#### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide CAS Number: 79-06-1 Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

NTP Study Number:	C20313
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

Note: Animals arranged according to days on test.

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

DAY ON TES	T 0 1 0	0 1 0 1								
IALE CONTROL ANIMAL I	0	1 0 4 1 2	0 0 4 2 1	0 0 4 2 2	0 0 4 3 1	1 0 4 3 2	1 0 4 4 1	0 0 4 4 2		* TOTALS
LIMENTARY SYSTEM				<u> </u>					I	TOTALS
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
Pancreas	+	+	+	+	+	+	+	+		8
Salivary Glands	+	+	+	+	+	+	+	+		8
Stomach, Forestomach	+	+	+	+	+	+	+	+		8
Stomach, Glandular	+	+	+	+	+	+	+	+		8
Tongue	+	+	+	+	+	+	+	+		8
CARDIOVASCULAR SYSTEM										
Blood Vessel	+	+	+	+	+	+	+	+		8
* Total animals with tissue examined + Tissue examined microscopically X Lesion present I Insufficient tissue	nicroscop	bically	/; Tota	al anii	mals	with t	umor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 2	

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TEST FISCHER 344 RATS-NCTR RATS MALE	0 1 0 1								
CONTROL ANIMAL ID	0 0 4 1 1	0 0 4 1 2	0 0 4 2 1	0 0 4 2 2	0 0 4 3 1	0 0 4 3 2	0 0 4 4 1	0 0 4 4 2	* TOTALS
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	+	+	+	+	+	+	8
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	8
GENERAL BODY SYSTEM									
GENITAL SYSTEM									
Epididymis	+	+	+	+	+	+	+	+	8
Preputial Gland	+	+	+	+	+	+	+	+	8
Prostate	+	+	+	+	+	+	+	+	8
Seminal Vesicle	+	+	+	+	+	+	+	+	8
Testes	+	+	+	+	+	+	+	+	8

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TEST FISCHER 344 RATS-NCTR RATS MALE	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	
CONTROL ANIMAL ID	0 0 4 1	0 0 4 1 2	0 0 4 2 1	0 0 4 2 2	0 0 4 3 1	0 0 4 3 2	0 0 4 4 1	0 0 4 4 2	* TOTA
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	8
Thymus	+	+	+	+	+	+	+	+	8
NTEGUMENTARY 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

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

-

FISCHER 344 RATS-N MALE	DAY ON TEST CTR RATS	0 1 0 1									
CONTROL	ANIMAL ID	0 0 4 1 1	0 0 4 1 2	0 0 4 2 1	0 0 4 2 2	0 0 4 3 1	0 0 4 3 2	0 0 4 4 1	0 0 4 4 2		* TOTALS
Peripheral Nerve		+	+	+	+	+	+	+	+		8
Spinal Cord, Cervical		+	+	+	+	+	+	+	+		8
Spinal Cord, Lumbar		+	+	+	+	+	+	+	+		8
Spinal Cord, Thoracic		+	+	+	+	+	+	+	+		8
RESPIRATORY SYSTE	EM										
Lung		+	+	+	+	+	+	+	+		8
Nose		+	+	+	+	+	+	+	+		8
Trachea		+	+	+	+	+	+	+	+		8
SPECIAL SENSES SYS	STEM				_						
Eye		+	+	+	+	+	+	+	+		8
Harderian Gland		+	+	+	+	+	+	+	+		8
URINARY SYSTEM											
Kidney		+	+	+	+	+	+	+	+		8
Urinary Bladder		+	+	+	+	+	+	+	+		8
SYSTEMIC LESIONS						-					
Multiple Organ		+	+	+	+	+	+	+	+		8
* Total animals wi + Tissue examined X Lesion present I Insufficient tissue		oscop	bically	/; Tot	al ani	mals	with tu	umor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 5	

