

**Experiment Number:** 20313 - 03  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** RATS/F 344/NCTR

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

**Date Report Requested:** 09/22/2016  
**Time Report Requested:** 07:57:14  
**First Dose M/F:** 08/09/04 / 08/09/04  
**Lab:** NCTR

**NTP Study Number:** C20313B  
**Lock Date:** 03/06/2013  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

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

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 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS-NCTR RATS MALE</b>	1	1	1	1	1	1	1
<b>Control Feed M</b>	0	0	0	0	0	0	0	0
<b>ANIMAL ID</b>	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
								<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Large, Colon	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	<b>8</b>	
Liver	+	+	+	+	+	+	+	+	<b>8</b>	
Infiltration Cellular, Lymphocyte								1		<b>1 1.0</b>
Pancreas	+	+	+	+	+	+	+	+	<b>8</b>	
Salivary Glands	+	+	+	+	+	+	+	+	<b>8</b>	
Stomach, Forestomach	+	+	+	+	+	+	+	+	<b>8</b>	
Stomach, Glandular	+	+	+	+	+	+	+	+	<b>8</b>	
Tongue	+	+	+	+	+	+	+	+	<b>8</b>	

**CARDIOVASCULAR SYSTEM**

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

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

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 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE Control Feed 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				
	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				
	<b>* TOTALS</b>											
Blood Vessel	+	+	+	+	+	+	+	+				<b>8</b>
Heart	+	+	+	+	+	+	+	+				<b>8</b>
Myocardium, Inflammation, Focal	1		1		1							<b>3 1.0</b>
<b>ENDOCRINE SYSTEM</b>												
Adrenal Cortex	+	+	+	+	+	+	+	+				<b>8</b>
Vacuolization Cytoplasmic			2	3								<b>2 2.5</b>
Adrenal Medulla	+	+	+	+	+	+	+	+				<b>8</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+				<b>8</b>
Parathyroid Gland	M	+	+	+	+	+	+	+				<b>7</b>
Pituitary Gland	+	+	+	+	+	+	+	+				<b>8</b>
Pars Distalis, Cyst								X				<b>1</b>
Thyroid Gland	+	+	+	+	+	+	+	+				<b>8</b>
<b>GENERAL BODY SYSTEM</b>												
NONE												
<b>GENITAL SYSTEM</b>												
Epididymis	+	+	+	+	+	+	+	+				<b>8</b>
Preputial Gland	+	+	+	+	+	+	+	+				<b>8</b>

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FISCHER 344 RATS-NCTR RATS MALE Control Feed 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	1		
	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		
	<b>* TOTALS</b>										
Inflammation, Suppurative	2					2		2			<b>3 2.0</b>
Prostate	+	+	+	+	+	+	+	+			<b>8</b>
Seminal Vesicle	+	+	+	+	+	+	+	+			<b>8</b>
Testes	+	+	+	+	+	+	+	+			<b>8</b>
<b>HEMATOPOIETIC SYSTEM</b>											
Bone Marrow	+	+	+	+	+	+	+	+			<b>8</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+			<b>8</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+			<b>8</b>
Spleen	+	+	+	+	+	+	+	+			<b>8</b>
Thymus	+	+	+	+	+	+	+	+			<b>8</b>
Hemorrhage			2								<b>1 2.0</b>
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	M	+	+	+			<b>7</b>
Skin	+	+	+	+	+	+	+	+			<b>8</b>
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone, Femur	+	+	+	+	+	+	+	+			<b>8</b>

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DAY ON TEST	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
FISCHER 344 RATS-NCTR RATS MALE	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
Control Feed M	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
ANIMAL ID	2	2	2	2	2	2	2	2	
	1	1	2	2	3	3	4	4	
	1	2	1	2	1	2	1	2	
									<b>* TOTALS</b>
Skeletal Muscle	+	+	+	+	+	+	+	+	<b>8</b>
<b>NERVOUS SYSTEM</b>									
Brain, Brain Stem	+	+	+	+	+	+	+	+	<b>8</b>
Brain, Cerebellum	+	+	+	+	+	+	+	+	<b>8</b>
Brain, Cerebrum	+	+	+	+	+	+	+	+	<b>8</b>
Peripheral Nerve	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	<b>8</b>
<b>RESPIRATORY SYSTEM</b>									
Lung	+	+	+	+	+	+	+	+	<b>8</b>
Alveolus, Inflammation, Focal		1							<b>1 1.0</b>
Nose	+	+	+	+	+	+	+	+	<b>8</b>
Trachea	+	+	+	+	+	+	+	+	<b>8</b>
<b>SPECIAL SENSES SYSTEM</b>									
Eye	+	+	+	+	+	+	+	+	<b>8</b>

