

Experiment Number: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Acrylamide
CAS Number: 79-06-1

Date Report Requested: 10/23/2014
Time Report Requested: 10:35:18
First Dose M/F: NA / NA
Lab: NCTR

C Number:	C20313
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 20313-01
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 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:18
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male CONTROL	DAY ON TEST								ANIMAL ID	
	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	0	
	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	4	
	1	1	2	2	3	3	4	4	1	
	1	2	1	2	1	2	1	2		*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	8	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	8	
Intestine Large, Colon	+	+	+	+	+	+	+	+	8	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	8	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	8	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	8	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	8	
Inflammation, Acute			3							1 3.0
Liver	+	+	+	+	+	+	+	+	8	
Necrosis, Focal								2		1 2.0
Pancreas	+	+	+	+	+	+	+	+	8	
Salivary Glands	+	+	+	+	+	+	+	+	8	
Stomach, Forestomach	+	+	+	+	+	+	+	+	8	
Stomach, Glandular	+	+	+	+	+	+	+	+	8	
Tongue	+	+	+	+	+	+	+	+	8	

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	8	
Heart	+	+	+	+	+	+	+	+	8	
Myocardium, Inflammation, Focal	1	2	3	3	1		2			6 2.0

Endocrine 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

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**F 344/NCTR Rat Male
 CONTROL**

	DAY ON TEST								
	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
ANIMAL ID	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	
	1	1	2	2	3	3	4	4	
	1	2	1	2	1	2	1	2	*TOTALS
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	+	+	+	+	+	+	8
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	8
General Body System									
NONE									
Genital System									
Epididymis	+	+	+	+	+	+	+	+	8
Preputial Gland	+	+	+	+	+	+	+	+	8
Inflammation, Chronic	2				2	2	2		4 2.0
Inflammation, Suppurative		2		2			2		3 2.0
Prostate	+	+	+	+	+	+	+	+	8
Inflammation, Chronic					2	2			2 2.0
Seminal Vesicle	+	+	+	+	+	+	+	+	8
Decreased Secretory Fluid							X		1
Dilatation							2		1 2.0
Testes	+	+	+	+	+	+	+	+	8
Hematopoietic System									
Bone Marrow	+	+	+	+	+	+	+	+	8

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F 344/NCTR Rat Male CONTROL	DAY ON TEST								ANIMAL ID			
	0	0	0	0	0	0	0	0				
	1	1	1	1	1	1	1	1	0			
	0	0	0	0	0	0	0	0	0			
	4	4	4	4	4	4	4	4	4			
	1	1	2	2	3	3	4	4	4			
	1	2	1	2	1	2	1	2				
												*TOTALS
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+			8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+			8
Hyperplasia, Lymphoid			2	2	3						3	2.3
Spleen	+	+	+	+	+	+	+	+	+			8
Thymus	+	+	+	+	+	+	+	+	+			8
Hemorrhage					2						1	2.0
Integumentary System												
Mammary Gland	+	+	+	+	+	+	+	+	+			8
Skin	+	+	+	+	+	+	+	+	+			8
Musculoskeletal System												
Bone, Femur	+	+	+	+	+	+	+	+	+			8
Skeletal Muscle	+	+	+	+	+	+	+	+	+			8
Nervous System												
Brain, Brain Stem	+	+	+	+	+	+	+	+	+			8
Brain, Cerebellum	+	+	+	+	+	+	+	+	+			8
Brain, Cerebrum	+	+	+	+	+	+	+	+	+			8
Peripheral Nerve	+	+	+	+	+	+	+	+	+			8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+			8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+			8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+			8
Respiratory System												

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 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

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 Time Report Requested: 10:35:18
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male CONTROL	DAY ON TEST								ANIMAL ID		
	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	0		
	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	4	4	4		
	1	1	2	2	3	3	4	4	4		
	1	2	1	2	1	2	1	2			
									*TOTALS		
Lung	+	+	+	+	+	+	+	+	8		
Artery, Mineralization			1				2	1		3	1.3
Nose	+	+	+	+	+	+	+	+	8		
Goblet Cell, Hyperplasia				1		1	2		2	4	1.5
Trachea	+	+	+	+	+	+	+	+	8		
Special Senses System											
Eye	+	+	+	+	+	+	+	+	8		
Harderian Gland	+	+	+	+	+	+	+	+	8		
Urinary System											
Kidney	+	+	+	+	+	+	+	+	8		
Hydronephrosis				2				2		2	2.0
Urinary Bladder	+	+	+	+	+	+	+	+	8		