Experiment Number: 20313 - 01 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Date Report Requested: 09/21/2016 Test Type: 90-DAY Time Report Requested: 15:04:22 Acrylamide Route: DOSED WATER CAS Number: 79-06-1 First Dose M/F: 07/12/04 / 07/12/04 Species/Strain: RATS/F 344/NCTR Lab: NCTR DAY ON TEST **FISCHER 344 RATS-NCTR RATS** 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**

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Experiment Number: 20313 - 01 Date Report Requested: 09/21/2016 Test Type: 90-DAY Time Report Requested: 15:04:22 Acrylamide Route: DOSED WATER CAS Number: 79-06-1 First Dose M/F: 07/12/04 / 07/12/04 Species/Strain: RATS/F 344/NCTR Lab: NCTR DAY ON TEST **FISCHER 344 RATS-NCTR RATS** MALE 10 UG/ML ANIMAL ID \* TOTALS NONE **RESPIRATORY SYSTEM** NONE SPECIAL SENSES SYSTEM NONE **URINARY SYSTEM** NONE SYSTEMIC LESIONS

. . . . . . .

Multiple Organ

0

X .. Lesion present

I .. Insufficient tissue

I .. Insufficient tissue

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

DAY ON TEST FISCHER 344 RATS-NCTR RATS MALE	0 1 0 1									
25 UG/ML ANIMAL ID	0 0 1 7 1	0 0 1 7 2	0 0 1 8 1	0 0 1 8 2	0 0 1 9 1	0 0 1 9 2	0 0 2 0 1	0 0 2 0 2		* TOTALS
ALIMENTARY SYSTEM		1	1		I		1			101/120
Liver								+		1
CARDIOVASCULAR SYSTEM										
NONE										
ENDOCRINE SYSTEM					-					
NONE										
GENERAL BODY SYSTEM					_		-			
NONE										
GENITAL SYSTEM										
Epididymis	+	+	+	+	+	+	+	+		8
Preputial Gland	+									1
Testes	+	+	+	+	+	+	+	+		8
HEMATOPOIETIC SYSTEM										
NONE					-					
INTEGUMENTARY SYSTEM										
NONE										
MUSCULOSKELETAL SYSTEM										
<ul> <li> Total animals with tissue examined mic</li> <li>+ Tissue examined microscopically</li> <li>X Lesion present</li> </ul>	roscop	oically	/; Tot	al ani	mals	with 1	umor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

								_		
FISCHER 344 RATS-N MALE	DAY ON TEST CTR RATS	0 1 0 1								
25 UG/ML	ANIMAL ID	0 0 1 7 1	0 0 1 7 2	0 0 1 8 1	0 0 1 8 2	0 0 1 9 1	0 0 1 9 2	0 0 2 0 1	0 0 2 0 2	* TOTALS
NONE		1				1	1	1		
NERVOUS SYSTEM		-		-	-	-	-			
NONE										
RESPIRATORY SYSTE	EM									
NONE										
SPECIAL SENSES SYS	STEM			-			-			
NONE										
URINARY SYSTEM		-		-	-	-				
NONE										
SYSTEMIC LESIONS										
Multiple Organ		+	+	+	+	+	+	+	+	8

- X .. Lesion present
- I .. Insufficient tissue

<sup>+ ..</sup> Tissue examined microscopically

I .. Insufficient tissue

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

FISCHER 344 RATS- MALE	DAY ON TEST NCTR RATS	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		
50 UG/ML	ANIMAL ID	0 0 0 1 1	0 0 0 1 2	0 0 2 1	0 0 0 2 2	0 0 0 3 1	0 0 0 3 2	0 0 0 4 1	0 0 0 4 2		- * TOTALS
ALIMENTARY SYSTE	EM	•									
NONE											
CARDIOVASCULAR	SYSTEM										
NONE											
ENDOCRINE SYSTE	Μ										
NONE											
GENERAL BODY SY	STEM										
NONE											
GENITAL SYSTEM											
Epididymis		+	+	+	+	+	+	+	+		8
Testes		+	+	+	+	+	+	+	+		8
HEMATOPOIETIC SY	STEM										
NONE					-						
INTEGUMENTARY S	YSTEM										
NONE											
MUSCULOSKELETA	L SYSTEM										
NONE											
	with tissue examined micro ned microscopically nt	oscop	oically	; Tota	al anii	mals	with t	umor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