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DAY ON TEST	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	0	0	0	0	0	0	0	0	
<b>Control Feed M</b>	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	
									<b>* TOTALS</b>
Harderian Gland Inflammation, Chronic	+	+	+	+	+	+	+	+	8 1 1.0
<b>URINARY SYSTEM</b>									
Kidney Renal Tubule, Hyperplasia	+	+	+	+	+	+	+	+	8 1 1.0
Urinary Bladder Dilatation	+	+	+	+	+	+	+	+	8 1 2.0

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		0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	DAY ON TEST	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	
	<b>7.4 PPM Acryl M</b>									
	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	
<b>* TOTALS</b>										

**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 Epithelium, Degeneration	1							2		2 1.5

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

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 Lab: NCTR

<b>FISCHER 344 RATS-NCTR RATS          MALE          7.4 PPM Acryl M</b>	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		
		1	1	1	1	1	1	1		
		3	3	3	3	3	4	4		
		7	7	8	8	9	9	0		
		1	2	1	2	1	2	1		
<b>* TOTALS</b>										

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

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 Lab: NCTR

	DAY ON TEST								
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
<b>18.5 PPM Acryl M</b>	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	
									<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	<b>1</b>
Left Lateral Lobe, Developmental Malformation	X	<b>1</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	<b>8</b>
Testes	+	+	+	+	+	+	+	+	<b>8</b>
Germinal Epithelium, Degeneration				1		1			<b>2 1.0</b>

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

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<b>FISCHER 344 RATS-NCTR RATS          MALE</b>  <b>18.5 PPM Acryl M</b>	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		
		1	1	1	1	1	1	1		
		1	1	1	1	1	1	1		
		3	3	4	4	5	5	6		
		1	2	1	2	1	2	1		
<b>* TOTALS</b>										

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

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		0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	DAY ON TEST	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	
	<b>37 PPM Acryl M</b>									
	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	
<b>* TOTALS</b>										

**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 Epithelium, Degeneration	2			1	1	1			4	1.3

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

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	DAY ON TEST	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	
<b>FISCHER 344 RATS-NCTR RATS MALE</b>		0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	
<b>37 PPM Acryl M</b>		0	0	0	0	0	0	0	0	
	ANIMAL ID	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	
		<b>* TOTALS</b>								

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

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 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	
	<b>FISCHER 344 RATS-NCTR RATS MALE</b>	1	1	1	1	1	1	1	1
<b>74 PPM Acryl M</b>	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	
	0	0	0	0	0	0	1	1	
	9	9	9	9	9	9	0	0	
	7	7	8	8	9	9	0	0	
	1	2	1	2	1	2	1	2	
									<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver										1
Left Lateral Lobe, Developmental Malformation										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 Epithelium, Degeneration	1	1	1		1	1	1	1	7 1.0

**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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

		0	0	0	0	0	0	0	0
	DAY ON TEST	1	1	1	1	1	1	1	1
<b>FISCHER 344 RATS-NCTR RATS MALE</b>		0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
<b>74 PPM Acryl M</b>		0	0	0	0	0	0	0	0
	ANIMAL ID	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	
									<b>* TOTALS</b>

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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 + .. Tissue examined microscopically M .. Missing tissue  
 X .. Lesion present A .. Autolysis precludes evaluation  
 I .. Insufficient tissue BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
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Experiment Number: 20313 - 03  
 Test Type: 90-DAY  
 Route: DOSED FEED  
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Acrylamide  
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Date Report Requested: 09/22/2016  
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 Lab: NCTR

FISCHER 344 RATS-NCTR RATS 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	
	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	
<b>* TOTALS</b>									

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	<b>8</b>
Liver	+	+	+	+	+	+	+	+	<b>8</b>
Hepatodiaphragmatic Nodule	X								<b>1</b>
Necrosis, Focal			2	1					<b>2 1.5</b>
Pancreas	+	+	+	+	+	+	+	+	<b>8</b>
Salivary Glands	+	+	+	+	+	+	+	+	<b>8</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	<b>8</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	<b>8</b>
Tongue	+	+	+	+	+	+	+	+	<b>8</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
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 X .. Lesion present  
 I .. Insufficient tissue  
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 1) Minimal 3) Moderate  
 2) Mild 4) Marked