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First Dose M/F: NA / NA
Lab: NCTR

DAY ON TEST

F 344/NCTR Rat Male
10 UG/ML

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Acrylamide
CAS Number: 79-06-1

Date Report Requested: 10/23/2014
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First Dose M/F: NA / NA
Lab: NCTR

DAY ON TEST

F 344/NCTR Rat Male
10 UG/ML

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20313-01
 Test Type: 90-DAY
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 Species/Strain: Rat/F 344/NCTR

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 Test Compound: Acrylamide
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Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:18
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male
 25 UG/ML

DAY ON TEST	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	2	2	
	7	7	8	8	9	9	0	0	
	1	2	1	2	1	2	1	2	
	*TOTALS								

Alimentary System

Liver + 1
 Left Lat Lobe, Developmental Malformation X 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Epididymis + + + + + + + + 8
 Preputial Gland + 1
 Inflammation, Suppurative 3 1 3.0
 Testes + + + + + + + + 8

Hematopoietic System

NONE

Integumentary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

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Experiment Number: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

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 Test Compound: Acrylamide
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Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:18
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male 25 UG/ML	DAY ON TEST	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
	ANIMAL ID	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		1	1	1	1	1	1	2	2
		7	7	8	8	9	9	0	0
		1	2	1	2	1	2	1	2
									*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:18
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male	50 UG/ML	DAY ON TEST	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1
		ANIMAL ID	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			1	1	2	2	3	3	4	4
			1	2	1	2	1	2	1	2
*TOTALS										

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	+	+	+	8
Exfoliated Germ Cell							1	1	2 1.0
Testes	+	+	+	+	+	+	+	+	8
Germinal Epith, Degeneration			1		1		1	1	5 1.0

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

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

+ ..Tissue examined microscopically

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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:18
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male
50 UG/ML

DAY ON TEST	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	1	1	2	2	3	3	4	4
	1	2	1	2	1	2	1	2
	*TOTALS							

NONE
Nervous System

NONE
Respiratory System

NONE
Special Senses System

NONE
Urinary System

Kidney	+	1	
Hydronephrosis	2	1	2.0

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Experiment Number: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:18
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male 100 UG/ML	DAY ON TEST	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
	ANIMAL ID	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	
		5	5	6	6	7	7	8	
		1	2	1	2	1	2	1	
		*TOTALS							

Alimentary System

Liver + 1
 Left Lat Lobe, Developmental Malformation X 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Epididymis + + + + + + + + 8
 Exfoliated Germ Cell 1 2 1 1 1 1 1 1 8 1.1
 Preputial Gland + 1
 Inflammation, Chronic 4 1 4.0
 Testes + + + + + + + + 8
 Germinal Epith, Degeneration 1 1 1 1 1 1 1 1 8 1.0

Hematopoietic System

Bone Marrow + + + + + + + + 8
 Spleen + + + + + + + + 8

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 Time Report Requested: 10:35:18
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male 100 UG/ML	DAY ON TEST	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
	ANIMAL ID	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	
		5	5	6	6	7	7	8	
		1	2	1	2	1	2	1	
		*TOTALS							

Integumentary System

NONE

Musculoskeletal System

Skeletal Muscle + + + + + + + + 8

Nervous System

Peripheral Nerve + + + + + + + + 8

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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 Lab: NCTR

F 344/NCTR Rat Male 250 UG/ML	DAY ON TEST	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3
	3	3	4	4	5	5	6	6	6
	1	2	1	2	1	2	1	2	2
	*TOTALS								

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	8
Intestine Large, Cecum	+	+	+	+	+	+	+	+	8
Intestine Large, Colon	+	+	+	+	+	+	+	+	8
Intestine Large, Rectum	+	+	+	+	+	+	+	+	8
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	8
Intestine Small, Ileum	+	+	+	+	+	+	+	+	8
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	8
Liver	+	+	+	+	+	+	+	+	8
Hematopoietic Cell Proliferation								1	1 1.0
Left Lat Lobe, Developmental Malformation		X							1
Pancreas	+	+	+	+	+	+	+	+	8
Salivary Glands	+	+	+	+	+	+	+	+	8
Stomach, Forestomach	+	+	+	+	+	+	+	+	8
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	8
Heart	+	+	+	+	+	+	+	+	8
Myocardium, Inflammation, Focal			1		1	1	1	1	5 1.0