				_						
DAY FISCHER 344 RATS-NCTR R MALE	ON TEST <b>ATS</b>	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	
<b>50 UG/ML</b>	ANIMAL ID	0 0 0 1 1	0 0 1 2	0 0 0 2 1	0 0 0 2 2	0 0 0 3 1	0 0 0 3 2	0 0 0 4 1	0 0 0 4 2	* TOTALS
NERVOUS SYSTEM		·			-		-	-	-	
NONE										
RESPIRATORY SYSTEM										
NONE										
SPECIAL SENSES SYSTEM										
NONE										
URINARY SYSTEM										
Kidney		+								1
SYSTEMIC LESIONS										
Multiple Organ		+	+	+	+	+	+	+	+	8

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TE FISCHER 344 RATS-NCTR RATS MALE	ST 0 1 0 1	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	
100 UG/ML ANIMAI	- ID 0 2 5 1	0 0 2 5 2	0 0 2 6 1	0 0 2 6 2	0 0 2 7 1	0 0 2 7 2	0 0 2 8 1	0 0 2 8 2	* TOTALS
ALIMENTARY SYSTEM	<b>I</b>								
Liver						+			1
CARDIOVASCULAR SYSTEM									
NONE									
ENDOCRINE SYSTEM									
NONE									
GENERAL BODY SYSTEM									
NONE									
GENITAL SYSTEM									
Epididymis	+	+	+	+	+	+	+	+	8
Preputial Gland								+	1
Testes	+	+	+	+	+	+	+	+	8
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	8
Spleen				_		+	+	+	8

## INTEGUMENTARY SYSTEM

#### NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TEST FISCHER 344 RATS-NCTR RATS MALE	0 1 0 1								
100 UG/ML ANIMAL ID	0 0 2 5 1	0 0 2 5 2	0 0 2 6 1	0 0 2 6 2	0 0 2 7 1	0 0 2 7 2	0 0 2 8 1	0 0 2 8 2	* TOTALS
MUSCULOSKELETAL SYSTEM	<u> </u>	-		-	-	-	-	-	
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Peripheral Nerve	+	+	+	+	+	+	+	+	8
RESPIRATORY SYSTEM									
NONE									
SPECIAL SENSES SYSTEM									
NONE									
URINARY SYSTEM									
NONE				-					
SYSTEMIC LESIONS									
Multiple Organ	+	+	+	+	+	+	+	+	8

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

DAY ON TE FISCHER 344 RATS-NCTR RATS MALE	ST 0 0 1	0 1 0 1								
250 UG/ML ANIMAL	. ID 0 3 3	0 0 3 3 2	0 0 3 4 1	0 0 3 4 2	0 0 3 5 1	0 0 3 5 2	0 0 3 6 1	0 0 3 6 2		* TOTALS
LIMENTARY SYSTEM					1	1				
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
Pancreas	+	+	+	+	+	+	+	+		8
Salivary Glands	+	+	+	+	+	+	+	+		8
Stomach, Forestomach	+	+	+	+	+	+	+	+		8
Stomach, Glandular	+	+	+	+	+	+	+	+		8
Tongue	+	+	+	+	+	+	+	+		8
CARDIOVASCULAR SYSTEM										
Blood Vessel	+	+	+	+	+	+	+	+		8
* Total animals with tissue examined + Tissue examined microscopically X Lesion present I Insufficient tissue	d microsco	picall	y; Tot	al anii	mals	with ti	umor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 14	

