

Experiment Number: 20702 - 02
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Usnea Lichen
CAS Number: USNEALICHEN

Date Report Requested: 12/03/2020
Time Report Requested: 12:51:12
First Dose M/F: 02/13/09 / 02/13/09
Lab: NCTR

NTP Study Number: C20702
Lock Date: 07/01/2013
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	0
MICE MALE	9	9	9	9	9	9	9	9	9	9
Control 0 PPM	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	2	2	4	4	6	6	8	9	9	9
	1	2	5	6	5	6	9	0	7	8
* 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
Tension Lipidosis					1	1					2 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

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 1) Minimal 3) Moderate
 2) Mild 4) Marked

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0		
	9	9	9	9	9	9	9	9	9	9		
ANIMAL ID	5	5	5	5	5	5	5	5	5	5		
	0	0	0	0	0	0	0	0	0	0		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE Control 0 PPM	0	0	0	0	0	0	0	0	0	0		
	2	2	4	4	6	6	8	9	9	9		
	1	2	5	6	5	6	9	0	7	8		
											* TOTALS	
Inflammation, Suppurative											2	1 2.0
Prostate	+	+	+	+	+	+	+	+	+	+	10	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10	
Testes	+	+	+	+	+	+	+	+	+	+	10	
HEMATOPOIETIC SYSTEM												
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	10	1 1.0
Spleen Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	10	5 2.0
Thymus	+	+	+	+	+	+	+	+	+	+	10	
INTEGUMENTARY SYSTEM												
Mammary Gland	M	M	M	M	M	M	M	M	M	M	0	
Skin	+	+	+	+	+	+	+	+	+	+	10	
MUSCULOSKELETAL SYSTEM												
Bone, Femur	+	+	+	+	+	+	+	+	+	+	10	

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	0	0	0	0	0	0	0	0	0	0	
9	9	9	9	9	9	9	9	9	9	9	
5	5	5	5	5	5	5	5	5	5	5	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
2	2	4	4	6	6	8	9	9	9	9	
1	2	5	6	5	6	9	0	7	8		
* TOTALS											

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	10
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	10
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	10

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Lymphocyte						1					1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

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	C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	0
MICE MALE	9	9	9	9	9	9	9	9	9	9
USNEA 180 PPM	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	1	1	
	0	0	2	3	5	5	8	8	1	1
	5	6	9	0	7	8	1	2	7	8
* TOTALS										

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Tension Lipidosis			1								1 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE USNEA 180 PPM	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	
		5	5	5	5	5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	1	1		
	0	0	2	3	5	5	8	8	1	1	
	5	6	9	0	7	8	1	2	7	8	
* TOTALS											

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE USNEA 360 PPM	DAY ON TEST										ANIMAL ID	
	0 9 5	0 0 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5		
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	1	1	1	
	1	1	3	3	5	5	7	7	1	1	1	
	3	4	7	8	3	4	7	8	3	4		* 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
Inflammation, Chronic								2			1 2.0
Hepatocyte, Degeneration	1	1	2	2	2	2	2	2	2	2	10 1.8
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID
	C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	0	
MICE MALE	9	9	9	9	9	9	9	9	9	9	
USNEA 360 PPM	5	5	5	5	5	5	5	5	5	5	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	1	1	1	
	1	1	3	3	5	5	7	7	1	1	
	3	4	7	8	3	4	7	8	3	4	
* TOTALS											

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Accessory Adrenal Cortical Nodule									X		1
Subcapsular, Hyperplasia									1		1 1.0
Adrenal Medulla	+	+	M	+	+	+	+	+	+	+	9
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Ectopic Thymus			X								1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE USNEA 360 PPM	DAY ON TEST										ANIMAL ID			
	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5				
	0	0	0	0	0	0	0	0	0	0	0 0 0 1 3			
	* TOTALS													
Bone, Femur	+	+	+	+	+	+	+	+	+	+			10	
NERVOUS SYSTEM														
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+			10	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+			10	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+			10	
RESPIRATORY SYSTEM														
Lung	+	+	+	+	+	+	+	+	+	+			10	
Nose	+	+	+	+	+	+	+	+	+	+			10	
Trachea	+	+	+	+	+	+	+	+	+	+			10	
SPECIAL SENSES SYSTEM														
Eye	+	+	+	+	+	+	+	+	+	+			10	
Harderian Gland	+	+	+	+	+	+	+	+	+	+			10	
URINARY SYSTEM														
Kidney	+	+	+	+	+	+	+	+	+	+			10	
Infiltration Cellular, Lymphocyte							1							1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+			10	