Endocrine System

* ..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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Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male 250 UG/ML	DAY ON TEST								ANIMAL ID			
	0	0	0	0	0	0	0	0				
	1	1	1	1	1	1	1	1	0			
	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	0			
	0	0	0	0	0	0	0	0	0			
	3	3	3	3	3	3	3	3	3			
	3	3	4	4	5	5	6	6	6			
	1	2	1	2	1	2	1	2	2			
										*TOTALS		
Adrenal Cortex	+	+	+	+	+	+	+	+	+	8		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	8		
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	8		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	8		
Pituitary Gland	+	+	+	+	+	+	+	+	+	8		
Pars Distalis, Cyst								X			1	
Thyroid Gland	+	+	+	+	+	+	+	+	+	8		
Inflammation, Chronic						1					1	1.0
General Body System												
NONE												
Genital System												
Epididymis	+	+	+	+	+	+	+	+	+	8		
Exfoliated Germ Cell	3	4	4	3	3	2	3	4		8	3.3	
Hypospermia	3	4	4	4	2	2	3	4		8	3.3	
Preputial Gland	+	+	+	+	+	+	+	+		8		
Inflammation, Chronic					1		2				2	1.5
Inflammation, Suppurative		2	3	3		2					4	2.5
Prostate	+	+	+	+	+	+	+	+		8		
Inflammation, Chronic	2										1	2.0
Inflammation, Suppurative		3						2			2	2.5
Seminal Vesicle	+	+	+	+	+	+	+	+		8		
Testes	+	+	+	+	+	+	+	+		8		

* ..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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

**F 344/NCTR Rat Male
 250 UG/ML**

	DAY ON TEST									
	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1		
	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1		
	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3		
	3	3	4	4	5	5	6	6		
	1	2	1	2	1	2	1	2		
									*TOTALS	
Germinal Epith, Degeneration	2	3	4	3	2	2	2	4	8	2.8
Hematopoietic System										
Bone Marrow	+	+	+	+	+	+	+	+	8	
Erythroid Cell, Hyperplasia	2	2	2	2	2	2	2	2	8	2.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8	
Spleen	+	+	+	+	+	+	+	+	8	
Congestion	3		3	2	3	2	3	3	7	2.7
Pigmentation	3	3	3	2	3	2	3	3	8	2.8
Thymus	+	+	+	+	+	+	+	+	8	
Integumentary System										
Mammary Gland	+	+	+	+	+	+	+	+	8	
Skin	+	+	+	+	+	+	+	+	8	
Musculoskeletal System										
Bone, Femur	+	+	+	+	+	+	+	+	8	
Skeletal Muscle	+	+	+	+	+	+	+	+	8	
Atrophy	2	2	2	2	2	1			6	1.8
Nervous System										
Brain, Brain Stem	+	+	+	+	+	+	+	+	8	
Brain, Cerebellum	+	+	+	+	+	+	+	+	8	
Brain, Cerebrum	+	+	+	+	+	+	+	+	8	

* ..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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male 250 UG/ML	DAY ON TEST								ANIMAL ID			
	0	0	0	0	0	0	0	0				
	1	1	1	1	1	1	1	1	0			
	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	0			
	0	0	0	0	0	0	0	0	0			
	3	3	3	3	3	3	3	3	3			
	3	3	4	4	5	5	6	6	6			
	1	2	1	2	1	2	1	2	2			
										*TOTALS		
Peripheral Nerve	+	+	+	+	+	+	+	+	+	8		
Axon, Degeneration	3	3	3	3	3	3	3	3	3	8	3.0	
Schwann Cell, Degeneration	3	3	3	3	3	3	3	3	3	8	3.0	
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	8		
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	8		
Axon, Degeneration	1	2	2	1	1	2	3	3	3	8	1.9	
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	8		
Respiratory System												
Lung	+	+	+	+	+	+	+	+	+	8		
Nose	+	+	+	+	+	+	+	+	+	8		
Goblet Cell, Hyperplasia	1	1			2	2	2			5	1.6	
Trachea	+	+	+	+	+	+	+	+	+	8		
Special Senses System												
Eye	+	+	+	+	+	+	+	+	+	8		
Harderian Gland	+	+	+	+	+	+	+	+	+	8		
Inflammation, Chronic		2								1	2.0	
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	8		
Cortex, Inflammation, Chronic									1	1	1.0	
Urinary Bladder	+	+	+	+	+	+	+	+	+	8		
Dilatation	3	4	3	3	3	3	3	3	3	8	3.1	

