

Experiment Number: 20314 - 04
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Glycidamide
CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
Time Report Requested: 07:40:57
First Dose M/F: 06/02/05 / 06/02/05
Lab: NCTR

NTP Study Number: C20314
Lock Date: 10/03/2011
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.2_002
PWG Approval Date: NONE

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 GLYCID	DAY ON TEST																								males (cont...)
	0733	0733	0574	0099	0558	0733	0381	0773	0773	0773	0773	0573	0773	0773	0573	0662	0773	0773	0573	0669	0674	0778	0550	0663	
ANIMAL ID	00361	00362	00363	00364	00367	00368	00369	00371	00372	00373	00374	00375	00376	00377	00378	00379	00381	00382	00383	00384	00385	00386	00387	00388	00389
	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

ALIMENTARY SYSTEM

Esophagus	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	
Gallbladder	+	+	M	A	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+	
Intestine Large, Colon	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+	
Intestine Large, Rectum	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+	
Intestine Small, Duodenum Epithelium, Hyperplasia	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+	
Intestine Small, Ileum Hyperplasia, Lymphoid	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+	
Intestine Small, Jejunum Hyperplasia, Lymphoid	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																									
Basophilic Focus							X								X										
Basophilic Focus, Multiple																									
Eosinophilic Focus						X																		X	
Hematopoietic Cell Proliferation																									
Infiltration Cellular, Polymorphonuclear																									
Inflammation, Chronic Active																								4	

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	0733	0733	0574	0099	0558	0733	0381	0773	0773	0773	0773	0593	0733	0733	0733	0574	0626	0733	0773	0569			0694	0780	0530	0653
0.70 GLYCID	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	00376	00377	00378	00379	00380	00381	00382	00383	00384	00385	

Necrosis Kupffer Cell, Hyperplasia Oval Cell, Hyperplasia	4																									
Mesentery																										
Oral Mucosa																										
Pancreas Infiltration Cellular, Lymphocyte Acinus, Degeneration Duct, Dilatation	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	
																						1				
				2																		2	2			
Salivary Glands Infiltration Cellular, Lymphocyte	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	
		1			1	2		1	1						1						2		2	1		
Stomach, Forestomach Epithelium, Hyperplasia	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	
	1					3																	2		2	
Stomach, Glandular Epithelium, Hyperplasia	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+	
						2																				

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart Infiltration Cellular, Polymorphonuclear	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
																									4	

ENDOCRINE SYSTEM

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	0733	0733	0574	0099	0558	0733	0388	0721	0773	0773	0570	0733	0733	0574	0626	0773	0569	0674	0758	0530			0653
	0061	0062	0063	0064	0067	0068	0069	0071	0072	0073	0074	0075	0077	0078	0079	0081	0082	0083	0084	0085	0087	0088	

Adrenal Cortex
Subcapsular, Hyperplasia

+ + A A + + + + + + + + + + + + + + + A + A + +
 2 1 1 2 2 1 1 1 1 1 2 1 2 1 1 1 2 3 4 1 2

Adrenal Medulla

+ + A A + + + + + + + + + + + + + + + A + A + +

Islets, Pancreatic
Hyperplasia

+ + A + + + + + + + + + + + + + + + A + A + +

Parathyroid Gland
Cyst

+ + A + M + M + + + + + + + + + M + + + + +
 2

Pituitary Gland
Pars Distalis, Cyst

+ + A A + + + + + + + + + + + + + M + A + A + +

Thyroid Gland
Follicle, Degeneration

+ + A + M + + + + + + + + + + + + + A + A + +
 1 3

GENERAL BODY SYSTEM

Tissue NOS

GENITAL SYSTEM

Epididymis
Exfoliated Germ Cell
Hypospermia
Infiltration Cellular, Polymorphonuclear
Inflammation, Chronic
Spermatocoele

+ + A A + + A + + + + + + + + + + + A + + + +
 3
 2 2 4
 2

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ANIMAL ID	00361	00362	00363	00364	00367	00368	00369	00370	00371	00372	00373	00374	00375	00376	00377	00378	00379	00380	00381	00382	00383	00384	00385	00386	00387
Preputial Gland Cyst	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+
Degeneration																									
Infiltration Cellular, Lymphocyte																									
Inflammation, Suppurative																									
Inflammation, Chronic Active																									
Duct, Dilatation																									
Prostate	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Inflammation, Chronic Active																									
Epithelium, Hyperplasia																									
Seminal Vesicle	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A
Lumen, Dilatation																									
Testes	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A
Seminiferous Tubule, Degeneration																									

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+
Hyperplasia																										
Lymph Node																										
Axillary, Hyperplasia, Lymphoid																										
Iliac, Hyperplasia, Lymphoid																										
Iliac, Infiltration Cellular, Polymorphonuclear																										
Inguinal, Hyperplasia, Lymphoid																										
Inguinal, Infiltration Cellular, Plasma Cell																										

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	0 7 3 3	0 7 3 3	0 5 7 4	0 0 9 9	0 5 3 8	0 7 3 3	0 3 8 1	0 7 7 3	0 7 7 3	0 7 7 3	0 5 9 0	0 7 3 3	0 7 3 3	0 5 7 4	0 6 2 6	0 7 3 3	0 7 0 8	0 5 6 9	0 6 9 4	0 7 0 8			0 5 3 0	0 6 5 3	0 7 3 3
Lumbar, Infiltration Cellular, Polymorphonuclear																						4			
Renal, Hyperplasia, Lymphoid																						4			
Renal, Infiltration Cellular, Polymorphonuclear																						4			
Lymph Node, Mandibular	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+
Hyperplasia, Lymphoid	3										2								2			2			
Infiltration Cellular, Histiocyte					2																				
Infiltration Cellular, Mast Cell						3																			
Infiltration Cellular, Plasma Cell																			2	2					
Infiltration Cellular, Polymorphonuclear																									4
Pigmentation																									
Sinus, Dilatation	3																								
Lymph Node, Mesenteric	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+
Angiectasis																									
Hematopoietic Cell Proliferation																									
Hemorrhage	2					2									3				3	3					
Hyperplasia, Lymphoid						3								2	3					4					2
Infiltration Cellular, Histiocyte																			4						
Infiltration Cellular, Mast Cell						2							2												
Infiltration Cellular, Polymorphonuclear																									4
Sinus, Dilatation																									
Spleen	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+
Congestion																									
Hematopoietic Cell Proliferation		2						4		3		3				3			4			3		3	
Hyperplasia, Lymphoid	2	2			2		3	2		3	2		3	2		4	2		3			4		3	
Pigmentation																									

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	0733	0733	0574	0099	0598	0733	0381	0773	0773	0773	0570	0773	0773	0573	0626	0773	0569	0694	0780	0530			0653
	0061	0062	0063	0064	0067	0062	0063	0064	0067	0068	0068	0069	0069	0069	0069	0069	0069	0069	0069	0069	0069	0069	

Thymus Atrophy	+	M	+	A	+	+	+	M	+	+	+	+	+	+	+	A	+	+	M	A	+	M	+	+
						2				4	2				4			3	4					4

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M
Skin Inflammation, Chronic Active Ulcer Epithelium, Hyperplasia	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

NERVOUS SYSTEM

Brain, Brain Stem	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	
Brain, Cerebellum	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	
Brain, Cerebrum Mineralization	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	
	1	1				2			1		1		1		1			1					1		
Peripheral Nerve, Sciatic Axon, Degeneration	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	
	1	1			2	2		1	1	2	1		2	1	1	1	1		2	1		3		2	1

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Spinal Cord, Cervical Axon, Degeneration	+	+	A	A	+	A	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+
Spinal Cord, Lumbar Axon, Degeneration Nerve, Degeneration	2	1			1	1	1	2		2	2	1		1	2		2		2		1	2	
Spinal Cord, Thoracic Axon, Degeneration	+	+	A	A	A	+	A	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+
RESPIRATORY SYSTEM																							
Lung Hemorrhage Infiltration Cellular, Histiocyte Inflammation, Chronic Alveolar Epithelium, Hyperplasia Alveolus, Infiltration Cellular, Histiocyte	2																						
Nose Crystals Hyaline Droplet Inflammation, Suppurative	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Trachea	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
SPECIAL SENSES SYSTEM																							
Eye Cataract	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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ANIMAL ID	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	00376	00377	00378	00379	00380	00381	00382	00383	00384	

Cornea, Inflammation, Chronic																									1
Cornea, Inflammation, Chronic Active	4				2				3																
Cornea, Ulcer	4				3				3																
Harderian Gland Cyst	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epithelium, Hyperplasia																									2
Zymbal's Gland Keratin Cyst																									

URINARY SYSTEM

Kidney	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+			
Autolysis																									4			
Degeneration																									4			
Hyaline Droplet																									3			
Hydronephrosis																												
Infarct																												
Infiltration Cellular, Lymphocyte									1					1					1									2
Infiltration Cellular, Polymorphonuclear																												4
Nephropathy	1	1					2	1					1					1									1	
Urinary Bladder	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+			
Infiltration Cellular, Lymphocyte													1															
Infiltration Cellular, Polymorphonuclear																									4			
Inflammation, Suppurative																												
Lumen, Dilatation																		4									3	

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	057	073	062	065	070	073	073	073	073	073	067	077	077	066	077	057	077	077	057	077	
ANIMAL ID	0082	0058	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Gallbladder	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	39		
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	39	2	2.0
Intestine Large, Colon	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	39		
Intestine Large, Rectum	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	39		
Intestine Small, Duodenum Epithelium, Hyperplasia	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	39	1	3.0
Intestine Small, Ileum Hyperplasia, Lymphoid	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	39	2	2.0
Intestine Small, Jejunum Hyperplasia, Lymphoid	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	39	1	2.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Angiectasis																							1	1	1.0
Basophilic Focus																							2		
Basophilic Focus, Multiple			X																				1		
Eosinophilic Focus																							2		
Hematopoietic Cell Proliferation																							3	1	3.0
Infiltration Cellular, Polymorphonuclear																							1	1	4.0
Inflammation, Chronic Active																							1	1	1.0

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 GLYCID	DAY ON TEST																				* TOTALS		
	0579	0733	0623	0659	0705	0773	0773	0773	0773	0773	0679	0773	0773	0679	0773	0579	0773	0773	0579	0773		0773	0472
ANIMAL ID	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584
Necrosis	4									3													
Kupffer Cell, Hyperplasia		4																					
Oval Cell, Hyperplasia				3																			
Mesentery			+																				1
Oral Mucosa																		+	+				2
Pancreas	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Infiltration Cellular, Lymphocyte					1									1									3 1.0
Acinus, Degeneration		2																					3 2.0
Duct, Dilatation		4																					2 3.0
Salivary Glands	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Infiltration Cellular, Lymphocyte	2	1		1			1				1				1	1				1	1		18 1.2
Stomach, Forestomach	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	41
Epithelium, Hyperplasia						2		2			2						3				2		12 2.0
Stomach, Glandular	+	+	A	+	+	+	+	+	M	+	A	+	+	+	+	+	+	+	+	+	+	A	38
Epithelium, Hyperplasia																							1 2.0
CARDIOVASCULAR SYSTEM																							
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Infiltration Cellular, Polymorphonuclear																							1 4.0
ENDOCRINE SYSTEM																							

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Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 GLYCID	DAY ON TEST																				* TOTALS					
	0579	0733	0623	0659	0705	0707	0707	0707	0707	0707	0707	0676	0707	0707	0676	0707	0575	0722	0722	0578		0707	0707	0707	0474	
ANIMAL ID	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581		
Adrenal Cortex Subcapsular, Hyperplasia	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44 36 1.4		
Adrenal Medulla	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43		
Islets, Pancreatic Hyperplasia	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44 2 2.0		
Parathyroid Gland Cyst	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42 2 1.5		
Pituitary Gland Pars Distalis, Cyst	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42 1 1.0		
Thyroid Gland Follicle, Degeneration	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43 4 1.8		
GENERAL BODY SYSTEM																										
Tissue NOS			+																					1		
GENITAL SYSTEM																										
Epididymis	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43		
Exfoliated Germ Cell																								1 3.0		
Hypospermia																								3 2.3		
Infiltration Cellular, Polymorphonuclear																								1 4.0		
Inflammation, Chronic			4																					3 2.7		
Spermatocoele																								1 3.0		

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Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 GLYCID	DAY ON TEST																				* TOTALS	
	0579	0733	0623	0659	0705	0773	0773	0773	0773	0773	0676	0773	0773	0676	0773	0575	0773	0773	0575	0773		0773
ANIMAL ID	00582	00583	00584	00589	00592	00593	00594	00595	00599	00601	00602	00603	00604	00605	00606	00607	00608	00609	00611	00612	00613	00614
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Cyst		2	2																		4	4 2.8
Degeneration							2					2	4		4	4		3				9 3.1
Infiltration Cellular, Lymphocyte																						1 3.0
Inflammation, Suppurative		2				2				4												7 2.7
Inflammation, Chronic Active															3	3						2 3.0
Duct, Dilatation						3				4										3		4 3.5
Prostate	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	41
Inflammation, Chronic Active	4																					1 4.0
Epithelium, Hyperplasia																						1 3.0
Seminal Vesicle	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	41
Lumen, Dilatation																					3	1 3.0
Testes	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	42
Seminiferous Tubule, Degeneration				1														4				5 2.4
HEMATOPOIETIC SYSTEM																						
Bone Marrow	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Hyperplasia				2	3						2							2				8 2.5
Lymph Node	+												+									6
Axillary, Hyperplasia, Lymphoid																						1 3.0
Iliac, Hyperplasia, Lymphoid																						1 3.0
Iliac, Infiltration Cellular, Polymorphonuclear																						1 3.0
Inguinal, Hyperplasia, Lymphoid																						1 2.0
Inguinal, Infiltration Cellular, Plasma Cell																						1 2.0

