

Experiment Number: 20313-03
Test Type: 90-DAY
Route: DOSED FEED
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: 09:17:21
First Dose M/F: NA / NA
Lab: NCTR

C Number:	C20313B
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

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Date Report Requested: 10/23/2014
 Time Report Requested: 09:17:21
 First Dose M/F: NA / NA
 Lab: NCTR

**F 344/NCTR Rat Male
 Control Feed M**

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
	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2
	1	1	2	2	3	3	4	4	4
	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
Infiltration Cellular, Lymphocyte								1	1 1.0
Pancreas	+	+	+	+	+	+	+	+	8
Salivary Glands	+	+	+	+	+	+	+	+	8
Stomach, Forestomach	+	+	+	+	+	+	+	+	8
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	8
Heart	+	+	+	+	+	+	+	+	8
Myocardium, Inflammation, Focal	1		1		1				3 1.0

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	8
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* ..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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 Lab: NCTR

**F 344/NCTR Rat Male
 Control Feed M**

	DAY ON TEST									
	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		
	1	1	1	1	1	1	1	1		
	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	
Vacuolization Cytoplasmic			2	3					2	2.5
Adrenal Medulla	+	+	+	+	+	+	+	+	8	
Islets, Pancreatic	+	+	+	+	+	+	+	+	8	
Parathyroid Gland	M	+	+	+	+	+	+	+	7	
Pituitary Gland	+	+	+	+	+	+	+	+	8	
Pars Distalis, Cyst							X		1	
Thyroid Gland	+	+	+	+	+	+	+	+	8	
General Body System										
NONE										
Genital System										
Epididymis	+	+	+	+	+	+	+	+	8	
Preputial Gland	+	+	+	+	+	+	+	+	8	
Inflammation, Suppurative	2					2		2	3	2.0
Prostate	+	+	+	+	+	+	+	+	8	
Seminal Vesicle	+	+	+	+	+	+	+	+	8	
Testes	+	+	+	+	+	+	+	+	8	
Hematopoietic System										
Bone Marrow	+	+	+	+	+	+	+	+	8	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8	
Spleen	+	+	+	+	+	+	+	+	8	

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 Lab: NCTR

**F 344/NCTR Rat Male
 Control Feed M**

	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	
	1	1	1	1	1	1	1	1	
	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
Thymus	+	+	+	+	+	+	+	+	8
Hemorrhage			2						1 2.0
Integumentary System									
Mammary Gland	+	+	+	+	M	+	+	+	7
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
Alveolus, Inflammation, Focal			1						1 1.0
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8

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 Control Feed M**

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
	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2
	1	1	2	2	3	3	4	4	4
	1	2	1	2	1	2	1	2	2
	*TOTALS								

Special Senses System

Eye	+	+	+	+	+	+	+	+	8
Harderian Gland	+	+	+	+	+	+	+	+	8
Inflammation, Chronic				1					1 1.0

Urinary System

Kidney	+	+	+	+	+	+	+	+	8
Renal Tubule, Hyperplasia				1					1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	8
Dilatation	2								1 2.0

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Date Report Requested: 10/23/2014
 Time Report Requested: 09:17:21
 First Dose M/F: NA / NA
 Lab: NCTR

**F 344/NCTR Rat Male
 7.4 PPM Acryl M**

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

Alimentary System

Liver + 1
 Tension Lipidosis X 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Epididymis + + + + + + + + 8
 Exfoliated Germ Cell 2 1 2.0
 Testes + + + + + + + + 8
 Germinal Epith, Degeneration 1 2 2 1.5

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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 Species/Strain: Rat/F 344/NCTR

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Date Report Requested: 10/23/2014
 Time Report Requested: 09:17:21
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male
7.4 PPM Acryl M

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
	1	1	1	1	1	1	1	1
	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							

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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:21
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male
18.5 PPM Acryl M

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
	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1
	3	3	4	4	5	5	6	6	6
	1	2	1	2	1	2	1	2	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
 Testes + + + + + + + + 8
 Germinal Epith, Degeneration 1 1 2 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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:21
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male
18.5 PPM Acryl M