* ..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: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Acrylamide
CAS Number: 79-06-1

Date Report Requested: 10/23/2014
Time Report Requested: 10:35:19
First Dose M/F: NA / NA
Lab: NCTR

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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female CONTROL	DAY ON TEST								ANIMAL ID
	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	
	5	5	6	6	7	7	8	8	
	1	2	1	2	1	2	1	2	*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	8
Intestine Large, Cecum	+	+	+	+	+	+	+	+	8
Intestine Large, Colon	+	+	+	+	+	+	+	+	8
Intestine Large, Rectum	+	+	+	+	+	+	+	+	8
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	8
Intestine Small, Ileum	+	+	+	+	+	+	+	+	8
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	8
Liver	+	+	+	+	+	+	+	+	8
Granuloma					2				1 2.0
Left Lat Lobe, Developmental Malformation		X	X						2
Necrosis, Focal	2					1			2 1.5
Pancreas	+	+	+	+	+	+	+	+	8
Salivary Glands	+	+	+	+	+	+	+	+	8
Stomach, Forestomach	+	+	+	+	+	+	+	+	8
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	8
Heart	+	+	+	+	+	+	+	+	8
Artery, Inflammation						3			1 3.0
Myocardium, Inflammation, Focal	1		1	1	1			1	5 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

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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female CONTROL	DAY ON TEST								ANIMAL ID
	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	
	5	5	6	6	7	7	8	8	
	1	2	1	2	1	2	1	2	*TOTALS

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	+	+	+	+	+	+	8
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	8

General Body System

NONE

Genital System

Clitoral Gland	+	+	+	+	+	+	+	+	8
Inflammation, Chronic				2	2	2	2	3	5 2.2
Inflammation, Suppurative	3	2	3						3 2.7
Ovary	+	+	+	+	+	+	+	+	8
Uterus	+	+	+	+	+	+	+	+	8

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	8
Thymus	+	+	+	+	+	+	+	+	8

* ..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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female CONTROL	DAY ON TEST								*TOTALS
	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	
Thymus	+	+	+	+	+	+	+	+	8
Integumentary System									
Mammary Gland	+	+	+	+	+	+	+	+	8
Skin	+	+	+	+	+	+	+	+	8
Musculoskeletal System									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	8
Nervous System									
Brain, Brain Stem	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	8
Brain, Cerebrum	+	+	+	+	+	+	+	+	8
Peripheral Nerve	+	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8
Respiratory System									
Lung	+	+	+	+	+	+	+	+	8
Artery, Mineralization					1				1 1.0
Nose	+	+	+	+	+	+	+	+	8
Goblet Cell, Hyperplasia	1			1		2	1		4 1.3
Inflammation	2						2		2 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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female CONTROL	DAY ON TEST								ANIMAL ID		
	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	0		
	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	0		
	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	4	4	4		
	5	5	6	6	7	7	8	8	8		
	1	2	1	2	1	2	1	2	2		
										*TOTALS	
Trachea	+	+	+	+	+	+	+	+	+	8	
Special Senses System											
Eye	+	+	+	+	+	+	+	+	+	8	
Harderian Gland	+	+	+	+	+	+	+	+	+	8	
Inflammation, Chronic	2			1						2	1.5
Urinary System											
Kidney	+	+	+	+	+	+	+	+	+	8	
Cortex, Inflammation, Chronic								1		1	1.0
Cortex, Mineralization	3	2	3	3	3	2	3	3		8	2.8
Urinary Bladder	+	+	+	+	+	+	+	+	+	8	

* ..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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0
	F 344/NCTR Rat Female	1	1	1	1	1	1	1
10 UG/ML	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1
	3	3	4	4	5	5	6	6
	1	2	1	2	1	2	1	2
	*TOTALS							