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

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0
	FISCHER 344 RATS-NCTR RATS MALE	1	1	1	1	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0
	185 PPM Acryl M	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
								<b>* TOTALS</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	<b>8</b>
Heart	+	+	+	+	+	+	+	+	<b>8</b>
Myocardium, Inflammation, Focal		2					1		<b>2 1.5</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	<b>8</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	<b>8</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	<b>8</b>
Parathyroid Gland	+	+	+	+	+	+	+	+	<b>8</b>
Pituitary Gland	+	+	+	+	+	+	+	+	<b>8</b>
Thyroid Gland	+	+	+	+	+	+	+	+	<b>8</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	<b>8</b>
Exfoliated Germ Cell	3	2	2	2	3	2	3	3	<b>8 2.5</b>
Hypospermia		1			4		3	2	<b>4 2.5</b>

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

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 185 PPM Acryl M	DAY ON TEST								ANIMAL ID			
	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1				
	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1				
	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1				
	0 5 1	0 5 2	0 6 1	0 6 2	0 7 1	0 7 2	0 8 1	0 8 2				
	<b>* TOTALS</b>											
Preputial Gland Inflammation, Chronic	+	+	+	+	+	+	+	+				8 6 1.2
Prostate Inflammation, Chronic	+	+	+	+	+	+	+	+		2		8 1 2.0
Seminal Vesicle	+	+	+	+	+	+	+	+				8
Testes Germinal Epithelium, Degeneration	+	+	+	+	+	+	+	+				8 8 2.1
<b>HEMATOPOIETIC SYSTEM</b>												
Bone Marrow	+	+	+	+	+	+	+	+				8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+				8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+				8
Spleen Pigmentation	+	+	+	+	+	+	+	+		4	2	8 2 3.0
Thymus	+	+	+	+	+	+	+	+				8
<b>INTEGUMENTARY SYSTEM</b>												
Mammary Gland	+	+	+	+	+	+	+	+				8
Skin	+	+	+	+	+	+	+	+				8

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1-4 .. Lesion qualified as:  
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Experiment Number: 20313 - 03  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	ANIMAL ID
	1	1	1	1	1	1	1	1	
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	0	0	0	0	0	0	0	0	
<b>185 PPM Acryl M</b>	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	
<b>* TOTALS</b>									

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+	+	+	+	+	+	+	+	<b>8</b>
Skeletal Muscle Atrophy	+	+	+	+	+	+	+	+	<b>8</b>
	1	1	1	1	1	1	1	1	<b>8 1.0</b>

**NERVOUS SYSTEM**

Brain, Brain Stem	+	+	+	+	+	+	+	+	<b>8</b>
Brain, Cerebellum	+	+	+	+	+	+	+	+	<b>8</b>
Brain, Cerebrum	+	+	+	+	+	+	+	+	<b>8</b>
Peripheral Nerve	+	+	+	+	+	+	+	+	<b>8</b>
Axon, Degeneration	1	1	1	1	1	1	1	1	<b>8 1.0</b>
Schwann Cell, Degeneration	1	1	1	1	1	1	1	1	<b>8 1.0</b>
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	<b>8</b>

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	<b>8</b>
Alveolus, Hemorrhage			2	4	2				<b>3 2.7</b>

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

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 185 PPM Acryl M	DAY ON TEST								ANIMAL ID		
	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1			
	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		
	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	2		
	<b>* TOTALS</b>										
Nose	+	+	+	+	+	+	+	+	+		<b>8</b>
Trachea	+	+	+	+	+	+	+	+	+		<b>8</b>
<b>SPECIAL SENSES SYSTEM</b>											
Eye	+	+	+	+	+	+	+	+	+		<b>8</b>
Harderian Gland Inflammation, Chronic	+	+	+	+	+	+	+	+	+	1	<b>8</b> <b>1 1.0</b>
<b>URINARY SYSTEM</b>											
Kidney	+	+	+	+	+	+	+	+	+		<b>8</b>
Urinary Bladder Dilatation	+	+	+	+	+	+	+	+	+	3 3 3	<b>8</b> <b>3 3.0</b>

\*\*\* END OF MALE DATA \*\*\*

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

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

		0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS-NCTR RATS FEMALE</b>	DAY ON TEST	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
<b>Control Feed F</b>	ANIMAL ID	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	
<b>* TOTALS</b>										