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
	1	1	1	1	1	1	1	1
	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**

NONE
Nervous System

NONE
Respiratory System

NONE
Special Senses System

NONE
Urinary System

NONE

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:21
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male
37 PPM Acryl M

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
	1	1	1	1	1	1	1	1	1
	2	2	3	3	3	3	3	3	3
	9	9	0	0	1	1	2	2	2
	1	2	1	2	1	2	1	2	2
	*TOTALS								

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	+	+	+	8	
Exfoliated Germ Cell	2				2	1			3	1.7
Testes	+	+	+	+	+	+	+	+	8	
Germinal Epith, Degeneration	2			1	1	1			4	1.3

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

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1-4 ..Lesion qualified as:

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Experiment Number: 20313-03
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 Route: DOSED FEED
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
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Date Report Requested: 10/23/2014
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 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male
37 PPM Acryl M

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
	1	1	1	1	1	1	1	1
	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							

NONE
Nervous System

NONE
Respiratory System

NONE
Special Senses System

NONE
Urinary System

NONE

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 Lab: NCTR

F 344/NCTR Rat Male 74 PPM Acryl M	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	1	1	
		9	9	9	9	9	9	0	
		7	7	8	8	9	9	0	
		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 2 1 1 1 2 1 2 1 8 1.4
 Testes + + + + + + + + 8
 Germinal Epith, Degeneration 1 1 1 1 1 1 1 1 7 1.0

Hematopoietic System

NONE

Integumentary System

NONE

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F 344/NCTR Rat Male 74 PPM Acryl M	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	1	1	
		9	9	9	9	9	0	0	
		7	7	8	8	9	9	0	
		1	2	1	2	1	2	1	
		*TOTALS							

Musculoskeletal System

Skeletal Muscle + + + + + + + + 8

Nervous System

Peripheral Nerve + + + + + + + + 8

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

F 344/NCTR Rat Male 185 PPM Acryl M	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
	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0
	5	5	6	6	7	7	8	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
Hepatodiaphragmatic Nodule	X								1
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
Myocardium, Inflammation, Focal			2				1		2 1.5

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

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:21
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male 185 PPM Acryl M	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	5		
	1	2	1	2	1	2	1	2	1		*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		
Exfoliated Germ Cell	3	2	2	2	3	2	3	3	8	2.5	
Hypospermia		1			4		3	2	4	2.5	
Preputial Gland	+	+	+	+	+	+	+	+	8		
Inflammation, Chronic	1		2	1	1	1	1		6	1.2	
Prostate	+	+	+	+	+	+	+	+	8		
Inflammation, Chronic								2	1	2.0	
Seminal Vesicle	+	+	+	+	+	+	+	+	8		
Testes	+	+	+	+	+	+	+	+	8		
Germinal Epith, Degeneration	2	1	3	2	3	2	3	1	8	2.1	
Hematopoietic System											
Bone Marrow	+	+	+	+	+	+	+	+	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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:21
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male 185 PPM Acryl M	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	5		
	1	2	1	2	1	2	1	2	1		
									*TOTALS		
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8		
Spleen	+	+	+	+	+	+	+	+	8		
Pigmentation					4		2			2	3.0
Thymus	+	+	+	+	+	+	+	+	8		
Integumentary System											
Mammary Gland	+	+	+	+	+	+	+	+	8		
Skin	+	+	+	+	+	+	+	+	8		
Musculoskeletal System											
Bone, Femur	+	+	+	+	+	+	+	+	8		
Skeletal Muscle	+	+	+	+	+	+	+	+	8		
Atrophy	1	1	1	1	1	1	1	1		8	1.0
Nervous System											
Brain, Brain Stem	+	+	+	+	+	+	+	+	8		
Brain, Cerebellum	+	+	+	+	+	+	+	+	8		
Brain, Cerebrum	+	+	+	+	+	+	+	+	8		
Peripheral Nerve	+	+	+	+	+	+	+	+	8		
Axon, Degeneration	1	1	1	1	1	1	1	1		8	1.0
Schwann Cell, Degeneration	1	1	1	1	1	1	1	1		8	1.0
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8		
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:21
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Male
185 PPM Acryl M