Alimentary System

Liver	+	1	
Left Lat Lobe, Developmental Malformation	X	1	
Mesentery	+	1	
Fat, Necrosis	3	1	3.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Uterus	+	1	
Dilatation	3	1	3.0

Hematopoietic System

NONE

Integumentary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 10 UG/ML	DAY ON TEST	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2
	ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
	3	3	4	4	5	5	6	6	
	1	2	1	2	1	2	1	2	
	*TOTALS								

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 25 UG/ML	DAY ON TEST	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2
	ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	
	1	1	2	2	3	3	4	4	
	1	2	1	2	1	2	1	2	
	*TOTALS								

Alimentary System

Liver										
Left Lat Lobe, Developmental Malformation										

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Clitoral Gland										
Inflammation, Chronic										

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

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

Experiment Number: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 25 UG/ML	DAY ON TEST	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2
	ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	
	1	1	2	2	3	3	4	4	
	1	2	1	2	1	2	1	2	
	*TOTALS								

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Acrylamide
CAS Number: 79-06-1

Date Report Requested: 10/23/2014
Time Report Requested: 10:35:19
First Dose M/F: NA / NA
Lab: NCTR

DAY ON TEST								
	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	
0	0	0	0	0	0	0	0	
2	2	2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	
	5	5	6	6	7	7	8	
	1	2	1	2	1	2	1	
*TOTALS								

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Uterus + 1
Dilatation 3 1 3.0

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous 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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 50 UG/ML	DAY ON TEST	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2
	ANIMAL ID	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		5	5	6	6	7	7	8	8
		1	2	1	2	1	2	1	2
		*TOTALS							

NONE
Respiratory System
 NONE
Special Senses System
 NONE
Urinary System
 NONE

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

Experiment Number: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 100 UG/ML	DAY ON TEST	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2
	ANIMAL ID	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		2	2	3	3	3	3	3	3
		9	9	0	0	1	1	2	2
		1	2	1	2	1	2	1	2
		*TOTALS							

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	+	+	+	8
Uterus	+	+	+	+	+	+	+	+	8

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	8

Integumentary System

NONE

Musculoskeletal System

Skeletal Muscle	+	+	+	+	+	+	+	+	8
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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Acrylamide
CAS Number: 79-06-1

Date Report Requested: 10/23/2014
Time Report Requested: 10:35:19
First Dose M/F: NA / NA
Lab: NCTR

	DAY ON TEST	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
F 344/NCTR Rat Female	ANIMAL ID	0	0	0	0	0	0	0	0	
100 UG/ML		0	0	0	0	0	0	0	0	
		2	2	3	3	3	3	3	3	
		9	9	0	0	1	1	2	2	
		1	2	1	2	1	2	1	2	*TOTALS

Nervous System

Peripheral Nerve	+	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+					+	+	4
Spinal Cord, Lumbar	+	+					+	+	4
Spinal Cord, Thoracic	+	+					+	+	4

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:19
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 250 UG/ML	DAY ON TEST								ANIMAL ID	
	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	0	
	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	4	4	0	
	7	7	8	8	9	9	0	0	0	
	1	2	1	2	1	2	1	2	2	*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	8	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	8	
Intestine Large, Colon	+	+	+	+	+	+	+	+	8	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	8	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	8	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	8	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	8	
Liver	+	+	+	+	+	+	+	+	8	
Left Lat Lobe, Developmental Malformation	X	X		X						3
Pancreas	+	+	+	+	+	+	+	+	8	
Salivary Glands	+	+	+	+	+	+	+	+	8	
Stomach, Forestomach	+	+	+	+	+	+	+	+	8	
Stomach, Glandular	+	+	+	+	+	+	+	+	8	
Tongue	+	+	+	+	+	+	+	+	8	

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	8	
Heart	+	+	+	+	+	+	+	+	8	
Myocardium, Inflammation, Focal			1				1			2 1.0

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	8	
----------------	---	---	---	---	---	---	---	---	---	--