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Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 GLYCID	DAY ON TEST																				* TOTALS		
	0579	0733	0623	0659	0705	0773	0773	0773	0773	0773	0676	0773	0773	0676	0773	0575	0773	0773	0575	0773		0773	0773
ANIMAL ID	00582	00583	00584	00589	00595	00593	00593	00593	00593	00593	00593	00593	00593	00593	00593	00593	00593	00593	00593	00593	00593	00593	00593
Lumbar, Infiltration Cellular, Polymorphonuclear																							1 4.0
Renal, Hyperplasia, Lymphoid	3																						1 3.0
Renal, Infiltration Cellular, Polymorphonuclear																							1 4.0
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Infiltration Cellular, Histiocyte		2			1															2			7 2.0
Infiltration Cellular, Mast Cell											2												2 2.0
Infiltration Cellular, Plasma Cell																					3		2 3.0
Infiltration Cellular, Polymorphonuclear						2															3		4 2.3
Pigmentation	1																						1 1.0
Sinus, Dilatation																							1 3.0
Lymph Node, Mesenteric Angiectasis	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	42
Hematopoietic Cell Proliferation									2						2		2						3 2.0
Hemorrhage		3						4			3			2							3		4 2.5
Hyperplasia, Lymphoid	2						2	4	2		2		2							2			9 2.8
Infiltration Cellular, Histiocyte					2			4												2			12 2.5
Infiltration Cellular, Mast Cell																						3	5 3.0
Infiltration Cellular, Polymorphonuclear																							2 2.0
Sinus, Dilatation											4												1 4.0
Spleen Congestion	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Hematopoietic Cell Proliferation									4														1 4.0
Hyperplasia, Lymphoid	3				4					3					4		4	2	4	2		2	17 3.1
Pigmentation	3	4			4	2	3	1		2					2		3	2		2			23 2.6
								2															1 2.0

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Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 GLYCID	DAY ON TEST																				* TOTALS
	0579	0733	0623	0659	0705	0773	0773	0773	0773	0773	0679	0733	0733	0634	0733	0586	0726	0758	0773	0773	
ANIMAL ID	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Thymus Atrophy	+	+	M	M	+	+	+	+	M	+	A	+	+	+	+	M	+	M	+	+	+	M	34	16	3.1
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INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	1		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	1	2.0
Inflammation, Chronic Active Ulcer Epithelium, Hyperplasia																								1	2.0
																								1	2.0

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		

NERVOUS SYSTEM

Brain, Brain Stem	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42		
Brain, Cerebellum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42		
Brain, Cerebrum Mineralization	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	20	1.2
Peripheral Nerve, Sciatic Axon, Degeneration	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	42	32	1.3

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	0579	0733	0623	0659	0705	0773	0773	0773	0773	0773	0676	0773	0773	0676	0773	0582	0773	0773	0582	0773		0773	0472
ANIMAL ID	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584	00581	00582	00583	00584
Spinal Cord, Cervical Axon, Degeneration	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	39 12 1.0
Spinal Cord, Lumbar Axon, Degeneration Nerve, Degeneration	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	39 1 1.0 34 1.6
Spinal Cord, Thoracic Axon, Degeneration	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	39 26 1.0
RESPIRATORY SYSTEM																							
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47 1 2.0 4 3.8 1 1.0 6 2.5 1 1.0
Hemorrhage																							
Infiltration Cellular, Histiocyte		4			3						4		4										
Inflammation, Chronic					1																		
Alveolar Epithelium, Hyperplasia										3	2												
Alveolus, Infiltration Cellular, Histiocyte																							
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45 1 1.0 1 1.0 1 1.0
Crystals	1																						
Hyaline Droplet											1												
Inflammation, Suppurative																							
Trachea	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
SPECIAL SENSES SYSTEM																							
Eye	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	42 17 2.0
Cataract													2		2	2	2	2	2	1			

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 GLYCID	DAY ON TEST																				* TOTALS	
	0579	0733	0623	0659	0705	0773	0773	0773	0773	0773	0676	0773	0773	0676	0773	0575	0722	0758	0773	0773		0474
ANIMAL ID	00582	00588	00588	00591	00592	00593	00594	00595	00599	00601	00601	00601	00601	00601	00601	00601	00601	00601	00601	00601	00601	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Cornea, Inflammation, Chronic																						1	1.0	
Cornea, Inflammation, Chronic Active							2							2			1	2					7	2.3
Cornea, Ulcer																							3	3.3

Harderian Gland Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Epithelium, Hyperplasia														4									1	4.0

Zymbal's Gland Keratin Cyst			+																			1		
			X																					1

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Autolysis																								1 4.0
Degeneration																								1 4.0
Hyaline Droplet				4																				2 3.5
Hydronephrosis	4																							1 4.0
Infarct																		2						1 2.0
Infiltration Cellular, Lymphocyte	3						2								1	1		1						9 1.4
Infiltration Cellular, Polymorphonuclear																								1 4.0
Nephropathy		1		1	1	1					1		1	1		1					1			16 1.1

Urinary Bladder	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	41		
Infiltration Cellular, Lymphocyte																								1 1.0
Infiltration Cellular, Polymorphonuclear																								1 4.0
Inflammation, Suppurative	4																							1 4.0
Lumen, Dilatation																								2 3.5

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 Lab: NCTR

		DAY ON TEST																								males (cont...)	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.35 GLYCID	ANIMAL ID	0497	0728	0667	0640	0417	0548	0761	0676	0753	0558	0600	0763	0667	0733	0676	0733	0667	0733	0667	0733	0667	0733	0667	0733		
		0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0022	0022	0022	0022	0066	0066	0066	0066	0066	0066	0066	0066	0066		0066
		71	72	73	74	78	78	88	88	99	99	99	99	00	00	00	00	01	01	01	01	01	01	01	01	01	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder Infiltration Cellular, Lymphocyte	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	3	+	+	+	+	+
Intestine Large, Cecum Hyperplasia, Lymphoid	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
												2								2					1
Intestine Large, Colon	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Basophilic Focus	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																									
Infiltration Cellular, Lymphocyte																									
Inflammation, Chronic Active																					4				2
Mineralization																									1
Necrosis				4		4			2																
Tension Lipidosis																									
Vacuolization Cytoplasmic																									

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.35 GLYCID	DAY ON TEST																								ANIMAL ID	males (cont...)										
	0 4 9 7	0 7 2 8	0 6 3 7	0 6 6 0	0 4 1 3	0 1 7 1	0 5 4 8	0 7 2 1	0 6 4 6	0 7 3 3	0 5 5 2	0 5 8 1	0 6 0 0	0 7 3 3	0 6 4 5	0 7 3 3	0 6 6 0	0 7 3 3	0 6 3 9	0 7 3 3	0 7 3 3	0 7 3 3	0 7 3 3	0 7 3 3												
	0 0 1 7 1	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 1 8 1	0 0 1 8 2	0 0 1 8 3	0 0 1 8 4	0 0 1 9 1	0 0 1 9 2	0 0 1 9 3	0 0 1 9 4	0 0 2 0 1	0 0 2 0 2	0 0 2 0 3	0 0 2 0 4	0 0 6 7 1	0 0 6 7 2	0 0 6 7 3	0 0 6 8 4	0 0 6 8 1	0 0 6 8 2	0 0 6 8 3	0 0 6 8 4	0 0 6 8 1	0 0 6 8 2	0 0 6 8 3	0 0 6 8 4	0 0 6 8 1	0 0 6 8 2	0 0 6 8 3	0 0 6 8 4	0 0 6 8 1	0 0 6 8 2	0 0 6 8 3	0 0 6 8 4

Mesentery
Fat, Necrosis

Pancreas
Cyst
Infiltration Cellular, Lymphocyte
Acinus, Degeneration

Salivary Glands
Infiltration Cellular, Lymphocyte

Stomach, Forestomach
Epithelium, Hyperplasia
Serosa, Necrosis

Stomach, Glandular

Tongue

CARDIOVASCULAR SYSTEM

Blood Vessel

Heart

ENDOCRINE SYSTEM

Adrenal Cortex
Accessory Adrenal Cortical Nodule
Subcapsular, Hyperplasia

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	04	07	06	06	04	01	05	07	06	07	05	05	06	07	06	07	06	07	06	07	07	07	07	07		
	9	2	3	6	1	7	4	2	4	3	5	8	0	3	4	3	6	3	3	3	3	3	3	3	3	
	7	8	7	0	3	1	8	1	6	3	2	1	0	3	5	3	0	3	3	9	3	3	3	3	3	
	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
	77	77	77	77	88	88	88	88	99	99	99	99	00	00	00	00	00	00	00	00	00	00	00	00	00	
	12	34																								

Adrenal Medulla	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic Hyperplasia Infiltration Cellular, Lymphocyte	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
							3		2											2					
Parathyroid Gland Cyst	+	+	M	+	+	A	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	
														2											
Pituitary Gland	A	M	+	+	+	A	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	
Thyroid Gland Follicle, Degeneration	A	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	

GENERAL BODY SYSTEM

Tissue NOS

GENITAL SYSTEM

Epididymis	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland Cyst Degeneration Infiltration Cellular, Lymphocyte Inflammation, Suppurative	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
							3		4		4		2							2				4	3
											2	2								2					
Prostate	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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	0497	0728	0663	0667	0411	0574	0761	0664	0771	0552	0556	0767	0664	0771	0663	0771	0663	0669	0773	0773	0663	0773	0773	0663			0773
	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	00117711	

Seminal Vesicle Atrophy Lumen, Dilatation	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
	2																									
Testes Mineralization Seminiferous Tubule, Degeneration	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
	1																									

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
	3 2																									
Lymph Node Iliac, Hyperplasia, Lymphoid Inguinal, Hyperplasia, Lymphoid Mediastinal, Hyperplasia, Lymphoid			+		+																					
Lymph Node, Mandibular Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte Infiltration Cellular, Mast Cell Infiltration Cellular, Plasma Cell	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
	2 2 2 2 2 3 2																									
Lymph Node, Mesenteric Angiectasis Hemorrhage Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte	M	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
	3 3 3 2 1 2 2 2 3 3 1 3																									

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	0 4 9 7	0 7 2 8	0 6 3 7	0 6 6 0	0 4 1 3	0 1 7 1	0 5 4 8	0 7 2 1	0 6 4 6	0 7 3 3	0 5 5 2	0 5 8 1	0 6 0 0	0 7 3 3	0 6 4 5	0 7 3 3	0 6 6 0	0 7 3 3	0 6 3 9	0 7 3 3	0 7 3 3	0 7 3 3	0 7 3 3	0 7 3 3		
	0 0 1 7 1	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 1 7 1	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 1 7 1	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 2 9 1	0 0 2 9 2	0 0 2 9 3	0 0 2 9 4	0 0 6 0 1	0 0 6 6 2	0 0 6 6 3	0 0 6 6 4	0 0 6 6 1	0 0 6 6 2	0 0 6 6 3	0 0 6 6 4	0 0 6 6 1	

Spleen	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Depletion Lymphoid													3				2									
Hematopoietic Cell Proliferation		4					4	4		4		3		3			1									
Hyperplasia, Lymphoid				2					2					3			2	2		4	4	3		2		
Necrosis			4																							
Thymus	A	M	M	+	M	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy								4		4	2		4		2		2	4		4			4			
Hyperplasia, Lymphoid																										

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis				2																					
Inflammation, Chronic Active				2																					
Mineralization				4																					
Sebaceous Gland, Hyperplasia																									

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle Degeneration	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

NERVOUS SYSTEM

Brain, Brain Stem	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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	0497	0728	0637	0667	0413	0574	0761	0676	0733	0552	0558	0600	0733	0665	0773	0673	0773	0669	0773	0773	0773	0773	0773	0773		
	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	001171	

Brain, Cerebellum	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum Mineralization	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve, Sciatic Axon, Degeneration	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Cervical Axon, Degeneration	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Lumbar Nerve, Degeneration	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic Axon, Degeneration	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

RESPIRATORY SYSTEM

Lung Infiltration Cellular, Histiocyte Alveolar Epithelium, Hyperplasia	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nose Crystals Foreign Body Hyaline Droplet Inflammation, Suppurative	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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	0 4 9 7	0 7 2 8	0 6 3 7	0 6 6 0	0 4 1 3	0 1 7 1	0 5 4 8	0 7 2 1	0 6 4 6	0 7 3 3	0 5 5 2	0 5 8 1	0 6 0 0	0 7 3 3	0 6 4 5	0 7 3 3	0 6 6 0	0 7 3 3	0 6 3 9	0 7 3 3	0 7 3 3	0 7 3 3	0 7 3 3			
	0 0 1 7 1	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 1 8 1	0 0 1 8 2	0 0 1 8 3	0 0 1 9 4	0 0 1 9 4	0 0 1 9 3	0 0 1 9 4	0 0 1 9 4	0 0 2 0 1	0 0 2 0 2	0 0 2 0 3	0 0 2 0 4	0 0 6 0 1	0 0 6 0 2	0 0 6 0 3	0 0 6 0 4	0 0 6 0 1	0 0 6 0 2	0 0 6 0 3	0 0 6 0 4	0 0 6 0 1	

SPECIAL SENSES SYSTEM

Eye	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cataract																										
Harderian Gland	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Hyperplasia																										

URINARY SYSTEM

Kidney	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis																										
Hyaline Droplet																										
Infarct																										
Infiltration Cellular, Lymphocyte																										
Nephropathy																										
Urinary Bladder	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																										
Lumen, Dilatation																										

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		7	5	7	7	7	5	6	7	7	7	5	7	7	3	7	7	7	7	7	7	7		
		3	5	3	3	3	6	8	3	3	3	3	3	5	2	3	3	3	1	3	3	3		
		3	9	3	3	3	3	7	3	3	3	7	3	2	9	3	3	3	9	3	3	3		
		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	0	0	0	0	0		
		6	6	6	7	7	7	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0		
		9	9	9	0	0	0	9	9	9	9	0	0	0	1	1	1	1	1	1	1	1		
		2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2		
																						* TOTALS		