	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	
	1	1	1	1	1	1	1	1	
	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
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8
Respiratory System									
Lung	+	+	+	+	+	+	+	+	8
Alveolus, Hemorrhage			2	4	2				3 2.7
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8
Special Senses System									
Eye	+	+	+	+	+	+	+	+	8
Harderian Gland	+	+	+	+	+	+	+	+	8
Inflammation, Chronic							1		1 1.0
Urinary System									
Kidney	+	+	+	+	+	+	+	+	8
Urinary Bladder	+	+	+	+	+	+	+	+	8
Dilatation				3	3	3			3 3.0

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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:21
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	0							
		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
	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2
	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
Infiltration Cellular, Lymphocyte				2					1 2.0
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

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	8
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* ..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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female Control Feed F	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			
	1	1	1	1	1	1	1	1	0			
	2	2	2	2	2	2	2	2	0			
	5	5	6	6	7	7	8	8	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			2	2	2		2		1		5	1.8
Inflammation, Suppurative	2					3					2	2.5
Ovary	+	+	+	+	+	+	+	+	+			8
Uterus	+	+	+	+	+	+	+	+	+			8
Dilatation			3								1	3.0
Hematopoietic System												
Bone Marrow	+	+	+	+	+	+	+	+	+			8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+			8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+			8
Spleen	+	+	+	+	+	+	+	+	+			8
Thymus	+	+	+	+	+	+	+	+	+			8
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	*TOTALS
	F 344/NCTR Rat Female	1	1	1	1	1	1	1	
Control Feed F	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	
	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	
	5	5	6	6	7	7	8	8	
	1	2	1	2	1	2	1	2	

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
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8

Special Senses System

Eye	+	+	+	+	+	+	+	+	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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 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	
ANIMAL ID	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
F 344/NCTR Rat Female	0	0	0	0	0	0	0	0	
Control Feed F	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	
	5	5	6	6	7	7	8	8	
	1	2	1	2	1	2	1	2	
	*TOTALS								
Harderian Gland	+	+	+	+	+	+	+	+	8
Urinary System									
Kidney	+	+	+	+	+	+	+	+	8
Cortex, Mineralization	2	2	2	2	3	2	2	2	8 2.1
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	*TOTALS
	F 344/NCTR Rat Female	1	1	1	1	1	1	1	
7.4 PPM Acryl F	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	
	1	1	1	1	1	1	1	1	
	4	4	4	4	4	4	4	4	
	1	1	2	2	3	3	4	4	
	1	2	1	2	1	2	1	2	

Alimentary System

Liver				+				1	
Hepatodiaphragmatic Nodule				X					1
Mesentery							+	1	
Fat, Necrosis							3	1	3.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Ovary								+	1	
Cyst								X		1
Uterus				+	+				2	
Dilatation							3		1	3.0

Hematopoietic System

NONE

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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 7.4 PPM Acryl F	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	
		1	1	1	1	1	1	1	
		4	4	4	4	4	4	4	
		1	1	2	2	3	3	4	
		1	2	1	2	1	2	1	
		*TOTALS							

NONE
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 18.5 PPM Acryl F	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
	1	1	1	1	1	1	1	1	
	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	+		+	2
Left Lat Lobe, Developmental Malformation	X		X	2

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node	+			1
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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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 18.5 PPM Acryl F	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	
		1	1	1	1	1	1	1	
		1	1	1	1	1	2	2	
		7	7	8	8	9	9	0	
		1	2	1	2	1	2	1	
		*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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST		0	0	0	0	0	0	0	0
F 344/NCTR Rat Female 37 PPM Acryl F		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
	1	1	1	1	1	1	1	1	
	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									