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*** END OF MALE DATA ***

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C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE Control 0 PPM	DAY ON TEST										ANIMAL ID			
	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5				0 9 5
	0	0	0	0	0	0	0	0	0	0	0 0 0 2 3			
	* TOTALS													
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+			10	
CARDIOVASCULAR SYSTEM														
Blood Vessel	+	+	+	+	+	+	+	+	+	+			10	
Heart	+	+	+	+	+	+	+	+	+	+			10	
ENDOCRINE SYSTEM														
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+			10	
Vacuolization Cytoplasmic												1		1 1.0
Subcapsular, Hyperplasia	1	1	1	1		1		1	1	1				8 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+			10	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+			10	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+			10	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+			10	
Pars Distalis, Hyperplasia								2						1 2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+			10	
Ectopic Thymus	X													1
GENERAL BODY SYSTEM														
NONE														

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C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE Control 0 PPM	DAY ON TEST										ANIMAL ID
	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	
	0	0	0	0	0	0	0	0	0	0	0 0 0 2 3
* TOTALS											

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary Atrophy	+	+	+	+	+	+	2	+	+	+	10 1 2.0
Uterus	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	+	+	+	+	+	1	+	+	10 1 1.0
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+	+	2	+	+	+	+	+	2	+	10 2 2.0
Spleen Depletion Lymphoid	+	+	+	+	+	+	2	+	+	+	10 1 2.0
Hematopoietic Cell Proliferation	2		2		2	2		2			6 2.0
Hyperplasia, Lymphoid	2	2						2			3 2.0
Thymus Atrophy	+	+	+	+	+	+	+	4	+	+	10 1 4.0

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
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C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE Control 0 PPM	DAY ON TEST										ANIMAL ID		
	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5			0 9 5
	0	0	0	0	0	0	0	0	0	0	0 0 0 2 3		* TOTALS
Skin	+	+	+	+	+	+	+	+	+	+			10
MUSCULOSKELETAL SYSTEM													
Bone, Femur Hyperplasia	+	+	+	+	+	+	+	+	+	+	2		10 1 2.0
NERVOUS SYSTEM													
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+			10
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+			10
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+			10
RESPIRATORY SYSTEM													
Lung	+	+	+	+	+	+	+	+	+	+			10
Nose	+	+	+	+	+	+	+	+	+	+			10
Trachea	+	+	+	+	+	+	+	+	+	+			10
SPECIAL SENSES SYSTEM													
Eye	+	+	+	+	+	+	+	+	+	+			10
Harderian Gland	+	+	+	+	+	+	+	+	+	+			10
URINARY SYSTEM													

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
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 BLANK .. Not examined microscopically

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

Experiment Number: 20702 - 02
 Test Type: 90-DAY
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Usnea Lichen
 CAS Number: USNEALICHEN

Date Report Requested: 12/03/2020
 Time Report Requested: 12:51:12
 First Dose M/F: 02/13/09 / 02/13/09
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE USNEA 60 PPM	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	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
	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1	1	0	0	0
	1	2	4	4	6	6	8	8	8	0	0	0	0	0
	9	0	3	4	3	4	7	8	8	3	4			
													* TOTALS	

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	+			
Inflammation, Chronic Active			1											
														10
														2 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	+			10
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HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE USNEA 60 PPM	DAY ON TEST	0	0	0	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	9	9
		5	5	5	5	5	5	5	5	5	5	5	5
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	1	1	0	0	
	1	2	4	4	6	6	8	8	8	0	0	0	
	9	0	3	4	3	4	7	8	3	4			
* TOTALS													