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Gallbladder	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Infiltration Cellular, Lymphocyte																								1 3.0
Intestine Large, Cecum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	44	
Hyperplasia, Lymphoid						2																		4 1.8
Intestine Large, Colon	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Large, Rectum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Small, Duodenum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	44	
Intestine Small, Ileum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	44	
Intestine Small, Jejunum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	44	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Basophilic Focus	X												X						X					4
Cyst																								1 2.0
Infiltration Cellular, Lymphocyte						1																		3 2.0
Inflammation, Chronic Active																				1				1 1.0
Mineralization																2								1 2.0
Necrosis																								3 3.3
Tension Lipidosis																					3			1 3.0
Vacuolization Cytoplasmic									1															1 1.0

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 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.35 GLYCID	DAY ON TEST																				* TOTALS			
	0733	0539	0733	0733	0733	0733	0563	0687	0733	0733	0733	0573	0733	0733	0352	0733	0733	0733	0733	0733				
ANIMAL ID	00692	00693	00694	00701	00702	00703	00704	00709	00709	00709	00709	00710	00711	00711	00711	00711	00711	00711	00711	00711				
Mesentery Fat, Necrosis																					+	3	1	1 3.0
Pancreas Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	1 4.0
Infiltration Cellular, Lymphocyte Acinus, Degeneration																							1	1 1.0
				1	1	1																	1	6 1.0
Salivary Glands Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	17 1.1
				1	1	1		1																17 1.1
Stomach, Forestomach Epithelium, Hyperplasia Serosa, Necrosis	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	5 2.2
				2		2																		1 3.0
Stomach, Glandular	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	44	
Tongue		+																					1	
CARDIOVASCULAR SYSTEM																								
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
ENDOCRINE SYSTEM																								
Adrenal Cortex Accessory Adrenal Cortical Nodule Subcapsular, Hyperplasia	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	2
																								2
	1	2	1	2	1	2		1	2	1	1	2		1	1	2	1	1	1	1		1	1	39 1.2

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.35 GLYCID	DAY ON TEST																				* TOTALS		
	0733	0539	0733	0733	0733	0733	0563	0687	0733	0733	0733	0573	0733	0733	0352	0733	0733	0733	0733	0733		0733	
ANIMAL ID	00692	00693	00694	00691	00692	00693	00694	00691	00692	00693	00694	00691	00692	00693	00694	00691	00692	00693	00694	00691	00692	00693	00694
Adrenal Medulla	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Islets, Pancreatic Hyperplasia Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47 2 2.5 1 2.0
Parathyroid Gland Cyst	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	42 1 2.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	42
Thyroid Gland Follicle, Degeneration	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44 2 1.0
GENERAL BODY SYSTEM																							
Tissue NOS																						+	1
GENITAL SYSTEM																							
Epididymis	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Preputial Gland Cyst Degeneration Infiltration Cellular, Lymphocyte Inflammation, Suppurative	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46 1 2.0 12 3.3 4 2.5 3 2.0
Prostate	+	+	+	+	+	+	A	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	45

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Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

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	0733	0539	0733	0733	0733	0533	0687	0733	0733	0733	0537	0733	0733	0335	0733	0733	0733	0733	0733	0733					
ANIMAL ID	00692	00693	00694	00691	00692	00693	00694	00691	00692	00693	00694	00691	00692	00693	00694	00691	00692	00693	00694	00691					
Seminal Vesicle Atrophy Lumen, Dilatation	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	45	1 3.0	1 2.0		
Testes Mineralization Seminiferous Tubule, Degeneration	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	46	1 1.0	2 1.5		
HEMATOPOIETIC SYSTEM																									
Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	5 2.4			
Lymph Node Iliac, Hyperplasia, Lymphoid Inguinal, Hyperplasia, Lymphoid Mediastinal, Hyperplasia, Lymphoid						+						+				+					6	1 1.0	2 1.5	1 3.0	
Lymph Node, Mandibular Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte Infiltration Cellular, Mast Cell Infiltration Cellular, Plasma Cell	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	45	10 2.4	1 2.0	1 2.0	3 2.0
Lymph Node, Mesenteric Angiectasis Hemorrhage Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	45	5 3.2	4 2.3	16 1.8	5 3.0

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 Species/Strain: MICE/B6C3F1/NCTR

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	0733	0733	0733	0733	0733	0733	0733	0733	0733	0733	0733	0733	0733	0733	0733	0733	0733	0733	0733	0733		0733		
ANIMAL ID	00692	00693	00694	00695	00696	00697	00698	00699	00700	00701	00702	00703	00704	00705	00706	00707	00708	00709	00710	00711	00712			
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Depletion Lymphoid																						2 2.5		
Hematopoietic Cell Proliferation		3					3			3					3	2			2	4		14 3.1		
Hyperplasia, Lymphoid	2		2	3		4			3		2		3		2	2	3	2		3	1	22 2.5		
Necrosis																						1 4.0		
Thymus	+	+	+	+	+	+	A	M	+	+	+	M	+	+	+	+	+	+	+	+	+	39		
Atrophy	2	4		2	4								2	2		4		4	4		2	3	2	21 3.1
Hyperplasia, Lymphoid						2																1 2.0		
INTEGUMENTARY SYSTEM																								
Mammary Gland	M	M	M	M	M	M	M	M	M	+	M	M	+	M	M	M	M	M	M	M	M	2		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Fibrosis																						1 2.0		
Inflammation, Chronic Active																						1 2.0		
Mineralization																						1 4.0		
Sebaceous Gland, Hyperplasia																		2				1 2.0		
MUSCULOSKELETAL SYSTEM																								
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Degeneration																		3				1 3.0		
NERVOUS SYSTEM																								
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		

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 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

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	0733	0539	0733	0733	0733	0733	0563	0687	0733	0733	0733	0573	0733	0733	0352	0723	0733	0733	0733	0733			
ANIMAL ID	00692	00693	00694	00691	00692	00693	00694	00691	00692	00693	00694	00691	00692	00693	00694	00691	00692	00693	00694	00691			
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Brain, Cerebrum Mineralization	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
	1		2	1	1	1	1		1		1			1	1			1		2	1	1	2
Peripheral Nerve, Sciatic Axon, Degeneration	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
	1		2	1	2	2			1		1			1	1			1	2	2	1	1	1
Spinal Cord, Cervical Axon, Degeneration	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	M	+	+	+	+	+	44	
					1						1			1	1			1	1	1			11
Spinal Cord, Lumbar Nerve, Degeneration	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
	2		2	1	2	1		1	1	1	1			1	1			2	2	1	1	1	1
Spinal Cord, Thoracic Axon, Degeneration	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
	1		1		1	1		1	1	1	1			1			1		1			1	1
RESPIRATORY SYSTEM																							
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Infiltration Cellular, Histiocyte																					3	1	3.0
Alveolar Epithelium, Hyperplasia																					3	3	3.3
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Crystals																					3	1	3.0
Foreign Body																						1	1
Hyaline Droplet																					2	2	1.5
Inflammation, Suppurative																					1	1	2.0
Trachea	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.35 GLYCID	DAY ON TEST																				* TOTALS
	0733	0753	0773	0773	0773	0773	0756	0768	0773	0773	0773	0757	0773	0773	0735	0773	0773	0773	0773	0773	
ANIMAL ID	00692	00663	00664	00701	00702	00703	00704	00709	00709	00709	00709	00709	00709	00709	00709	00709	00709	00709	00709	00709	00709

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	44	
Cataract	4		2																	1		4		8	2.3
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Epithelium, Hyperplasia															2									2	2.0

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis							4																	1	4.0
Hyaline Droplet							3														4			3	3.7
Infarct																								1	2.0
Infiltration Cellular, Lymphocyte			1											2	1									8	1.5
Nephropathy	1											1				1				1		1	1	12	1.1
Urinary Bladder	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Infiltration Cellular, Lymphocyte														1										3	1.0
Lumen, Dilatation																								1	3.0

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 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.175 GLYCID	DAY ON TEST																									ANIMAL ID	males (cont...)
	06	07	07	07	07	05	06	02	07	07	07	07	06	07	06	07	07	07	03	07	05	05	07	07			
	0	0	0	0	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	5	3	3	3	3	3	1	3	0	3	8	3	3	3	8	3	1	6	3	3		
	9	3	3	3	3	8	7	1	3	3	3	6	3	3	3	7	3	3	3	7	3	9	5	3	3		
	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	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	1	1	2	2	2	2	3	3	3	4	4	4	4	5	5	5	5	7	7	6	6	6			
	1	2	3	4	1	2	3	4	1	2	3	3	4	1	2	3	4	1	2	3	4	1	2	3			

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	2	2	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum Epithelium, Hyperplasia	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus			X																		X			
Hematopoietic Cell Proliferation																						1		
Infiltration Cellular, Lymphocyte																								
Mixed Cell Focus											X													
Necrosis							3																	
Vacuolization Cytoplasmic					1																			
Pancreas	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration					1						1							2						

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Glycidamide

CAS Number: 5694-00-8

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Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.175 GLYCID	DAY ON TEST																				ANIMAL ID	males (cont...)			
	0609	0733	0733	0733	0733	0558	0667	0221	0773	0773	0773	0773	0773	0666	0773	0666	0773	0773	0773	0338			0733	0551	0556
	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011

Salivary Glands Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	1			1					1	1	1	2	1		1	1			1						1

Stomach, Forestomach Cyst Epithelial Inclusion Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																				X					
				2				2																	

Stomach, Glandular	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

ENDOCRINE SYSTEM

Adrenal Cortex Accessory Adrenal Cortical Nodule Subcapsular, Hyperplasia	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	1	1	1	1	1	1	2		1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	2	1

Adrenal Medulla	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Islets, Pancreatic	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
--------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Parathyroid Gland Cyst	+	+	+	+	+	+	+	M	M	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+
---------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Pituitary Gland Pars Distalis, Cyst	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																									1

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.175 GLYCID		DAY ON TEST																								males (cont...)					
		06 09	07 03	07 03	07 03	07 03	05 08	06 07	02 01	07 03	07 03	07 03	07 03	07 03	06 03	07 03	06 08	07 03	07 03	07 03	03 08	07 03	05 01	05 06	07 03		07 03				
ANIMAL ID		00 00 00 01 01	00 00 00 01 02	00 00 00 01 03	00 00 00 02 04	00 00 00 02 01	00 00 00 02 02	00 00 00 02 03	00 00 00 03 04	00 00 00 03 01	00 00 00 03 02	00 00 00 03 03	00 00 00 04 03	00 00 00 04 04	00 00 00 04 04	00 00 00 05 01	00 00 00 05 02	00 00 00 05 03	00 00 00 05 04	00 00 00 06 01	00 00 00 06 02	00 00 00 06 03	00 00 00 06 04	00 00 00 07 01	00 00 00 07 02	00 00 00 07 03	00 00 00 07 04	00 00 00 07 01			
		Thyroid Gland	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
		Cyst																													2
		Follicle, Degeneration																													

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Exfoliated Germ Cell																												
Hypospermia				3																	3							
Inflammation, Chronic																												
Penis																												
Inflammation, Chronic Active																												
Ulcer																												
Preputial Gland	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																												2
Degeneration																												
Hyperkeratosis																												
Infiltration Cellular, Lymphocyte																												
Inflammation, Suppurative																												
Duct, Dilatation																												
Prostate	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Suppurative																												

* .. 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

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

DAY ON TEST	C57BL/6N XC3H/HEN MTV-NCTR MICE MALE																								ANIMAL ID	males (cont...)	
	0609	0733	0733	0733	0733	0558	0637	0231	0733	0733	0733	0733	0733	0733	0673	0733	0673	0733	0733	0733	0383	0733	0559	0553			0733
0.175 GLYCID	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
Seminal Vesicle Lumen, Dilatation	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes Seminiferous Tubule, Degeneration	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
HEMATOPOIETIC SYSTEM																											
Bone Marrow Hyperplasia	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node Axillary, Hyperplasia, Lymphoid																											
Lymph Node Inguinal, Hyperplasia, Lymphoid																											
Lymph Node Lumbar, Hyperplasia, Lymphoid																											
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric Angiectasis																											
Lymph Node, Mesenteric Hemorrhage																											
Lymph Node, Mesenteric Hyperplasia, Lymphoid																											
Lymph Node, Mesenteric Infiltration Cellular, Histiocyte																											
Lymph Node, Mesenteric Infiltration Cellular, Mast Cell																											
Spleen	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. 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
 2) Mild 4) Marked

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.175 GLYCID	DAY ON TEST																								ANIMAL ID	males (cont...)
	06 09	07 03 03	07 03 03	07 03 03	07 03 03	05 05 08	06 03 07	02 03 01	07 03 03	07 03 03	07 03 03	07 01 06	07 03 03	06 00 03	07 03 03	06 08 07	07 03 03	07 03 03	03 08 07	07 03 03	05 01 09	05 06 05	07 03 03	07 03 03		
	00 00 01 01	00 00 00 01	00 00 00 01	00 00 00 01	00 00 00 02	00 00 00 02	00 00 00 02	00 00 00 02	00 00 00 03	00 00 00 03	00 00 00 03	00 00 00 04	00 00 00 04	00 00 00 04	00 00 00 04	00 00 00 04	00 00 00 05	00 00 00 05	00 00 00 05	00 00 00 06	00 00 00 06	00 00 00 07	00 00 00 07	00 00 00 07		

Hematopoietic Cell Proliferation
 Hyperplasia, Lymphoid
 Inflammation, Granulomatous