* ..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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:20
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 250 UG/ML	DAY ON TEST								ANIMAL ID			
	0	0	0	0	0	0	0	0				
	1	1	1	1	1	1	1	1	0			
	0	0	0	0	0	0	0	0	0			
	2	2	2	2	2	2	2	2	0			
	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0			
	3	3	3	3	3	3	4	4	0			
	7	7	8	8	9	9	0	0	0			
	1	2	1	2	1	2	1	2	0			
										*TOTALS		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	8		
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	8		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	8		
Pituitary Gland	+	+	+	+	+	+	+	+	+	8		
Thyroid Gland	+	+	+	+	+	+	+	+	+	8		
General Body System												
NONE												
Genital System												
Clitoral Gland	+	+	+	+	+	+	+	+	+	8		
Inflammation, Chronic	1	2	2	2	2			2		6	1.8	
Ovary	+	+	+	+	+	+	+	+	+	8		
Corpus Luteum, Cyst					X					1		
Corpus Luteum, Dysgenesis	2	2	2	4	2	3	3	2		8	2.5	
Uterus	+	+	+	+	+	+	+	+	+	8		
Anestrus	X	X	X	X	X	X	X	X	X	8		
Hematopoietic System												
Bone Marrow	+	+	+	+	+	+	+	+	+	8		
Erythroid Cell, Hyperplasia	2	2	2	2	2	2	2	2	2	8	2.0	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	8		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	8		
Spleen	+	+	+	+	+	+	+	+	+	8		

* ..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: 20313-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Acrylamide

CAS Number: 79-06-1

Date Report Requested: 10/23/2014

Time Report Requested: 10:35:20

First Dose M/F: NA / NA

Lab: NCTR

F 344/NCTR Rat Female 250 UG/ML	DAY ON TEST									
	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1		
	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2		
	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	4	4		
	7	7	8	8	9	9	0	0		
	1	2	1	2	1	2	1	2		
									*TOTALS	
Congestion	3	3	3	3	3	3	2	2	8	2.8
Pigmentation	3	3	3	3	3	3	2	2	8	2.8
Thymus	+	+	+	+	+	+	+	+	8	
Integumentary System										
Mammary Gland	+	+	+	+	+	+	+	+	8	
Skin	+	+	+	+	+	+	+	+	8	
Musculoskeletal System										
Bone, Femur	+	+	+	+	+	+	+	+	8	
Skeletal Muscle	+	+	+	+	+	+	+	+	8	
Atrophy	2	2	2	2	2	2		2	7	2.0
Nervous System										
Brain, Brain Stem	+	+	+	+	+	+	+	+	8	
Brain, Cerebellum	+	+	+	+	+	+	+	+	8	
Brain, Cerebrum	+	+	+	+	+	+	+	+	8	
Peripheral Nerve	+	+	+	+	+	+	+	+	8	
Axon, Degeneration	3	3	3	3	3	3	3	3	8	3.0
Schwann Cell, Degeneration	3	3	3	3	3	3	3	3	8	3.0
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8	
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8	
Axon, Degeneration	1	2	2	1	1	2	3	2	8	1.8
Cyst Epithelial Inclusion					X				1	

* ..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: 20313-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:20
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 250 UG/ML	DAY ON TEST								ANIMAL ID			
	0	0	0	0	0	0	0	0				
	1	1	1	1	1	1	1	1	0			
	0	0	0	0	0	0	0	0	0			
	2	2	2	2	2	2	2	2	0			
	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0			
	3	3	3	3	3	3	4	4	0			
	7	7	8	8	9	9	0	0	0			
	1	2	1	2	1	2	1	2	0			
										*TOTALS		
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8			
Axon, Degeneration		1	1						2	1.0		
Respiratory System												
Lung	+	+	+	+	+	+	+	+	8			
Nose	+	+	+	+	+	+	+	+	8			
Goblet Cell, Hyperplasia		2	1	2	2		2		5	1.8		
Trachea	+	+	+	+	+	+	+	+	8			
Special Senses System												
Eye	+	+	+	+	+	+	+	+	8			
Harderian Gland	+	+	+	+	+	+	+	+	8			
Inflammation, Chronic				1					1	1.0		
Urinary System												
Kidney	+	+	+	+	+	+	+	+	8			
Cortex, Inflammation, Chronic	1								1	1.0		
Urinary Bladder	+	+	+	+	+	+	+	+	8			
Dilatation			1	2	2	3	3	3	6	2.3		

**** 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

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