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

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Experiment Number: 20702 - 02
 Test Type: 90-DAY
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Date Report Requested: 12/03/2020
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 First Dose M/F: 02/13/09 / 02/13/09
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE USNEA 180 PPM	DAY ON TEST										* TOTALS
	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	1	1	1	
	7	8	1	2	5	6	8	3	4	9	0

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active					1	1				1	3 1.0
Hepatocyte, Degeneration					1						1 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	10
Atrophy	2	2	2	2		2		1	2		7 1.9

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

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 + .. Tissue examined microscopically
 X .. Lesion present
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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 20702 - 02
 Test Type: 90-DAY
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Usnea Lichen
 CAS Number: USNEALICHEN

Date Report Requested: 12/03/2020
 Time Report Requested: 12:51:12
 First Dose M/F: 02/13/09 / 02/13/09
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE USNEA 180 PPM	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
		5	5	5	5	5	5	5	5	5	5
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	1	1	1	
	0	0	3	3	5	6	8	8	1	2	
	7	8	1	2	9	0	3	4	9	0	
* TOTALS											

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

* .. 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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 Test Type: 90-DAY
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 Species/Strain: MICE/B6C3F1/NCTR

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 First Dose M/F: 02/13/09 / 02/13/09
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE USNEA 360 PPM	DAY ON TEST										ANIMAL ID	
	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 2 0	0 9 5		0 9 5
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	1	1	1	
	1	1	3	4	5	5	7	8	1	1	1	
	5	6	9	0	5	6	9	0	5	6		
* TOTALS												

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+		10
Gallbladder	+	+	+	+	+	+	+	A	+	+		9
Intestine Large, Cecum	+	+	+	+	+	+	+	A	+	+		9
Intestine Large, Colon	+	+	+	+	+	+	+	A	+	+		9
Intestine Large, Rectum	+	+	+	+	+	+	+	A	+	+		9
Intestine Small, Duodenum	+	+	+	+	+	+	+	A	+	+		9
Intestine Small, Ileum	+	+	+	+	+	+	+	A	+	+		9
Intestine Small, Jejunum	+	+	+	+	+	+	+	A	+	+		9
Liver	+	+	+	+	+	+	+	A	+	+		9
Hepatocyte, Degeneration	1		1	1	2	2	2		2	2		8 1.6
Pancreas	+	+	+	+	+	+	+	+	+	+		10
Cyst					3							1 3.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+		10
Stomach, Forestomach	+	+	+	+	+	+	+	A	+	+		9
Stomach, Glandular	+	+	+	+	+	+	+	A	+	+		9

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 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	0
MICE FEMALE	9	9	9	9	9	9	9	2	9	9
USNEA 360 PPM	5	5	5	5	5	5	5	0	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	1	1	1
	1	1	3	4	5	5	7	8	1	1
	5	6	9	0	5	6	9	0	5	6
* TOTALS										

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Subcapsular, Hyperplasia	1	1	1	1	1	1	1		1	1	9 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Ectopic Thymus										X	1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	M	+	+	+	+	+	+	+	+	+	9
Ovary	+	+	+	+	+	+	+	+	+	+	10

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 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE USNEA 360 PPM	DAY ON TEST										* TOTALS
	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 2 0	0 0 9 5	
	ANIMAL ID										
	0 0 0 1 5	0 0 0 1 6	0 0 0 3 9	0 0 0 4 0	0 0 0 5 5	0 0 0 5 6	0 0 0 7 9	0 0 0 8 0	0 0 0 1 5	0 0 1 1 6	
Atrophy	2	2	3	3	2	3	3	3	2	2	10 2.5
Uterus	+	+	+	+	+	+	+	+	+	+	10
HEMATOPOIETIC SYSTEM											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	10 3 1.3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	A	+	+	9
Spleen	+	+	+	+	+	+	+	A	+	+	9
Hematopoietic Cell Proliferation		2	2	2		2	2		2	2	7 2.0
Hyperplasia, Lymphoid		4		2		2				2	4 2.5
Pigmentation		2									1 2.0
Thymus	+	+	+	+	+	+	+	A	+	+	9
INTEGUMENTARY SYSTEM											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
MUSCULOSKELETAL SYSTEM											
Bone, Femur	+	+	+	+	+	+	+	A	+	+	9
NERVOUS SYSTEM											

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