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Large, Colon	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	<b>8</b>	
Liver	+	+	+	+	+	+	+	+	<b>8</b>	
Infiltration Cellular, Lymphocyte				2						<b>1 2.0</b>
Left Lateral Lobe, Developmental Malformation							X			<b>1</b>
Pancreas	+	+	+	+	+	+	+	+	<b>8</b>	
Salivary Glands	+	+	+	+	+	+	+	+	<b>8</b>	
Stomach, Forestomach	+	+	+	+	+	+	+	+	<b>8</b>	
Stomach, Glandular	+	+	+	+	+	+	+	+	<b>8</b>	
Tongue	+	+	+	+	+	+	+	+	<b>8</b>	

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

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

		0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS-NCTR RATS FEMALE</b>	DAY ON TEST	1	1	1	1	1	1	1	1	
	<b>Control Feed F</b>	0	0	0	0	0	0	0	0	
	ANIMAL ID	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	
<b>* TOTALS</b>										

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	<b>8</b>
Heart	+	+	+	+	+	+	+	+	<b>8</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	<b>8</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	<b>8</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	<b>8</b>
Parathyroid Gland	+	+	+	+	+	+	+	+	<b>8</b>
Pituitary Gland	+	+	+	+	+	+	+	+	<b>8</b>
Thyroid Gland	+	+	+	+	+	+	+	+	<b>8</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	<b>8</b>	
Inflammation, Suppurative	2				3					<b>2 2.5</b>
Inflammation, Chronic		2	2	2		2		1		<b>5 1.8</b>

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

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

Date Report Requested: 09/22/2016  
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 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS FEMALE Control Feed F	DAY ON TEST								ANIMAL ID		
	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2			
	0 1 2 5 1	0 1 2 5 2	0 1 2 6 1	0 1 2 6 2	0 1 2 7 1	0 1 2 7 2	0 1 2 8 1	0 1 2 8 2			<b>* TOTALS</b>
Ovary	+	+	+	+	+	+	+	+			<b>8</b>
Uterus Dilatation	+	+	+	+	+	+	+	+	3		<b>8</b> <b>1 3.0</b>
<b>HEMATOPOIETIC SYSTEM</b>											
Bone Marrow	+	+	+	+	+	+	+	+			<b>8</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+			<b>8</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+			<b>8</b>
Spleen	+	+	+	+	+	+	+	+			<b>8</b>
Thymus	+	+	+	+	+	+	+	+			<b>8</b>
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	+	+	+	+			<b>8</b>
Skin	+	+	+	+	+	+	+	+			<b>8</b>
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone, Femur	+	+	+	+	+	+	+	+			<b>8</b>
Skeletal Muscle	+	+	+	+	+	+	+	+			<b>8</b>
<b>NERVOUS SYSTEM</b>											

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Experiment Number: 20313 - 03  
 Test Type: 90-DAY  
 Route: DOSED FEED  
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Acrylamide  
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Date Report Requested: 09/22/2016  
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 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS 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	
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
	5	5	6	6	7	7	8	8	8	8	
	1	2	1	2	1	2	1	2	2	2	
	<b>* TOTALS</b>										
Brain, Brain Stem	+	+	+	+	+	+	+	+			<b>8</b>
Brain, Cerebellum	+	+	+	+	+	+	+	+			<b>8</b>
Brain, Cerebrum	+	+	+	+	+	+	+	+			<b>8</b>
Peripheral Nerve	+	+	+	+	+	+	+	+			<b>8</b>
Spinal Cord, Cervical	+	+	+	+	+	+	+	+			<b>8</b>
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+			<b>8</b>
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+			<b>8</b>
<b>RESPIRATORY SYSTEM</b>											
Lung	+	+	+	+	+	+	+	+			<b>8</b>
Nose	+	+	+	+	+	+	+	+			<b>8</b>
Trachea	+	+	+	+	+	+	+	+			<b>8</b>
<b>SPECIAL SENSES SYSTEM</b>											
Eye	+	+	+	+	+	+	+	+			<b>8</b>
Harderian Gland	+	+	+	+	+	+	+	+			<b>8</b>
<b>URINARY SYSTEM</b>											
Kidney	+	+	+	+	+	+	+	+			<b>8</b>

