1

1 1.0

Renal Tubule, Vacuolization Cytoplasmic

2 3 3 2 2 2 2 2 2 3

10 2.3

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
125 MG/L	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
		1	2	3	4	5	6	7	8	9	0									
* TOTALS																				

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Histiocyte	2	2	1	1	1	1	2	1	1	2	1										10	1.4
Epithelium, Hyperplasia	1	1	1	1	1	2	1	1	1	1	1	1									10	1.1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Depletion Glycogen	1	1	2	1	2	1	2					1	2								9	1.4
Inflammation	2	1			1	1	1														6	1.2
Necrosis, Focal							1														1	1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Depletion Secretory			1	1	1			1	1					1	1						7	1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Erosion						1															1	1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
125 MG/L	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	
		1	1	1	1	1	1	1	1	1	2
		1	2	3	4	5	6	7	8	9	0
										* TOTALS	

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Histiocyte									1		1 1.0

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
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Lab: BAT

B6C3F1 MICE MALE 125 MG/L	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	* TOTALS
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	2	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	3	
		1	1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0	
Renal Tubule, Regeneration						1			1			2 1.0
Renal Tubule, Vacuolization Cytoplasmic		1	2	2	2	2	3	2	2	1	2	10 1.9

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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B6C3F1 MICE MALE 250 MG/L	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		4	4	4	4	4	4	4	4	4	4	
		1	1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0	
		* TOTALS										

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Histiocyte	2	2	1	3	1	2	3	2	2	2	10 2.0
Epithelium, Hyperplasia	2	2	2	2	1	2	2	1	1	1	10 1.6
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Depletion Glycogen	2	2	2	3	1	3	3	2	2	2	10 2.2
Inflammation		1	1	1			1	1			5 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Depletion Secretory	1	1	1	1		1	1	1	1	1	9 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20114 - 05

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

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: 07:35:10

First Dose M/F: 08/20/02 / NA

Lab: BAT

B6C3F1 MICE MALE 250 MG/L	DAY ON TEST	0	0	0	0	0	0	0	0	0		
	ANIMAL ID	0	0	0	0	0	0	0	0	0		
		9	9	9	9	9	9	9	9	9		
		2	2	2	2	2	2	2	2	2		
		0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		4	4	4	4	4	4	4	4	4		
		1	1	1	1	1	1	1	1	2		
		1	2	3	4	5	6	7	8	9	0	
		* TOTALS										
Stomach, Glandular		+	+	+	+	+	+	+	+	+	10	
CARDIOVASCULAR SYSTEM												
Heart		+	+	+	+	+	+	+	+	+	10	
ENDOCRINE SYSTEM												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	10	
Adrenal Medulla		+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland		M	+	+	+	M	+	M	M	+	M	5
Pituitary Gland		+	+	+	+	+	+	+	+	+	10	
Thyroid Gland		+	+	+	+	+	+	+	+	+	10	
GENERAL BODY SYSTEM												
NONE												
GENITAL SYSTEM												
Epididymis		+	+	+	+	+	+	+	+	+	10	
Preputial Gland		+	+	+	+	+	+	+	+	+	10	
Prostate		+	+	+	+	+	+	+	+	+	10	
Seminal Vesicle		+	+	+	+	+	+	+	+	+	10	

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	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
		4	4	4	4	4	4	4	4	4	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0
		* TOTALS									
Testes		+	+	+	+	+	+	+	+	+	10
HEMATOPOIETIC SYSTEM											
Bone Marrow		+	+	+	+	+	+	+	+	+	10
Lymph Node		M	M	M	M	M	M	M	M	M	0
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric Infiltration Cellular, Histiocyte		+	+	+	+	+	+	+	+	+	10
				1				2		2	3 1.7
Spleen		+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	10
INTEGUMENTARY SYSTEM											
Mammary Gland		M	M	M	M	M	M	I	M	M	0
MUSCULOSKELETAL SYSTEM											
Bone		+	+	+	+	+	+	+	+	+	10
Skeletal Muscle		+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM											
Brain		+	+	+	+	+	+	+	+	+	10

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	0	0	0	0	0	0	0	0	0	0				
	0	0	0	0	0	0	0	0	0	0	0			
	9	9	9	9	9	9	9	9	9	9	0			
	2	2	2	2	2	2	2	2	2	2	0			
	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0			
	4	4	4	4	4	4	4	4	4	4	0			
	1	1	1	1	1	1	1	1	1	2	0			
	1	2	3	4	5	6	7	8	9	0				
* TOTALS														
Spinal Cord	M	M	M	M	M	M	M	M	M	M			0	
RESPIRATORY SYSTEM														
Lung	+	+	+	+	+	+	+	+	+	+			10	
Nose	+	+	+	+	+	+	+	+	+	+			10	
Trachea	+	+	+	+	+	+	+	+	+	+			10	
SPECIAL SENSES SYSTEM														
Eye	+	+	+	+	+	+	+	+	+	+			10	
Harderian Gland	+	+	+	+	+	+	+	+	+	+			10	
URINARY SYSTEM														
Kidney	+	+	+	+	+	+	+	+	+	+			10	
Renal Tubule, Regeneration	1	1	1										3 1.0	
Renal Tubule, Vacuolization Cytoplasmic	1		2	2	1	1	1	2	1	1			9 1.3	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+			10	

*** END OF REPORT ***

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