2 2 4 3 3 2 2 3 4 4 3 4 4 3 2 2 3

Thymus
 Atrophy
 Hyperplasia, Lymphoid

+ + + + + + + A + + + M +

INTEGUMENTARY SYSTEM

Mammary Gland

M M

Skin
 Inflammation, Chronic Active
 Epithelium, Hyperplasia

+ + + + + + + A +

MUSCULOSKELETAL SYSTEM

Bone, Femur

+ +

Skeletal Muscle

+ + + + + + + A +

NERVOUS SYSTEM

Brain, Brain Stem

+ + + + + + + A +

Brain, Cerebellum
 Hemorrhage

+ + + + + + + A +

Brain, Cerebrum

+ + + + + + + A +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:
 X .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
 I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|------|
| | 0609 | 0733 | 0733 | 0733 | 0733 | 0558 | 0637 | 0221 | 0773 | 0773 | 0773 | 0773 | 0773 | 0676 | 0773 | 0676 | 0773 | 0773 | 0773 | 0338 | 0733 | 0559 | 0559 | 0773 | | 0773 |
| ANIMAL ID | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | |
| Mineralization | | | 1 | 1 | | | | | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 2 | 2 | | 1 | 1 | | 1 | 1 |
| Peripheral Nerve, Sciatic Axon, Degeneration | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | 2 | | 2 | | | | | | 1 | 2 | 1 | 1 | 1 | | | | 1 | | 1 | | 1 | 2 | | 1 | 1 |
| Spinal Cord, Cervical Axon, Degeneration Nerve, Degeneration | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | 1 |
| Spinal Cord, Lumbar Axon, Degeneration Nerve, Degeneration | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 2 | 2 | | 1 | | | | 1 | 1 |
| Spinal Cord, Thoracic Axon, Degeneration Nerve, Degeneration | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | 1 | | 1 | 1 | | | | 1 | 1 | | 1 | | | 1 | 1 | | | 1 | | 1 | | | | 1 | 1 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung Congestion | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | 1 | | | | | | | | | | | | 4 | | |
| | 2 | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Nose Amyloid Deposition | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Crystals Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| | | | | | | | | | | | | | 2 | | | | | | 2 | | 2 | | | | | |
| Trachea | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | |
|---|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|--------------------|----|----|----|
| | 06 | 07 | 07 | 07 | 07 | 05 | 06 | 02 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 06 | 07 | 07 | 07 | 03 | | | 07 | 05 | 05 |
| | 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 |
| | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 0 | 3 | 8 | 3 | 3 | 3 | 8 | 3 | 1 | 6 | 3 | 3 |
| | 9 | 3 | 3 | 3 | 3 | 8 | 7 | 1 | 3 | 3 | 3 | 6 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 7 | 3 | 9 | 5 | 3 | 3 |
| | 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 | 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 | 0 |
| | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | | 1 | | | | | | | | | | 1 | | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | 2 | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyaline Droplet | | | | | | 3 | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | | | | | | 1 | | 1 | | 1 | | | | 2 | 1 | | 1 | | | 1 | |
| Nephropathy | | | 1 | 2 | 1 | | | | | | | | | 1 | 1 | 1 | | | | | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | | | | | | | | | | | 1 | | | | | | | | | | | | | |

* .. 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

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.175 GLYCID | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-------------|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----------|----|
| | ANIMAL ID | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | | 20 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | |
| 1 | 6 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 2 | 2 | 2 | 2 | 3 | |
| 8 | 5 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 6 | 6 | 6 | 6 | 3 | |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | |
| 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | |
| 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Gallbladder | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | A | + | + | + | + | + | + | 2 | 2 | + | + | + | + | + | + | + | + | + | + | + | 46
4 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Duodenum | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Small, Ileum | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Small, Jejunum
Epithelium, Hyperplasia | + | A | + | + | + | + | + | + | 4 | + | + | + | + | + | + | + | + | + | + | + | + | 46
1 4.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | 2 |
| Hematopoietic Cell Proliferation | | | | | 1 | | | | | | | | | | | | | | | | | 2 1.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | 1 | | | | | | 1 1.0 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | 1 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Acinus, Degeneration | | | | | 1 | | | | | | | | | | | | | | | | | 4 1.3 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:
 X .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
 I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------------------|
| | 0618 | 0651 | 0671 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | | 0673 |
| ANIMAL ID | 00772 | 00773 | 00774 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
20 1.1 |
| Stomach, Forestomach
Cyst Epithelial Inclusion
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2
5 1.8 |
| Stomach, Glandular | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Accessory Adrenal Cortical Nodule
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
2
45 1.2 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Parathyroid Gland
Cyst | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43
1 3.0 |
| Pituitary Gland
Pars Distalis, Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
2
2 1.5 |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
6
1
8 | 0
6
5 | 0
7
0
1 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
6
0
4 | 0
7
2
6 | 0
7
2
6 | 0
7
2
6 | 0
7
3
3 | 0
7
3
3 | | 0
7
3
3 | |
| ANIMAL ID | 0
0
7
7
2 | 0
0
7
7
3 | 0
0
7
7
4 | 0
0
7
7
1 | 0
0
7
7
2 | 0
0
7
7
3 | 0
0
7
7
4 | 0
0
7
7
1 | 0
0
7
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2 | 0
0
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3 | 0
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7
4 | 0
0
7
7
1 | 0
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7
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2 | 0
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7
3 | 0
0
7
7
4 | 0
0
7
7
1 | 0
0
7
7
2 | 0
0
7
7
3 | 0
0
7
7
4 | 0
0
7
7
1 | 0
0
7
7
2 | 0
0
7
7
3 | 0
0
7
7
4 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Follicle, Degeneration | | | | | | | | | | 1 | | | | | | 1 | | | | | | | | | 2 | 1.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Exfoliated Germ Cell | | | 3 | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hypospermia | | | | 3 | | | | | | | | | | | | | | | | | | | | 3 | 3.0 |
| Inflammation, Chronic | | | 2 | | | | | | | | | | | | | | 3 | | | | | | | 2 | 2.5 |
| Penis | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Preputial Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Cyst | 2 | 4 | | 2 | | | | | | | | | | 2 | | | | | | | | | | 5 | 2.4 |
| Degeneration | | | | | | | | | | | | | | | | | | | | 4 | | | | 5 | 3.8 |
| Hyperkeratosis | | | | | | | | | | | | | 4 | | | | | | | | | | | 1 | 4.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | 3 | | | | | 2 | | | | | 2 | 2.5 |
| Duct, Dilatation | | | | | | | | | | | | | 4 | | | | | | | | | | | 1 | 4.0 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Inflammation, Suppurative | | | 3 | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| | 0618 | 0651 | 0673 | 0673 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | | 0677 |
| ANIMAL ID | 00772 | 00773 | 00774 | 00778 | 00771 | 00772 | 00773 | 00774 | 00771 | 00772 | 00773 | 00774 | 00771 | 00772 | 00773 | 00774 | 00771 | 00772 | 00773 | 00774 | 00771 | |
| Seminal Vesicle
Lumen, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | | 2 | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Testes
Seminiferous Tubule, Degeneration | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| | | | 4 | | | | | | | | | | | | | | | | | | | 3 3.3 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | | | | | | | | | | | | | | 3 | 4 | | | | | 3 | | 5 2.8 |
| Lymph Node
Axillary, Hyperplasia, Lymphoid
Inguinal, Hyperplasia, Lymphoid
Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid
Infiltration Cellular, Mast Cell
Infiltration Cellular, Plasma Cell
Pigmentation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | | | | | | | | 1 | | | | | | | | | | | | 2 | | 5 1.8 |
| | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Lymph Node, Mesenteric
Angiectasis
Hemorrhage
Hyperplasia, Lymphoid
Infiltration Cellular, Histiocyte
Infiltration Cellular, Mast Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | 4 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | 21 2.3 |
| | | | | | | | | | | | | | | | | | | | | | | 3 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |

* .. 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

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|---|--------|
| | 0618 | 0651 | 0673 | 0673 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | | 0677 | | |
| ANIMAL ID | 00772 | 00773 | 00774 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | | | |
| Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid
Inflammation, Granulomatous | 2 | | | | | | | | | | | | | 3 | 4 | 3 | | | 2 | 3 | | 12 3.3 | | |
| | | | 3 | 2 | | 2 | | 3 | 2 | 2 | | | | 2 | | | 3 | 2 | 2 | 3 | | 22 2.4 | | |
| | 4 | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Thymus
Atrophy
Hyperplasia, Lymphoid | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | 43 |
| | 4 | 3 | | | | | | | | | | | | 4 | 4 | | | 3 | 3 | 4 | | 3 | | 17 3.2 |
| | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 2.0 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 |
| Skin
Inflammation, Chronic Active
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Brain, Cerebellum
Hemorrhage | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Brain, Cerebrum | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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Experiment Number: 20314 - 04
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
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 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|--------|-----------------|
| | 0618 | 0651 | 0673 | 0673 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | | 0677 | | |
| ANIMAL ID | 00772 | 00773 | 00774 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | 00778 | | | |
| Mineralization | 1 | | 1 | 1 | 1 | 1 | | 2 | 1 | | | 1 | 1 | 2 | 1 | 1 | | | 1 | 1 | 1 | 2 | 32 1.2 | |
| Peripheral Nerve, Sciatic Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| | | 2 | | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 2 | | 1 | 2 | 1 | 30 1.3 |
| Spinal Cord, Cervical Axon, Degeneration Nerve, Degeneration | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| | | | | | | | | | | | | | | | | | | | 1 | | | | | 3 1.0
1 1.0 |
| Spinal Cord, Lumbar Axon, Degeneration Nerve, Degeneration | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| | | | | | | 1 | | | | | | | | | 1 | | 1 | | | | 1 | | | 4 1.0
37 1.2 |
| Spinal Cord, Thoracic Axon, Degeneration Nerve, Degeneration | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| | | | 1 | | 1 | 1 | | 1 | 1 | 1 | | | 1 | 1 | | 1 | 1 | 1 | | | 1 | 1 | | 23 1.0
1 1.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 2 | | | | 3 | 4 2.3 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Crystals | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Hyaline Droplet | 2 | | | | | | | | 2 | | 1 | | | | 1 | 2 | 1 | 1 | 2 | | | | 11 1.6 |
| Trachea | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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Experiment Number: 20314 - 04
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | |
|--------------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|-----------------|------|
| | 0618 | 0651 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | | | 0703 |
| 0.175 GLYCID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0077 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0077 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7778 | |
| | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 2341 | |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Eye | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Cataract | | | | | | | 2 | | | | | 3 | | | | 3 | 2 | | | 3 | | | 7 2.1 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | 4 | | | 1 | | | 2 2.5 |
| Cornea, Ulcer | | | | | | | | | | | | | | | | | 4 | | | | | | 1 4.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | 1 | | | 1 1.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | 3 | | | | | | | | | 2 2.5 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|---------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Infiltration Cellular, Lymphocyte | 1 | | | | 1 | | 1 | 2 | 1 | 1 | | | | | 1 | 1 | 1 | | | 1 | | | 19 1.1 | |
| Nephropathy | | | 1 | 1 | | 1 | | | | | | | 4 | | | | | | 1 | | 1 | 1 | | 14 1.3 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | 1 | | | | | | | | | | | 1 | | | 3 1.0 | |
| Lumen, Dilatation | | 4 | | | 4 | | | | | | | | | | 4 | | | | | | | | 3 4.0 | |

* .. 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

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|--------------------|
| | 0733 | 0733 | 0733 | 0673 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0679 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0673 | 0773 | | |
| | 00281 | 00282 | 00283 | 00284 | 00285 | 00286 | 00287 | 00288 | 00289 | 00290 | 00291 | 00292 | 00293 | 00294 | 00295 | 00296 | 00297 | 00298 | 00299 | 00300 | 00301 | 00302 | 00303 | 00304 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Gallbladder | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 2 | + | + | + | A | + | + | 2 | + | A | + | | |
| Intestine Large, Colon | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | | |
| Intestine Large, Rectum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | | |
| Intestine Small, Duodenum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | | |
| Intestine Small, Ileum
Hyperplasia, Lymphoid | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 2 | + | A | + | | |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 2 | + | + | + | + | A | + | + | + | A | + | | |
| Liver
Hematopoietic Cell Proliferation
Infiltration Cellular, Lymphocyte
Inflammation, Suppurative
Inflammation, Chronic Active
Necrosis
Tension Lipidosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

Mesentery

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
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 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|--------------------|
| | 0733 | 0733 | 0733 | 0673 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0679 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0673 | 0773 | | |
| | 00281 | 00082 | 00083 | 00084 | 00091 | 00092 | 00093 | 00094 | 00091 | 00092 | 00093 | 00094 | 00091 | 00092 | 00093 | 00094 | 00091 | 00092 | 00093 | 00094 | 00091 | 00092 | 00093 | 00094 | | |

Hemorrhage

Oral Mucosa

Pancreas

Infiltration Cellular, Lymphocyte
Acinus, Degeneration

Salivary Glands

Infiltration Cellular, Lymphocyte

Stomach, Forestomach

Ulcer
Epithelium, Hyperplasia

Stomach, Glandular

Epithelium, Hyperplasia

CARDIOVASCULAR SYSTEM

Blood Vessel

Heart

ENDOCRINE SYSTEM

Adrenal Cortex

Accessory Adrenal Cortical Nodule
Subcapsular, Hyperplasia

* .. 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: 20314 - 04
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 Glycidamide
 CAS Number: 5694-00-8