\* .. 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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS FEMALE Control Feed F	DAY ON TEST								
	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	
	ANIMAL ID								
	0 1 2 5 1	0 1 2 5 2	0 1 2 6 1	0 1 2 6 2	0 1 2 7 1	0 1 2 7 2	0 1 2 8 1	0 1 2 8 2	
Cortex, Mineralization	2	2	2	2	3	2	2	2	<b>* TOTALS</b>
	<b>8 2.1</b>								
Urinary Bladder	+	+	+	+	+	+	+	+	<b>8</b>

\* .. 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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
Time Report Requested: 07:57:14  
First Dose M/F: 08/09/04 / 08/09/04  
Lab: NCTR

FISCHER 344 RATS-NCTR RATS 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	1
	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	
	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	2	
<b>* TOTALS</b>										

### ALIMENTARY SYSTEM

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

### CARDIOVASCULAR SYSTEM

NONE

### ENDOCRINE SYSTEM

NONE

### GENERAL BODY SYSTEM

NONE

### GENITAL SYSTEM

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

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

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
<b>FISCHER 344 RATS-NCTR RATS FEMALE</b>	0	0	0	0	0	0	0	0	
<b>7.4 PPM Acryl F</b>	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	
									<b>* TOTALS</b>

NONE

**INTEGUMENTARY SYSTEM**

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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

		0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS-NCTR RATS FEMALE</b>	DAY ON TEST	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
<b>18.5 PPM Acryl F</b>	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	
<b>* TOTALS</b>										

**ALIMENTARY SYSTEM**

Liver	+		+							2
Left Lateral Lobe, Developmental Malformation	X		X							2

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

Lymph Node	+									1
------------	---	--	--	--	--	--	--	--	--	---

**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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

<b>FISCHER 344 RATS-NCTR RATS FEMALE</b>	DAY ON TEST	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	
<b>18.5 PPM Acryl F</b>	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	
									<b>* TOTALS</b>

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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS-NCTR RATS FEMALE</b>	1	1	1	1	1	1	1
<b>37 PPM Acryl F</b>	0	0	0	0	0	0	0	0
ANIMAL ID	2	2	2	2	2	2	2	2
	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
								<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver									+	1	
Left Lateral 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**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically M .. Missing tissue  
 X .. Lesion present A .. Autolysis precludes evaluation  
 I .. Insufficient tissue 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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

<b>FISCHER 344 RATS-NCTR RATS FEMALE</b> <b>37 PPM Acryl F</b>	DAY ON TEST	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	
		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	
<b>* TOTALS</b>									

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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

		0	0	0	0	0	0	0	0	
	DAY ON TEST	1	1	1	1	1	1	1	1	
<b>FISCHER 344 RATS-NCTR RATS FEMALE</b>		0	0	0	0	0	0	0	0	
<b>74 PPM Acryl F</b>		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	
<b>* TOTALS</b>										

**ALIMENTARY SYSTEM**

Liver	+	1	
Left Lateral 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**

\* .. 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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS FEMALE 74 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		
	2	2	2	2	2	2	2	2		
	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		
										<b>* TOTALS</b>
Skeletal Muscle	+	+	+	+	+	+	+	+		<b>8</b>
<b>NERVOUS SYSTEM</b>										
Peripheral Nerve	+	+	+	+	+	+	+	+		<b>8</b>
Axon, Degeneration	1	1								<b>2 1.0</b>
Schwann Cell, Degeneration	1	1								<b>2 1.0</b>
<b>RESPIRATORY SYSTEM</b>										
NONE										
<b>SPECIAL SENSES SYSTEM</b>										
NONE										
<b>URINARY SYSTEM</b>										
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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

		0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS-NCTR RATS FEMALE</b>	DAY ON TEST	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
<b>185 PPM Acryl F</b>	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	
<b>* TOTALS</b>										

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Large, Colon	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	<b>8</b>	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	<b>8</b>	
Liver	+	+	+	+	+	+	+	+	<b>8</b>	
Inflammation, Chronic Active				1						<b>1 1.0</b>
Vacuolization Cytoplasmic				2	1					<b>2 1.5</b>
Pancreas	+	+	+	+	+	+	+	+	<b>8</b>	
Salivary Glands	+	+	+	+	+	+	+	+	<b>8</b>	
Stomach, Forestomach	+	+	+	+	+	+	+	+	<b>8</b>	
Stomach, Glandular	+	+	+	+	+	+	+	+	<b>8</b>	
Tongue	+	+	+	+	+	+	+	+	<b>8</b>	