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: 20313-03

Test Type: 90-DAY

Route: DOSED FEED

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: 09:17:22

First Dose M/F: NA / NA

Lab: NCTR

F 344/NCTR Rat Female 37 PPM Acryl F	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	
		1	1	1	1	1	1	1	
		3	3	3	3	3	3	3	
		3	3	4	4	5	5	6	
		1	2	1	2	1	2	1	
		*TOTALS							

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST								
F 344/NCTR Rat Female 74 PPM Acryl F		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	
		1	1	1	1	1	1	1	1	
		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

Liver + 1
 Left Lat Lobe, Developmental Malformation X 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Ovary + 1
 Cyst X 1

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

Skeletal Muscle + + + + + + + + 8

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Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST								
F 344/NCTR Rat Female 74 PPM Acryl F		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	
		1	1	1	1	1	1	1	1	
		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

Nervous System

Peripheral Nerve	+	+	+	+	+	+	+	+	8	
Axon, Degeneration	1	1							2	1.0
Schwann Cell, Degeneration	1	1							2	1.0

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	*TOTALS
	F 344/NCTR Rat Female	1	1	1	1	1	1	1	
185 PPM Acryl F	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	
	1	1	1	1	1	1	1	1	
	0	0	1	1	1	1	1	1	
	9	9	0	0	1	1	2	2	
	1	2	1	2	1	2	1	2	

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
Inflammation, Chronic Active				1					1 1.0
Vacuolization Cytoplasmic				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
Myocardium, Inflammation, Focal					1				1 1.0

Endocrine System

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Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:22
 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 185 PPM Acryl F	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		
	1	1	1	1	1	1	1	1	1		
	0	0	1	1	1	1	1	1	1		
	9	9	0	0	1	1	2	2	2		
	1	2	1	2	1	2	1	2	2		
										*TOTALS	
Spleen	+	+	+	+	+	+	+	+	+	8	
Thymus	+	+	+	+	+	+	+	+	+	8	
Integumentary System											
Mammary Gland	+	+	+	+	+	+	+	+	+	8	
Skin	+	+	+	+	+	+	+	+	+	8	
Musculoskeletal System											
Bone, Femur	+	+	+	+	+	+	+	+	+	8	
Skeletal Muscle	+	+	+	+	+	+	+	+	+	8	
Atrophy	1	1	1	1	1	1		1		7	1.0
Nervous System											
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	8	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	8	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	8	
Peripheral Nerve	+	+	+	+	+	+	+	+	+	8	
Axon, Degeneration	1	1	1	1	1	1	1	1	1	8	1.0
Schwann Cell, Degeneration	1	1	1	1	1	1	1	1	1	8	1.0
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	8	
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	8	
Axon, Degeneration	1									1	1.0
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	8	
Respiratory System											

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Experiment Number: 20313-03
 Test Type: 90-DAY
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 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Acrylamide
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 First Dose M/F: NA / NA
 Lab: NCTR

F 344/NCTR Rat Female 185 PPM Acryl F	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		
	1	1	1	1	1	1	1	1	0		
	0	0	1	1	1	1	1	1	0		
	9	9	0	0	1	1	2	2	0		
	1	2	1	2	1	2	1	2	0		
									*TOTALS		
Lung	+	+	+	+	+	+	+	+	8		
Alveolus, Hemorrhage			3					2	2	2.5	
Nose	+	+	+	+	+	+	+	+	8		
Trachea	+	+	+	+	+	+	+	+	8		
Special Senses System											
Eye	+	+	+	+	+	+	+	+	8		
Retina, Degeneration			3						1	3.0	
Harderian Gland	+	+	+	+	+	+	+	+	8		
Inflammation, Chronic			1						1	1.0	
Urinary System											
Kidney	+	+	+	+	+	+	+	+	8		
Cortex, Mineralization	3	1	3	3	2	2	2	2	8	2.3	
Urinary Bladder	+	+	+	+	+	+	M	+	7		
Dilatation		2			2	3			3	2.3	

**** END OF REPORT ****

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