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| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | A | + |
| Islets, Pancreatic Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Thyroid Gland Follicle, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis Infiltration Cellular, Lymphocyte Inflammation, Chronic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Preputial Gland Cyst Degeneration Hyperkeratosis Inflammation, Suppurative Inflammation, Chronic Active | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | 2 | | 3 | | | | | 3 | | | 3 | | | | 4 | | | | | | 2 | | |
| | | | | | | | | | | | | 2 | | | | | | | | 4 | 2 | | | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
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 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|------|
| | 0733 | 0733 | 0733 | 0673 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0679 | 0773 | 0773 | 0773 | 0773 | 0773 | | | 0673 |
| | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 8 | 8 | 8 | 9 | 9 | 9 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | |
| Seminal Vesicle Lumen, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | 2 | + | + | + | + | + | + | A | |
| Lymph Node Axillary, Hyperplasia, Lymphoid | | | | | | | | | + | | | | | | + | + | + | | | | | | |
| Lymph Node, Mandibular Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | |
| Lymph Node, Mesenteric Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | |
| Hemorrhage | | | | | | | | | | 2 | 2 | 2 | 2 | | 2 | | 2 | 2 | 3 | | 2 | | |
| Hyperplasia, Lymphoid | 2 | | | | 4 | | 1 | 2 | | | 2 | | | | | | | | 2 | | | 2 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | 3 | | | | 3 | | | | 4 | | | | |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Sinus, Dilatation | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Spleen Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | |
| Hyperplasia, Lymphoid | 2 | 2 | | | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | | | 4 | | 2 | 4 | | 3 | 3 | 2 | |
| Thymus | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | |

* .. 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
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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| ANIMAL ID | 0
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1 |
| Atrophy | | | | | | 2 | | 2 | 2 | 3 | 2 | | | | 3 | 3 | 4 | | | 3 | 2 | | 3 | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | + | M | M | M | M | M |
| Skin
Fibrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Brain, Cerebrum
Cyst
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Peripheral Nerve, Sciatic
Axon, Degeneration | 2 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | 2 | 1 | 1 | 1 | | 1 | | 2 | 1 | | | | |
| Spinal Cord, Cervical
Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 2 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | 1 | 1 | | | | | | | | | | | | 1 | | A | + | + | + | + | A | + |

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 + .. Tissue examined microscopically
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 Glycidamide
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| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|--------------------|
| | 0733 | 0733 | 0733 | 0673 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0679 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0673 | 0773 | | |
| | 00281 | 00282 | 00283 | 00284 | 00281 | 00282 | 00283 | 00284 | 00281 | 00282 | 00283 | 00284 | 00281 | 00282 | 00283 | 00284 | 00281 | 00282 | 00283 | 00284 | 00281 | 00282 | 00283 | 00284 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Spinal Cord, Lumbar
Axon, Degeneration
Nerve, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + |
| | | 1 | | | | | | | | | 1 | | | 1 | | | | | | 1 | | | | 1 |
| | | 1 | 2 | | | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 1 | | 2 | 2 | | 2 | 2 | 2 | 2 | | 2 |
| Spinal Cord, Thoracic
Axon, Degeneration
Nerve, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + |
| | | 1 | | | 1 | 1 | | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | 1 | 1 | | 1 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung
Infiltration Cellular, Histiocyte
Alveolar Epithelium, Hyperplasia | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose
Hyaline Droplet
Inflammation, Suppurative | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye
Cataract | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |

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
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|--------------------|--|
| | 0733 | 0733 | 0733 | 0673 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0679 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0677 | 0773 | | | |
| | 00281 | 00282 | 00283 | 00284 | 00285 | 00286 | 00287 | 00288 | 00289 | 00290 | 00291 | 00292 | 00293 | 00294 | 00295 | 00296 | 00297 | 00298 | 00299 | 00300 | 00301 | 00302 | 00303 | 00304 | | | |
| Kidney
Infiltration Cellular, Lymphocyte
Nephropathy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | | |
| | 1 | | | | 1 | | 1 | 1 | 1 | 1 | 1 | | | | 1 | | | | | | | 1 | 1 | | | | |
| Urinary Bladder
Infiltration Cellular, Lymphocyte
Lumen, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | | | |
| | | | | | | | | | | | | | | 4 | | | | | | | | | 1 | 1 | | | |

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

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Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
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 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 GLYCID | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 2 | 2 | 2 | 2 | 4 | |
| | | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 0 | |
| | | 3 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 3 | 3 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | |
| | | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 2 | 3 | 4 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
3 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Ileum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
1 2.0 |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
1 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | 4 | | | | | | | | | 1 4.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | 1 | | | 3 1.3 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | 3 3.0 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | 1 |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
3
3 | 0
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3 | 0
5
2
6 | 0
7
3
3 | 0
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7
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3 | | 0
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| ANIMAL ID | 0
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5
1 | 0
1
2
6
6 | 0
1
2
6
2 | 0
1
2
6
3 | 0
1
2
6
4 |
| Hemorrhage | 4 | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | 1 | |
| Pancreas | + | | | | | | | | | | | | | | | | | | | | 46 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | 3 1.3 | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Salivary Glands | + | | | | | | | | | | | | | | | | | | | | 47 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | 22 1.3 | |
| Stomach, Forestomach | + | | | | | | | | | | | | | | | | | | | | 45 | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | 45 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | | | | | | | | | | | | | | | | | | | | 48 | |
| Heart | + | | | | | | | | | | | | | | | | | | | | 48 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | 47 | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | 1 | |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | 38 1.3 | |

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 Glycidamide
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 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| | 0
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| ANIMAL ID | 0
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4 | 0
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4 | 0
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4 | 0
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2
2
4 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
2 2.0 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Pituitary Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | 44 |
| Thyroid Gland
Follicle, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
4 1.3 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Epididymis
Infiltration Cellular, Lymphocyte
Inflammation, Chronic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
1 2.0
1 2.0 |
| Preputial Gland
Cyst
Degeneration
Hyperkeratosis
Inflammation, Suppurative
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
2 1.5
10 2.9
1 3.0
5 2.4
1 1.0 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 I .. Insufficient tissue
 M .. Missing tissue
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 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|------|
| | 0715 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | | 0713 | 0713 |
| ANIMAL ID | 00832 | 00833 | 00834 | 00841 | 00842 | 00843 | 00844 | 00851 | 00852 | 00853 | 00854 | 00891 | 00892 | 00893 | 00894 | 00895 | 00896 | 00897 | 00898 | 00899 | 00899 | 00899 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Gallbladder | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
1 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
1 3.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Hematopoietic Cell Proliferation
Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 2 2.0
2 1.0 |
| Inflammation, Chronic Active | 1 | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Vacuolization Cytoplasmic | 1 | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Mesentery | | | + | | | | | | | | | | | | | | | | | | | | 2 |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

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 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|-----|
| | 07
15 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 06
19 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | | 07
13 | | |
| ANIMAL ID | 00832 | 00833 | 00834 | 00841 | 00842 | 00843 | 00844 | 00851 | 00852 | 00853 | 00854 | 00891 | 00892 | 00893 | 00894 | 00895 | 00896 | 00897 | 00898 | 00899 | 00902 | 00903 | 00904 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Lymphocyte | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 7 |
| Acinus, Degeneration | | 1 | | | | | | | 2 | | | | | | | | | | | | | | | 4 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| Mean | | | | | | | | | | | | | | | | | | | | | | | | 1.5 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Lymphocyte | | 1 | | 2 | 2 | | | | | 1 | 2 | | | | | 2 | 1 | | | | | 2 | 2 | 26 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | | 1.4 |
| Mean | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | 2 | | | 2 | | | | | 5 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | | 1.6 |
| Mean | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Subcapsular, Hyperplasia | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | | | 1 | 1 | 43 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | | 1.3 |
| Mean | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hyperplasia | | | 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | | 3.0 |
| Mean | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Mean | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | 43 | |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|
| | 07
15 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 06
19 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | |
| ANIMAL ID | 00832 | 00833 | 00834 | 00841 | 00842 | 00843 | 00844 | 00851 | 00852 | 00853 | 00854 | 00891 | 00892 | 00893 | 00894 | 00895 | 00896 | 00899 | 00899 | 00899 | 00899 |
| Cyst | | | | | | | | | | 2 | | | | | | | | | | 2 | 2 2.0 |
| Pituitary Gland
Pars Distalis, Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
1 2.0 |
| Thyroid Gland
Infiltration Cellular, Lymphocyte
Follicle, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
1 1.0
2 1.5 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Epididymis
Hypospermia
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
2 2.0
1 1.0 |
| Preputial Gland
Cyst
Degeneration
Hyperkeratosis
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
3 2.3
4 2.8
1 2.0
3 1.0
1 1.0 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-------------|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| ANIMAL ID | CONTROL WATER | | | | | | | | | | | | | | | | | | | | * TOTALS | |
| | 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 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | |
| 2 | 3 | 4 | 1 | 2 | 3 | 4 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | |

Seminiferous Tubule, Degeneration 2 2 2 2.0

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|-----|
| Bone Marrow Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 3 | 2.0 | |
| Lymph Node Lumbar, Hyperplasia, Lymphoid | + | + | | | | | | | | | | | | | | | | | | + | | 4 | 1 | 4.0 | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | 4 | | 1 | 4.0 | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | |
| Lymph Node, Mandibular Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 7 | 2.0 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 | |
| Lymph Node, Mesenteric Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 9 | 2.4 | |
| Hemorrhage | | 3 | | | 3 | | | | | | 3 | | 2 | | | | 2 | | 2 | | | 5 | 2.2 | | |
| Hyperplasia, Lymphoid | | | | 2 | 2 | 2 | | 2 | 2 | 2 | | 2 | 3 | | 3 | 3 | 1 | 4 | | | 2 | 2 | 25 | 2.1 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | 2 | | | | | | 3 | 3 | | 5 | 2.8 | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Spleen Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 6 | 3.7 | |
| Hyperplasia, Lymphoid | | | 3 | 3 | 4 | 3 | | 3 | | 3 | 2 | | 2 | 2 | 3 | 3 | 4 | 2 | 4 | 3 | 4 | 34 | 2.7 | | |
| Thymus Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | 43 | 28 | 2.7 |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| | 0715 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | | 0713 | 0713 |
| ANIMAL ID | 00832 | 00833 | 00834 | 00841 | 00842 | 00843 | 00844 | 00851 | 00852 | 00853 | 00854 | 00861 | 00862 | 00863 | 00864 | 00871 | 00872 | 00873 | 00874 | 00881 | 00882 | 00883 | 00884 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Mammary Gland | + | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | + | 3 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Mineralization | 1 | 2 | 1 | | | | 2 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | | 1 | 33 1.2 | |
| Meninges, Arteritis | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 1.0 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Axon, Degeneration | | 1 | | | 1 | 1 | 1 | 1 | | | 1 | 1 | 2 | | 1 | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 36 1.1 |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Axon, Degeneration | | | | | | | | | | | | | 1 | 1 | | | | | | | 1 | 1 | | 8 1.0 |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
| | 07
15 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 06
94 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | | |
| ANIMAL ID | 00832 | 00833 | 00834 | 00841 | 00842 | 00843 | 00844 | 00845 | 00846 | 00847 | 00848 | 00849 | 00850 | 00851 | 00852 | 00853 | 00854 | 00855 | 00856 | 00857 | 00858 | |
| Axon, Degeneration | | | | | 1 | | | | | 1 | | | | | | | | | | | 1 | 9 1.0 |
| Nerve, Degeneration | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 39 1.2 |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Axon, Degeneration | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 37 1.0 |
| Nerve, Degeneration | | | | | | | | | | | | | | | | 1 | | | | | | 1 1.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Hyaline Droplet | 1 | 2 | 3 | | | | | 2 | 2 | 1 | 1 | | | | | | 2 | 2 | | | | 13 1.8 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Cataract | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | 1 | | | | | | | | | 4 1.3 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Cyst | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Hydronephrosis | | | 2 | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infarct | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | 1 | | 1 | 2 | | | | | | 1 | 1 | 1 | | | 1 | | | 2 | 1 | | 20 1.5 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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 2) Mild 4) Marked

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | 07
15 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 06
19 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | 07
13 | | 07
13 |
| ANIMAL ID | 00832 | 00833 | 00834 | 00841 | 00842 | 00843 | 00844 | 00845 | 00851 | 00852 | 00853 | 00854 | 00855 | 00856 | 00857 | 00858 | 00859 | 00860 | 00861 | 00862 | 00863 | 00864 |
| Inflammation, Chronic Nephropathy | 1 | | 3 | | | 1 | | | 1 | | 1 | | | | | | | 1 | 1 | | | |
| Urinary Bladder Infiltration Cellular, Lymphocyte Lumen, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | 1 | | | | | | | | | | | | | | 4 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | 47 |
| | | | | | | | | | | | | | | | | | | | | | | 7 |
| | | | | | | | | | | | | | | | | | | | | | | 3 |
| | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | 3.7 |

*** END OF MALE DATA ***

* .. 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

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
| | 0
2
7
6 | 0
7
3
3 | 0
5
5
5 | 0
6
9
1 | 0
5
4
8 | 0
6
1
4 | 0
6
1
4 | 0
3
3
1 | 0
6
3
0 | 0
5
4
1 | 0
6
5
2 | 0
6
4
4 | 0
5
6
7 | 0
6
9
3 | 0
5
3
2 | 0
7
6
3 | 0
5
4
7 | 0
5
5
8 | 0
5
2
7 | 0
2
8
2 | 0
7
3
3 | 0
6
5
3 | 0
5
6
2 | 0
7
3
3 | | |
| | 0
0
0
5
1 | 0
0
0
5
2 | 0
0
0
5
3 | 0
0
0
6
4 | 0
0
0
6
1 | 0
0
0
6
2 | 0
0
0
6
3 | 0
0
0
7
4 | 0
0
0
7
1 | 0
0
0
7
2 | 0
0
0
7
3 | 0
0
0
7
4 | 0
0
0
8
1 | 0
0
0
8
2 | 0
0
0
8
3 | 0
0
0
8
4 | 0
0
5
2
1 | 0
0
5
2
2 | 0
0
5
2
3 | 0
0
5
2
4 | 0
0
5
3
1 | 0
0
5
3
2 | 0
0
5
3
3 | 0
0
5
3
4 | 0
0
5
4
1 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Gallbladder | A | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | A | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | A | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | A | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum
Hyperplasia, Lymphoid | A | + | + | + | + | + | 3 | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | A | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | A | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Liver | A | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | X | | | | | | | | | | | | | | | | | X | 3 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Eosinophilic Focus, Multiple | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Hematopoietic Cell Proliferation | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | 4 |
| Infiltration Cellular, Lymphocyte | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| Necrosis | | | | | | | | | | | | | | 3 | | | | | | | | | | 3 | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 |