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

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

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

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS-NCTR RATS FEMALE</b>	1	1	1	1	1	1	1
<b>185 PPM Acryl F</b>	0	0	0	0	0	0	0	0
<b>ANIMAL ID</b>	2	2	2	2	2	2	2	2
	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
								<b>* TOTALS</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	<b>8</b>
Heart	+	+	+	+	+	+	+	+	<b>8</b>
Myocardium, Inflammation, Focal							1		<b>1 1.0</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	<b>8</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	<b>8</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	<b>8</b>
Parathyroid Gland	+	+	+	+	+	+	+	+	<b>8</b>
Pituitary Gland	+	+	+	+	+	+	+	+	<b>8</b>
Thyroid Gland	+	+	+	+	+	+	+	+	<b>8</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	<b>8</b>
Inflammation, Suppurative	3							3	<b>2 3.0</b>
Inflammation, Chronic				2	2	1			<b>3 1.7</b>

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 + .. 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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS FEMALE 185 PPM Acryl F	DAY ON TEST								ANIMAL ID			
	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2				
	0 1 0 9 1	0 1 0 9 2	0 1 0 0 1	0 1 0 0 2	0 1 0 1 1	0 1 0 1 2	0 1 0 1 1	0 1 0 2 2	0 1 1 1 2			
	<b>* TOTALS</b>											
Ovary	+											8
Cyst	X											3
Uterus	+											8
Dilatation											3	2 2.5
<b>HEMATOPOIETIC SYSTEM</b>												
Bone Marrow	+											8
Atrophy, Focal											1	1 1.0
Lymph Node, Mandibular	+											8
Lymph Node, Mesenteric	+											8
Spleen	+											8
Thymus	+											8
<b>INTEGUMENTARY SYSTEM</b>												
Mammary Gland	+											8
Skin	+											8
<b>MUSCULOSKELETAL SYSTEM</b>												
Bone, Femur	+											8
Skeletal Muscle	+											8

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 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: RATS/F 344/NCTR

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

Date Report Requested: 09/22/2016  
 Time Report Requested: 07:57:14  
 First Dose M/F: 08/09/04 / 08/09/04  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS 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
	2	2	2	2	2	2	2	2	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	0	0	0
	0	0	1	1	1	1	1	1	0	0	0
	9	9	0	0	1	1	2	2	0	0	0
	1	2	1	2	1	2	1	2	0	0	0
	<b>* TOTALS</b>										
Atrophy	1	1	1	1	1	1		1			<b>7 1.0</b>

### NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+			<b>8</b>
Brain, Cerebellum	+	+	+	+	+	+	+	+			<b>8</b>
Brain, Cerebrum	+	+	+	+	+	+	+	+			<b>8</b>
Peripheral Nerve	+	+	+	+	+	+	+	+			<b>8</b>
Axon, Degeneration	1	1	1	1	1	1	1	1			<b>8 1.0</b>
Schwann Cell, Degeneration	1	1	1	1	1	1	1	1			<b>8 1.0</b>
Spinal Cord, Cervical	+	+	+	+	+	+	+	+			<b>8</b>
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+			<b>8</b>
Axon, Degeneration	1										<b>1 1.0</b>
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+			<b>8</b>

### RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+			<b>8</b>
Alveolus, Hemorrhage			3					2			<b>2 2.5</b>
Nose	+	+	+	+	+	+	+	+			<b>8</b>
Trachea	+	+	+	+	+	+	+	+			<b>8</b>

### SPECIAL SENSES SYSTEM

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FISCHER 344 RATS-NCTR RATS FEMALE 185 PPM Acryl F	DAY ON TEST								ANIMAL ID			
	0 1 0 2	0 1 0 2	0 1 0 1	0 1 0 2	0 1 0 1	0 1 0 2	0 1 0 1	0 1 0 2				
	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				
	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				
	<b>* TOTALS</b>											
Eye	+	+	+	+	+	+	+	+			<b>8</b>	
Retina, Degeneration			3									<b>1 3.0</b>
Harderian Gland	+	+	+	+	+	+	+	+			<b>8</b>	
Inflammation, Chronic			1									<b>1 1.0</b>
<b>URINARY SYSTEM</b>												
Kidney	+	+	+	+	+	+	+	+			<b>8</b>	
Cortex, Mineralization	3	1	3	3	2	2	2	2				<b>8 2.3</b>
Urinary Bladder	+	+	+	+	+	+	M	+			<b>7</b>	
Dilatation		2			2	3						<b>3 2.3</b>

\*\*\* END OF REPORT \*\*\*

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