* .. 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

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Medulla | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland
Cyst
Hyperplasia | A | + | M | + | M | + | + | A | + | M | + | + | + | + | + | + | A | + | + | + | + | + | + | M | + | |
| Pituitary Gland
Pars Distalis, Hyperplasia | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
| Thyroid Gland
Ectopic Thymus
Follicle, Degeneration | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
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GENERAL BODY SYSTEM

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|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland
Degeneration
Inflammation, Chronic Active | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
| | | 4 | 4 | 4 | | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 3 | 4 | 3 | 4 | | 4 | 4 | 4 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary
Angiectasis
Atrophy
Cyst
Hematocyst | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
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| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
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Lymph Node, Mandibular
 Erythrophagocytosis
 Infiltration Cellular, Plasma Cell
 Infiltration Cellular, Polymorphonuclear
 Sinus, Dilatation

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| | | | | | | | | | | | | 3 | | | | | | | | | | | | | |

Lymph Node, Mesenteric
 Hemorrhage
 Hyperplasia, Lymphoid
 Thrombosis

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| A | + | + | + | + | + | + | A | + | + | M | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | |
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Spleen
 Depletion Lymphoid
 Hematopoietic Cell Proliferation
 Hyperplasia, Lymphoid

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|--|--|---|
| A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | | | | | | | |
| | | | 2 | 4 | | | 4 | 3 | | | 3 | | | 4 | 4 | | | 4 | 4 | | | 3 | | | 2 | | | 4 | 4 | | | 4 |
| | | | 3 | | | 2 | | | 3 | | | | | | | | | | | | | | | | | 2 | | | 3 | | | |

Thymus
 Atrophy
 Hyperplasia, Lymphoid

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | M | + | M | + | + | + | A | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + |
| | | | | | | | | | | 4 | 4 | | | 3 | | | 2 | | | 4 | 3 | | | 3 | |

INTEGUMENTARY SYSTEM

Mammary Gland
 Skin

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

Bone

* .. 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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(cont...) |
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|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur
Callus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle
Atrophy | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | A | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Brain, Cerebellum
Hemorrhage
Infiltration Cellular, Lymphocyte | A | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebrum
Hemorrhage
Infarct, Focal, Chronic
Mineralization | A | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| | | | 1 | | 1 | | | | 1 | 1 | 1 | | | 1 | 1 | | | | | 1 | | | 1 | |
| Peripheral Nerve, Sciatic
Axon, Degeneration | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| | | 1 | 1 | 1 | | 1 | | 1 | | 2 | 1 | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Spinal Cord, Cervical
Axon, Degeneration
Nerve, Degeneration | A | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| | | | | | | 1 | | 1 | | | 1 | | | | | | | | | | 1 | 1 | | 1 |
| Spinal Cord, Lumbar
Infiltration Cellular, Lymphocyte
Axon, Degeneration | A | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 |

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(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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Nerve, Degeneration

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Spinal Cord, Thoracic
Axon, Degeneration

A + + + + + + A + + A + + + + + A + + + + + +
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RESPIRATORY SYSTEM

Lung
Hemorrhage
Infiltration Cellular, Histiocyte
Infiltration Cellular, Lymphocyte
Alveolar Epithelium, Hyperplasia

A + + + + + + A + + + + + + + + A + + + + + + +
 2 3
 3 1 3

Nose
Crystals
Inflammation, Suppurative

A + + + + + + A + + + + + + + + + + + + + + + +

Trachea

A + + + + + + A + + + + + + + + + + A + + + + + + +

SPECIAL SENSES SYSTEM

Eye
Cataract
Phthisis Bulbi
Cornea, Fibrosis
Cornea, Inflammation, Chronic Active
Cornea, Ulcer

A + + + + + + A + + A + + + + + A + + + + + + +
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 X 2 4 3

Harderian Gland

A + + + + + + A + + + + + + + + + + + + + + +

* .. 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

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
| | 0
2
7
6 | 0
7
3
3 | 0
5
5
5 | 0
6
9
1 | 0
5
4
8 | 0
6
1
4 | 0
6
1
4 | 0
3
3
1 | 0
6
3
0 | 0
5
4
1 | 0
6
5
2 | 0
6
4
4 | 0
5
9
3 | 0
6
3
2 | 0
5
6
3 | 0
7
3
3 | 0
5
4
7 | 0
5
5
8 | 0
5
2
7 | 0
2
8
2 | 0
7
3
3 | 0
6
5
3 | 0
5
6
2 | 0
5
7
3 | | |
| | 0
0
0
5
1 | 0
0
0
5
2 | 0
0
0
5
3 | 0
0
0
6
4 | 0
0
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1 | 0
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2 | 0
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3 | 0
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7
4 | 0
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7
1 | 0
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2 | 0
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3 | 0
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7
4 | 0
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8
1 | 0
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8
2 | 0
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8
3 | 0
0
0
8
4 | 0
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2
1 | 0
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2
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2
3 | 0
0
0
2
4 | 0
0
0
3
1 | 0
0
0
3
2 | 0
0
0
3
3 | 0
0
0
3
4 | 0
0
0
3
1 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | A | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | 2 | 1 | | | | 2 | | | | | | | | | | | | | | | | | | 1 | 2 | |
| Nephropathy | | | | | | | | | | | | | | | 1 | 2 | | | | | | | | | 3 | 1 | |
| Urinary Bladder | A | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | 1 | | 1 | 1 | | 2 | | 1 | | | | | | 1 | 1 | | | | | | | | | 1 | 1 | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0659 | 0658 | 0657 | 0656 | 0655 | 0654 | 0653 | 0652 | 0651 | 0650 | 0649 | 0648 | 0647 | 0646 | 0645 | 0644 | 0643 | 0642 | 0641 | 0640 | |
| ANIMAL ID | 00542 | 00553 | 00554 | 00555 | 00556 | 00557 | 00558 | 00559 | 00560 | 00561 | 00562 | 00563 | 00564 | 00565 | 00566 | 00567 | 00568 | 00569 | 00570 | 00571 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | |
| Gallbladder | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | M | A | + | + | + | + | 41 | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | 42 | 1 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 43 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 43 | |
| Intestine Small, Duodenum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | 42 | 1 3.0 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | 42 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | 42 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 43 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | 4 | 5 2.4 |
| Basophilic Focus | | | | | | X | | | | | X | | | | | | | | | | | | | | 4 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Eosinophilic Focus, Multiple | | | | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 1 | 6 1.8 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | 5 2.2 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

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0.70 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|---|-------------------------------|----|
| | 0659 | 0658 | 0657 | 0656 | 0655 | 0654 | 0653 | 0652 | 0651 | 0650 | 0649 | 0648 | 0647 | 0646 | 0645 | 0644 | 0643 | 0642 | 0641 | 0640 | | | | |
| ANIMAL ID | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 0070 | 0071 | 0072 | 0073 | | | | |
| Vacuolization Cytoplasmic Centrilobular, Degeneration | | | | 2 | | | | 3 | | | | 1 | | | | | | | | | 3 2.0
1 3.0 | | | |
| Pancreas Infiltration Cellular, Lymphocyte Necrosis Acinus, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 44
3 1.0
2 4.0
2 1.5 | |
| Salivary Glands Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 44
8 1.4 | |
| Stomach, Forestomach Ulcer Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44
1 2.0
5 2.4 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 43 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Heart Cardiomyopathy Pericardium, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
1 1.0
1 2.0 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex Cyst Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 44
1 4.0
43 2.2 | |

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MICE FEMALE
0.70 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|---|--------|----|
| | 0659 | 0668 | 0657 | 0653 | 0673 | 0654 | 0676 | 0644 | 0644 | 0666 | 0655 | 0655 | 0677 | 0633 | 0666 | 0633 | 0644 | 0644 | 0666 | 0667 | | 0674 | | | |
| ANIMAL ID | 00542 | 00554 | 00555 | 00555 | 00555 | 00555 | 00557 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 43 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 43 | |
| Parathyroid Gland
Cyst
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | 39 | |
| Pituitary Gland
Pars Distalis, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | M | + | + | + | 43 | |
| | | | | | | | 1 | | | | | | 2 | | 2 | | | | | | | | | 3 1.7 | |
| Thyroid Gland
Ectopic Thymus
Follicle, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 44 | |
| | | | | | | | | | | | | | | 2 | | | | | | | | | | 1 2.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland
Degeneration
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | M | + | M | + | + | 41 |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | | 4 | | | 4 | | 4 | 3 | 36 3.9 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Ovary
Angiectasis
Atrophy
Cyst
Hematocyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 44 | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 3 | | | 3 | 4 | 2 | 4 | | | | | 4 | 4 | | 31 3.4 | |
| | 4 | 4 | | | 1 | | 3 | 4 | | | | | | | | | | | 3 | | | | | 15 2.9 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |

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|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|--------|------|
| | 0659 | 0658 | 0657 | 0653 | 0653 | 0654 | 0653 | 0655 | 0658 | 0658 | 0657 | 0656 | 0655 | 0657 | 0653 | 0654 | 0657 | 0654 | 0658 | 0657 | | 0659 | 0653 | 0651 | 0653 | 0654 |
| ANIMAL ID | 00542 | 00534 | 00544 | 00555 | 00555 | 00555 | 00555 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00599 | 00599 | 00599 | 00599 | 00599 | 00599 | 00599 | 00599 | 00599 | |
| Bone, Femur Callus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Skeletal Muscle Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Brain, Cerebellum Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Brain, Cerebellum Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Brain, Cerebrum Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Brain, Cerebrum Infarct, Focal, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Brain, Cerebrum Mineralization | 1 | | | | 1 | 1 | 1 | 1 | | | 1 | | 1 | 1 | | 1 | | | | | 1 | 1 | 1 | | 1 1.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 22 1.0 | |
| Peripheral Nerve, Sciatic Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 44 | |
| | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | 2 | | | 1 | | 2 | 1 | | 28 1.1 | |
| Spinal Cord, Cervical Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 43 | |
| Spinal Cord, Cervical Nerve, Degeneration | | | | | 1 | | 1 | | | | 1 | | | | | | | | | | | 1 | | | 10 1.0 | |
| | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Spinal Cord, Lumbar Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 43 | |
| Spinal Cord, Lumbar Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| | | 1 | | | | | | | | | | | | | | 1 | | | | | | | | | 4 1.0 | |

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| | 0659 | 0658 | 0657 | 0656 | 0655 | 0654 | 0653 | 0652 | 0651 | 0650 | 0649 | 0648 | 0647 | 0646 | 0645 | 0644 | 0643 | 0642 | 0641 | 0640 | | | | | |
| ANIMAL ID | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 0070 | 0071 | 0072 | 0073 | | | | | |
| Nerve, Degeneration | 1 | 1 | 1 | | 2 | 1 | 2 | 1 | | | 1 | | | 1 | | 1 | | | 2 | 1 | 1 | 24 | 1.3 | | |
| Spinal Cord, Thoracic
Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 43 | |
| | 1 | 1 | 1 | 1 | 1 | | | | | | 1 | | | 1 | | | | | | 1 | 1 | | | 23 | 1.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 44 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 45 | |
| Crystals | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Trachea | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 43 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 43 | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | 9 1.6 |
| Phthisis Bulbi | X | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Cornea, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 5 2.2 |
| Cornea, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |

* .. 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

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|
| | 0659 | 0668 | 0657 | 0654 | 0673 | 0655 | 0677 | 0666 | 0644 | 0644 | 0665 | 0655 | 0677 | 0633 | 0666 | 0636 | 0633 | 0644 | 0644 | 0666 | | 0677 |
| ANIMAL ID | 00542 | 00543 | 00544 | 00541 | 00545 | 00542 | 00543 | 00544 | 00541 | 00542 | 00543 | 00544 | 00541 | 00542 | 00543 | 00544 | 00541 | 00542 | 00543 | 00544 | 00541 | 00542 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 43 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hyaline Droplet | | | | | | | | 2 | | | | | | | | | | | 3 | | | | | 3 2.7 |
| Hydronephrosis | | | | | | | | | 4 | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | 2 | | 1 | | | 1 | 4 | | | | | | | 1 | 1 | | | 13 1.5 |
| Nephropathy | | | | | | | | | | | 1 | | | | | | | | | | | | | 5 1.6 |
| Urinary Bladder | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 42 |
| Infiltration Cellular, Lymphocyte | | 1 | 1 | | | | | 1 | | | 1 | | | 2 | 1 | 1 | | | | | | 1 | | 18 1.1 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | 3 | | | | | | | | 1 3.0 |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|
| | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0664 | 0664 | 0733 | 0667 | 0543 | 0733 | 0733 | 0733 | 0733 | 0733 | 0573 | 0733 | 0733 | | | |
| | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Pituitary Gland
Pars Distalis, Hyperplasia | + | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Thyroid Gland
Ectopic Thymus
Inflammation, Chronic Active
Follicle, Degeneration | + | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|
| Clitoral Gland
Degeneration | + | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Ovary
Angiectasis
Atrophy
Cyst
Hemorrhage
Thrombosis
Bilateral, Cyst | + | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Uterus
Angiectasis
Hemorrhage | + | | | | | | | | | | | | | | | | | | | | | | | | 3 | |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
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3 | 0
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9 | | |
| ANIMAL ID | 0
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4 | 0
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2 | 0
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3 | 0
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4 | 0
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1 | 0
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3 | 0
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4 | 0
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7
1 | 0
0
2
7
2 | 0
0
2
7
3 | 0
0
2
7
4 | |
| Spinal Cord, Cervical
Infiltration Cellular, Lymphocyte
Axon, Degeneration | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | 1 | 1 | | | 1 | | | | 1 | | 1 | 1 | | | | | | 1 | | | | |
| Spinal Cord, Lumbar
Infiltration Cellular, Lymphocyte
Axon, Degeneration
Nerve, Degeneration | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 1 | 1 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | 1 | 1 | 1 | | | | | 1 | | |
| | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | | 1 | 2 | 2 | 2 | | 1 | 2 | 2 | 2 | 2 | 1 | 2 | | 1 | | |
| Spinal Cord, Thoracic
Infiltration Cellular, Lymphocyte
Axon, Degeneration
Nerve, Degeneration | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | | | 1 | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Infiltration Cellular, Histiocyte
Infiltration Cellular, Lymphocyte
Alveolar Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | 1 | | 2 | | | 3 | | | | 2 | | | | | | | | | | | | | |
| Nose
Hyaline Droplet | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Trachea
Atrophy | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. 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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 2) Mild 4) Marked

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|-----------------------|-----------------------|-----------------------|
| | 0
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3 | 0
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6 | 0
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| ANIMAL ID | 0
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4 | 0
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6
1 | 0
0
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2 | 0
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6
3 | 0
0
0
6
4 |
| Cyst | 2 | | | | | | | | | | | | | | | | | | | | 2 2.0 | | | |
| Pituitary Gland
Pars Distalis, Hyperplasia | + A + | | | | | | | | | | | | | | | | | | | | 47
1 2.0 | | | |
| Thyroid Gland
Ectopic Thymus
Inflammation, Chronic Active
Follicle, Degeneration | + A + | | | | | | | | | | | | | | | | | | | | 46
1 1.0
1 1.0
6 1.2 | | | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland
Degeneration | + M + | | | | | | | | | | | | | | | | | | | | 47
47 4.0 | | | |
| Ovary
Angiectasis
Atrophy
Cyst
Hemorrhage
Thrombosis
Bilateral, Cyst | + + + + + + + + + + + + + + + + A + + + A + | | | | | | | | | | | | | | | | | | | | 46
4 2.8
39 3.8
21 3.0
2 2.5
1 4.0
1 2.0 | | | |
| Uterus
Angiectasis
Hemorrhage | + A + | | | | | | | | | | | | | | | | | | | | 47
2 3.5
1 2.0 | | | |

* .. 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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Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----|
| | 0
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6 | 0
5
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6 | 0
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0 | 0
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3 | | | 0
7
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3 | 0
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3 | |
| ANIMAL ID | 0
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4 | 0
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2 | 0
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3 | 0
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4
4 | 0
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1 | 0
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2 | 0
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3 | 0
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6
4 | 0
1
0
6
1 | 0
1
0
6
2 | 0
1
0
6
3 | 0
1
0
6
4 | |
| Endometrium, Hyperplasia, Cystic | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 4 | 2 | 2 | 4 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 45 | 2.3 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|-----|
| Bone Marrow
Hyperplasia | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + | A | + | 45 | 6 | 2.8 | | |
| Lymph Node
Lumbar, Hyperplasia, Lymphoid | | | | | + | | | | | + | | | | | | | | | | | | | 8 | | 1 | 2.0 | |
| Lymph Node
Lumbar, Infiltration Cellular,
Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 47 | 8 | 2.1 | |
| Lymph Node, Mesenteric
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 47 | | 2 | 3.5 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | | 2 | 2 | | | | 2 | 3 | 2 | | 2 | | | | 2 | | | | | | | | | | 14 | 2.2 | |
| Lymph Node, Mesenteric
Infiltration Cellular, Histiocyte | | | | 3 | | | | | | | | | | | | | | | 2 | | | | | | 2 | 2.5 | |
| Spleen
Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 47 | | 14 | 3.6 |
| Spleen
Hyperplasia, Lymphoid | 3 | 4 | 2 | | 3 | | 2 | 4 | | | 2 | | 3 | 2 | 3 | | 2 | | | | 2 | | | | 29 | 2.9 | |
| Spleen
Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Thymus
Atrophy | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | M | + | + | A | + | 43 | | 13 | 2.8 | |
| Thymus
Hyperplasia, Lymphoid | 4 | | 3 | | | | | | 2 | | | | | | | | | 4 | | 4 | 2 | | | | 5 | 2.0 | |

* .. 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

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
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6
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2 | 0
5
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2 | 0
7
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3 | 0
7
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2 | 0
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3 | 0
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3 | 0
7
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6 | 0
6
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6 | 0
6
2
1 | 0
5
2
0 | 0
7
3
3 | 0
2
4
3 | | 0
7
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3 | |
| ANIMAL ID | 0
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6
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2 | 0
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3 | 0
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4 | 0
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4 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|
| Mammary Gland
Alveolus, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 47 | 2 | 2.5 | |
| Skin
Fibrosis
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 47 | 2 | 3.5 |
| | | | | 4 | | | | | | | | | 3 | | | | | | | | | | | | 1 | 4.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Bone | | | | + | | | | | | | | | | | | | | | | | | | | 2 | | |
| Bone, Femur
Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 | 3.0 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 47 | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | 45 | | |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | 45 | | |
| Brain, Cerebrum
Compression
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | 45 | 1 | 1.0 |
| | | | | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | | 1 | 2 | 1 | 1 | | | | | | 1 | | 25 | 1.0 |
| Peripheral Nerve, Sciatic
Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | 45 | 34 | 1.1 |
| | 1 | 1 | | 1 | | 1 | 1 | | | | | 2 | 1 | 1 | 1 | 1 | | | | | 1 | 1 | | | | |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | |
|--|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|----|-------|--------|--------|--|--|
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03 | 06
02 | 06
03 | 07
03 | | 07
03 | | | | | | | |
| ANIMAL ID | 006222 | 006634 | 006631 | 006633 | 006633 | 006633 | 006634 | 006631 | 006632 | 006633 | 006634 | 006631 | 006632 | 006633 | 006634 | 006631 | 006632 | 006633 | 006634 | 006631 | 006632 | | | | | | | | |
| Spinal Cord, Cervical
Infiltration Cellular, Lymphocyte
Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | 45 | 1 1.0 | 9 1.0 | | | |
| Spinal Cord, Lumbar
Infiltration Cellular, Lymphocyte
Axon, Degeneration
Nerve, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | 45 | 1 1.0 | 15 1.0 | 40 1.6 | | |
| Spinal Cord, Thoracic
Infiltration Cellular, Lymphocyte
Axon, Degeneration
Nerve, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | 45 | 1 1.0 | 34 1.0 | 1 1.0 | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Infiltration Cellular, Histiocyte
Infiltration Cellular, Lymphocyte
Alveolar Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 47 | 2 1.5 | 1 2.0 | 4 2.0 | | |
| Nose
Hyaline Droplet | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 46 | 4 1.5 | | | |
| Trachea
Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 46 | 1 4.0 | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | A | + | 44 | | |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pituitary Gland | + | + | + | + | + | + | + | M | + | + | + | M | + | + | M | M | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ectopic Thymus | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| Follicle, Degeneration | | | | 1 | 1 | | | | | | | 1 | | | | | | | 1 | | | 1 | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Degeneration | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 2 |
| Cyst | 2 | | 2 | | | | 4 | 2 | | | 2 | | 2 | | 4 | 2 | 2 | 4 | 3 | | | 3 | | |
| Hemorrhage | | | 2 | | | | 4 | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 2 | 4 | 2 | 2 | 2 | 1 | 2 | 1 | 4 | 2 | 2 | | 2 | 4 | 3 | 2 | 2 | 2 | 4 | 4 | 3 | 3 | 3 | 2 |
| Endometrium, Hyperplasia, Glandular, Focal | | | | | | | | | | | | | | | | | | | | | | | | 3 |

HEMATOPOIETIC 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
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
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Cornea, Inflammation, Chronic Active

1

Harderian Gland

+ + + + + + + + + + + A + + + + + + + + + + + + +

Fibrosis

4

Infiltration Cellular, Lymphocyte

URINARY SYSTEM

Kidney

+ + + + + + + + + + + A + + + + + + + + + + + + +

Hyaline Droplet

Hydronephrosis

Infarct

3

Infiltration Cellular, Lymphocyte

2 1 1 2 1 1 1 1 2 2 1 1 2 2 1 2 1 1

Inflammation, Chronic

Nephropathy

2

Urinary Bladder

+ + + + + + + + + + + A + + + + + + + + + + + + +

Infiltration Cellular, Lymphocyte

1 2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 Glycidamide
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 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| | 0586 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | | 0581 | 0589 |
| ANIMAL ID | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Esophagus | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 46 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 46 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 46 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 46 |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 46 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 10 1.2 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |

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 M .. Missing tissue
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 Glycidamide
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| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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3 |
| Bone Marrow
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | | | | | | | | 2 | | | | | | | | | 2 | | 2 | | | 5 2.2 |
| Lymph Node
Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | + | + | 5 |
| | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | 2 | | 1 | | | | | 2 | | | | | | | | | | | | | | 8 1.6 |
| | | 2 | | | | | | | | | | | | | | | | | | | | 4 2.0 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid
Infiltration Cellular, Histiocyte
Infiltration Cellular, Mast Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| | | | | | 2 | 2 | | 1 | | | | | | | | | | | 2 | | | 9 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Spleen
Accessory Spleen
Hematopoietic Cell Proliferation
Hemorrhage
Hyperplasia, Lymphoid
Pigmentation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | | | | | | | | | | | | | | | | | | | | | | 1 |
| | 4 | | | | | | | | | 4 | | | | | | | 4 | 4 | | | 4 | 11 3.5 |
| | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| | | 3 | 2 | 2 | | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 3 | | | 3 | 3 | | 3 | 35 2.8 |
| | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Thymus
Atrophy
Hyperplasia, Lymphoid
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | 45 |
| | 3 | | 4 | | 4 | | 2 | | | | | | | 2 | 2 | | 2 | 2 | | | 2 | 15 2.7 |
| | | | | | | | | 2 | 2 | 2 | | | | | | | | | 2 | | | 9 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |

INTEGUMENTARY 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
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parathyroid Gland | M | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland
Pars Distalis, Cyst | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland
Cyst | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ectopic Thymus | | | | | | | | | 2 | | | | | | | | | | | | | 2 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration | | 2 | | | | | | | | | | | | | | | | | | | | 1 | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland
Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary
Atrophy | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | 2 | 4 | | | | | | 3 | 2 | | | | | | | 3 | | 4 | | 2 | 2 | | | | |
| Hemorrhage
Bilateral, Cyst | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis | | | | | | | 4 | | | | | | | | | | | | | | | | | | 4 |

* .. 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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 1) Minimal 3) Moderate
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 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|--|
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3 | | |
| | 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 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| | 1 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 9 | 9 | 9 | 9 | 1 | 2 | 3 | 4 | 4 | 4 | 1 | |

Phthisis Bulbi
 Cornea, Inflammation, Chronic Active

Harderian Gland
 Infiltration Cellular, Lymphocyte
 Epithelium, Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | 1 | | | | | | 1 | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | 3 | | | | | | | | | | | | | |

URINARY SYSTEM

Kidney
 Hyaline Droplet
 Infiltration Cellular, Lymphocyte
 Metaplasia, Osseous
 Nephropathy

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 1 | 1 | 1 | | | 1 | | | | | | 1 | 2 | 1 | 2 | 2 | 2 | | 1 | 2 | 2 | | | 1 | 1 |
| | | | | | | | | 1 | | | | | | | | | | | | | | | | 2 |

Urinary Bladder
 Infiltration Cellular, Lymphocyte

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + |
| 1 | 1 | | 1 | | 2 | | | 1 | | | | 1 | 1 | | 1 | 1 | | 1 | 1 | 1 | | | 1 | 1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 I .. Insufficient tissue
 M .. Missing tissue
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 BLANK .. Not examined microscopically
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 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20314 - 04
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1/NCTR

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 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
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 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0733 | 0733 | 0733 | 0733 | 0733 | 0577 | 0577 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | |
| ANIMAL ID | 00812 | 00813 | 00814 | 00815 | 00816 | 00817 | 00818 | 00819 | 00820 | 00821 | 00822 | 00823 | 00824 | 00825 | 00826 | 00827 | 00828 | 00829 | 00830 | 00831 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------------------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Gallbladder
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 44 | 1 1.0 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Intestine Small, Ileum
Inflammation, Suppurative
Ulcer | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 44 | 1 4.0
1 4.0 |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 44 | 1 3.0 |
| Liver
Eosinophilic Focus
Hematopoietic Cell Proliferation
Infiltration Cellular, Lymphocyte
Vacuolization Cytoplasmic | + | + | X | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | 48 | 2
11 1.5
3 1.3
1 2.0 |
| Pancreas
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 10 1.1 |

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0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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| ANIMAL ID | 0
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1 | |
| Acinus, Degeneration
Duct, Dilatation | | 1 | | | 1 | | | | 1 | 2 | | | | | | | | | | | | 6 1.7
2 4.0 |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
30 1.2 |
| Stomach, Forestomach
Cyst Epithelial Inclusion
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 45
1
4 2.8 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 45 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Heart
Cardiomyopathy
Inflammation, Chronic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 1.0
1 1.0 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Hypertrophy
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 2.0
48 2.1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2 2.0 |

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|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--------------|
| | 0733 | 0733 | 0733 | 0733 | 0733 | 0577 | 0577 | 0773 | 0773 | 0577 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | | | | |
| ANIMAL ID | 00812 | 00813 | 00814 | 00811 | 00812 | 00813 | 00814 | 00811 | 00812 | 00813 | 00814 | 00811 | 00812 | 00813 | 00814 | 00811 | 00812 | 00813 | 00814 | 00811 | 00812 | 00813 | 00814 | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 45 |
| Pituitary Gland
Pars Distalis, Cyst | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
1 4.0 |
| Thyroid Gland
Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + | 47
1 2.0 |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 1.0 |
| Follicle, Degeneration | | | | | 1 | 2 | | | | | | | | | 1 | | | | | | | | | 5 1.4 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland
Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
48 3.9 |
| Ovary
Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
42 3.9 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 16 2.6 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Bilateral, Cyst | | | 4 | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Uterus
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2 4.0 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |

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Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0733 | 0733 | 0733 | 0733 | 0733 | 0577 | 0577 | 0773 | 0773 | 0577 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | |
| ANIMAL ID | 00812 | 00813 | 00814 | 00815 | 00816 | 00817 | 00818 | 00819 | 00820 | 00821 | 00822 | 00823 | 00824 | 00825 | 00826 | 00827 | 00828 | 00829 | 00830 | 00831 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|-----|-----|----|-----|
| Hydrometra | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 | | | |
| Thrombosis | 4 | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | |
| Endometrium, Hyperplasia, Cystic | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 2 | 3 | 4 | 3 | 3 | | | 2 | 3 | 3 | 45 | 2.8 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|-----|
| Bone Marrow
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 2 | 2.5 |
| Lymph Node
Renal, Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 10 | 1.8 |
| Infiltration Cellular, Plasma Cell | 2 | | | | | | | 1 | | | | | 3 | | | | | | 1 | 1 | | | | 2 | 2 | 1 | 3.0 |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2.5 |
| Lymph Node, Mesenteric
Angiectasis | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | 2 | 1.5 |
| Hyperplasia, Lymphoid | | | | 1 | | | | | | | | | 2 | | | 2 | | 2 | 1 | | | | 2 | | 7 | 1.4 | |
| Infiltration Cellular, Plasma Cell | | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Spleen
Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 10 | 3.3 |
| Hyperplasia, Lymphoid | 2 | 4 | 4 | 3 | 3 | | | 2 | 2 | 2 | 4 | 3 | 3 | | 3 | 3 | 4 | 4 | 4 | 2 | 2 | | 4 | 33 | 3.0 | | |
| Pigmentation | | | | | | | | 2 | | | | | | | | | 2 | | | | | | | | 3 | 2.3 | |
| Thymus
Atrophy | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | 11 | 2.5 |
| | 3 | | | | | 2 | | 1 | | | 2 | | | | | | | 2 | 3 | | | | | | | | |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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Hyperplasia, Lymphoid
 Mineralization

1

5 1.8
 1 3.0

INTEGUMENTARY SYSTEM

Mammary Gland

+ 48

Skin

+ 48

MUSCULOSKELETAL SYSTEM

Bone, Femur

+ 48

Skeletal Muscle

+ 48

NERVOUS SYSTEM

Brain, Brain Stem

+ 47

Brain, Cerebellum

+ 47

Infiltration Cellular, Lymphocyte

1 1.0

Brain, Cerebrum

+ 47

Infiltration Cellular, Lymphocyte

1 1.0

Mineralization

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1

36 1.1

Peripheral Nerve, Sciatic

+ 47

Axon, Degeneration

1 1 2 2 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1

38 1.2

Spinal Cord, Cervical

+ + + + + + + + + A + + + + + + + + + + + + 44

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MICE FEMALE
0.0875 GLYCID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
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4 | | | |
| Axon, Degeneration | | | | 1 | 1 | | | | | | | | | 1 | 1 | | 1 | | | | | 9 | 1.0 | |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 45 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 | 1.0 | |
| Axon, Degeneration | | 1 | 1 | 1 | | | | 1 | | | | | | | | | | | 1 | | 1 | 1.0 | | |
| Nerve, Degeneration | 2 | 1 | 1 | 1 | 2 | | | 1 | 1 | | | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 43 | 1.2 |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 44 | | |
| Axon, Degeneration | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 32 | 1.0 |
| Nerve, Degeneration | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | 1 | | 2 | | | | | | | | 3 | 1.7 |
| Inflammation, Chronic Active | | | | | 1 | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | 1 | | 3 | 1.3 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 44 | | |
| Cataract | | | | | | | | 2 | 4 | | | | | | | | | | | | | | 2 | 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

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|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----|-----|
| | 0733 | 0733 | 0733 | 0733 | 0733 | 0557 | 0557 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | | | |
| ANIMAL ID | 00812 | 00813 | 00814 | 00815 | 00816 | 00817 | 00818 | 00819 | 00820 | 00821 | 00822 | 00823 | 00824 | 00825 | 00826 | 00827 | 00828 | 00829 | 00830 | 00831 | | | |
| Phthisis Bulbi | | | | | | | | | | | | | | | | | | | | | X | 1 | |
| Cornea, Inflammation, Chronic Active | | | | | | 1 | 3 | | | | | | | | | | | | | | | 2 | 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Lymphocyte | | 1 | | | | | | | | | | | | 2 | | | | | | | | 5 | 1.2 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | 2 | 1 | | 1 | | | | | | | 2 | 1 | 1 | | 1 | | 1 | 2 | 26 | 1.3 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Nephropathy | | | | | | | | | | | | 1 | | | | | | | | | | 2 | 1.5 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Infiltration Cellular, Lymphocyte | | 1 | | 1 | 1 | | 1 | 1 | | | 1 | 1 | 2 | | 2 | | 1 | 1 | | 1 | 1 | 28 | 1.1 |

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 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|-----------|----------------------|
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Pars Distalis, Hyperplasia

2

3

Thyroid Gland

+ +

Cyst

3

Ectopic Thymus

1

Infiltration Cellular, Lymphocyte

Follicle, Degeneration

2

1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ +

Degeneration

4 4

Inflammation, Suppurative

Inflammation, Chronic Active

2

Ovary

+ +

Angiectasis

Atrophy

4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 3 4 4 4 4 4 4 4

Cyst

4 2 4 2 3 2 2

Hemorrhage

Inflammation, Chronic

Mineralization

Thrombosis

Uterus

+ +

Angiectasis

3

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

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MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | |
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Harderian Gland
 Infiltration Cellular, Lymphocyte

+ +

URINARY SYSTEM

Kidney
 Infiltration Cellular, Lymphocyte
 Metaplasia, Osseous
 Nephropathy
 Glomerulus, Amyloid Deposition

+ +

Urinary Bladder
 Infiltration Cellular, Lymphocyte

+ +

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MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------|-------|
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| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 3.0 |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | 29 1.4 | |
| Stomach, Forestomach
Ulcer
Epithelium, Hyperplasia | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | 1 2.0
4 3.0 | |
| Stomach, Glandular | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Heart | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Subcapsular, Hyperplasia | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | 45 2.1 | |
| Adrenal Medulla | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | | |
| Islets, Pancreatic | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | | |
| Parathyroid Gland
Cyst | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | 41 | 4 2.3 |
| Pituitary Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | | |

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

Experiment Number: 20314 - 04
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|--|
| | 0
7
3
3 | 0
7
0
8 | 0
7
3
3 | 0
7
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3 | 0
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3 | 0
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3
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7
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3 | 0
7
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3 | 0
7
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3 | 0
7
3
3 | 0
7
3
3 | 0
6
3
6 | 0
7
3
3 | 0
7
3
3 | 0
6
8
3 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
6
8
3 | | | 0
7
3
3 | | |
| | 0
0
7
1
2 | 0
0
7
1
3 | 0
0
7
1
4 | 0
0
7
2
1 | 0
0
7
2
2 | 0
0
7
2
3 | 0
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7
2
4 | 0
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7
3
1 | 0
0
7
3
2 | 0
0
7
3
3 | 0
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7
3
3 | 0
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7
3
4 | 0
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7
1
1 | 0
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7
1
1 | 0
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7
1
1 | 0
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7
1
1 | 0
0
7
2
2 | 0
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7
2
2 | 0
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7
2
2 | 0
0
7
1
1 | 0
0
7
1
2 | 0
0
7
1
3 | 0
0
7
1
4 | | |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|---|--|-----------|--------------|
| Pars Distalis, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | 3 2.3 | | | | |
| Thyroid Gland Cyst | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | | 45 | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Lymphocyte Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|
| Clitoral Gland Degeneration | + | A | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 44 | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 4.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Ovary Angiectasis | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 44 4.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 2.6 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Uterus Angiectasis | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

* .. 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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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 Glycidamide
 CAS Number: 5694-00-8

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 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0733 | 0738 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | |
| ANIMAL ID | 0071 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 |
| | 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 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 2 | 3 | 4 | 1 | 2 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|
| Hydrometra | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Endometrium, Hyperplasia, Cystic | 3 | | 2 | 3 | 4 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 44 | 2.9 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|--|
| Bone Marrow | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Lymph Node | | | | | | + | + | | | | | | | | | | | + | + | | + | | 8 | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Lymph Node, Mandibular | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Hemorrhage | | | | | 2 | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Hyperplasia, Lymphoid | | | 2 | | | | | | | | | 2 | | 2 | | 1 | | | | 2 | 1 | | 13 | 1.6 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | 2 | | | | | | 2 | | | | | | | | 3 | 2.0 | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Lymph Node, Mesenteric | + | A | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | A | + | 43 | | |
| Hyperplasia, Lymphoid | 1 | | 2 | | | | | | | | | 2 | | 2 | 1 | | | | | | 2 | | 14 | 1.6 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 3.0 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | 3 | | | | | | | | | | 3 | | | 2 | 3.0 | |
| Sinus, Dilatation | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 46 | | |
| Hematopoietic Cell Proliferation | | | | | | | | 4 | 3 | 2 | | | | | 3 | | | | | | | | 6 | 3.0 | |
| Hyperplasia, Lymphoid | 4 | | 4 | 4 | 3 | | 3 | | 3 | 3 | 4 | 3 | 3 | 3 | | 3 | | 4 | | 3 | 4 | | 35 | 3.1 | |
| Necrosis | | | | | | | | | | | | | | | | | | 4 | | | | | 1 | 4.0 | |
| Pigmentation | | | | | | | | | | 3 | | | | | | | | | | | | | 1 | 3.0 | |
| Thymus | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
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Experiment Number: 20314 - 04
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 Route: DOSED WATER
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014
 Time Report Requested: 07:40:57
 First Dose M/F: 06/02/05 / 06/02/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|------|
| | 0733 | 0738 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | | 0733 | 0733 |
| ANIMAL ID | 00712 | 00713 | 00714 | 00715 | 00716 | 00717 | 00718 | 00719 | 00720 | 00721 | 00722 | 00723 | 00724 | 00725 | 00726 | 00727 | 00728 | 00729 | 00730 | 00731 | 00732 | 00733 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2.1 |
| | 2 | 3 | 4 | 1 | 2 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 2.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|--|---|---|--|---|---|--|---|--|---|--|--|---|--|---|--|---|--|---|---|--|----|-----|
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Atrophy | | | | 4 | | 2 | 2 | | 4 | | | | | 4 | | 3 | | 2 | | 2 | 2 | | 16 | 2.9 |
| Hyperplasia, Lymphoid | | | 2 | | | | | | | | 2 | | | 3 | | | | | | | | | 7 | 2.1 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Mammary Gland | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | |
| Alveolus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Skin | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Bone, Femur | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Fibro-Osseous Lesion | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Skeletal Muscle | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Brain, Brain Stem | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | |
| Brain, Cerebellum | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | |
| Brain, Cerebrum | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | 3 | 1.0 |
| Mineralization | 1 | | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | | 1 | 31 | 1.0 | |
| Peripheral Nerve, Sciatic | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | |
| Axon, Degeneration | 1 | | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | 1 | | 1 | 39 | 1.2 | |

* .. 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
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| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|----|-----|-----|-----|-----|-----|-----|
| | 0733 | 0738 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | | 0733 | | | | | | | | |
| ANIMAL ID | 0071 | 0073 | 0074 | 0071 | 0072 | 0073 | 0074 | 0071 | 0072 | 0073 | 0074 | 0071 | 0072 | 0073 | 0074 | 0071 | 0072 | 0073 | 0074 | 0071 | 0072 | 0073 | 0074 | | | | | | | |
| Spinal Cord, Cervical
Infiltration Cellular, Lymphocyte
Axon, Degeneration | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | 3 | 1.0 | 4 | 1.0 | | | |
| Spinal Cord, Lumbar
Infiltration Cellular, Lymphocyte
Axon, Degeneration
Nerve, Degeneration | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | 6 | 1.0 | 12 | 1.0 | 43 | 1.2 | |
| Spinal Cord, Thoracic
Infiltration Cellular, Lymphocyte
Axon, Degeneration | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | 3 | 1.0 | 35 | 1.0 | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Hemorrhage
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | 2 | 2.5 | 1 | 1.0 | 3 | 3.0 |
| Nose
Hyaline Droplet | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | 9 | 1.4 | | | | | |
| Trachea | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | | | | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye
Cataract | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | 1 | 1.0 | | | | | |

* .. 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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 Glycidamide
 CAS Number: 5694-00-8

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 Time Report Requested: 07:40:57
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| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|-----------|-----------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | |
| ANIMAL ID | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | | |
| | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 3 | |
| | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | |
| | 2 | 3 | 4 | 1 | 2 | 2 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Harderian Gland
Infiltration Cellular, Lymphocyte | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | 3 1.3 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Infiltration Cellular, Lymphocyte | 1 | | 2 | 1 | 1 | | 1 | | 2 | 2 | | 2 | 1 | | 2 | 1 | | 1 | | 4 | 2 | | 23 | 1.5 |
| Metaplasia, Osseous | | | | | | | | | | | | 1 | | | | | | | | | | | 2 | 1.5 |
| Nephropathy | | | | | | | | | | | | | 2 | | | | | | | | | | 2 | 1.5 |
| Glomerulus, Amyloid Deposition | | | | | | | | | | | | | | | | 3 | | | | | | | 1 | 3.0 |
| Urinary Bladder | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 45 | |
| Infiltration Cellular, Lymphocyte | 1 | | 2 | 1 | 1 | | 1 | | 1 | 2 | 1 | 2 | | 2 | 1 | | | | 1 | 1 | 1 | 2 | 31 | 1.3 |

*** END OF REPORT ***

* .. 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

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