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TEST FISCHER 344 RATS-NCTR RATS MALE 250 UG/ML ANIMAL ID	0 1 0 1 0 0 3 3 1	0 1 0 1 0 0 3 3 2	0 1 0 1 0 3 4 1	0 1 0 1 0 0 3 4 2	0 1 0 1 0 3 5 1	0 1 0 1 0 0 3 5 2	0 1 0 1 0 0 3 6 1	0 1 0 1 0 0 3 6 2	
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	+	+	+	+	+	+	8
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	8
GENERAL BODY SYSTEM									
GENITAL SYSTEM									
Epididymis	+	+	+	+	+	+	+	+	8
Preputial Gland	+	+	+	+	+	+	+	+	8
Prostate	+	+	+	+	+	+	+	+	8
Seminal Vesicle	+	+	+	+	+	+	+	+	8
Testes	+	+	+	+	+	+	+	+	8

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TEST FISCHER 344 RATS-NCTR RATS MALE	0 1 0 1								
250 UG/ML ANIMAL ID	0 0 3 3 1	0 0 3 3 2	0 0 3 4 1	0 0 3 4 2	0 0 3 5 1	0 0 3 5 2	0 0 3 6 1	0 0 3 6 2	* TOTALS
HEMATOPOIETIC SYSTEM							-		
Bone Marrow	+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular	+	+	÷	+	+	+	÷	+	8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	8
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

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

FISCHER 344 RATS-I MALE	DAY ON TEST NCTR RATS	0 1 0 1									
250 UG/ML	ANIMAL ID	0 0 3 3 1	0 0 3 3 2	0 0 3 4 1	0 0 3 4 2	0 0 3 5 1	0 0 3 5 2	0 0 3 6 1	0 0 3 6 2	* T(	OTALS
Peripheral Nerve		+	+	+	+	+	+	+	+		8
Spinal Cord, Cervical		+	+	+	+	+	+	+	+		8
Spinal Cord, Lumbar		+	+	+	+	+	+	+	+		8
Spinal Cord, Thoracic		+	+	+	+	+	+	+	+		8
RESPIRATORY SYST	ЕМ										
Lung		+	+	+	+	+	+	+	+		8
Nose		+	+	+	+	+	+	+	+		8
Trachea		+	+	+	+	+	+	+	+		8
SPECIAL SENSES S	<b>(STEM</b>										
Eye		+	+	+	+	+	+	+	+		8
Harderian Gland		+	+	+	+	+	+	+	+		8
JRINARY SYSTEM											
Kidney		+	+	+	+	+	+	+	+		8
Urinary Bladder		+	+	+	+	+	+	+	+		8
SYSTEMIC LESIONS											
Multiple Organ		+	+	+	+	+	+	+	+		8
* Total animals v + Tissue examin X Lesion present I Insufficient tiss	t	oscop	bically	/; Tota	al ani	mals	with to	umor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically e 17	

Acrylamide CAS Number: 79-06-1 Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

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

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

DAY ON FISCHER 344 RATS-NCTR RATE FEMALE		0 1 0 2									
CONTROL	IMAL ID	0 0 4 5 1	0 0 4 5 2	0 0 4 6 1	0 0 4 6 2	0 0 4 7 1	0 0 4 7 2	0 0 4 8 1	0 0 4 8 2		* TOTALS
LIMENTARY 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
Pancreas	-	+	+	+	+	+	+	+	+		8
Salivary Glands	-	+	+	+	+	+	+	+	+		8
Stomach, Forestomach	-	+	+	+	+	+	+	+	+		8
Stomach, Glandular	-	+	+	+	+	+	+	+	+		8
Tongue		+	+	+	+	+	+	+	+		8
CARDIOVASCULAR SYSTEM	-			-	-		-				
Blood Vessel		+	+	+	+	+	+	+	+		8
* Total animals with tissue exar + Tissue examined microscopic X Lesion present I Insufficient tissue		oscop	ically	; Tota	al anir	mals	with t	umor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 19	

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

DAY ON TEST FISCHER 344 RATS-NCTR RATS FEMALE	0 1 0 2									
CONTROL ANIMAL ID	0 0 4 5 1	0 0 4 5 2	0 0 4 6 1	0 0 4 6 2	0 0 4 7 1	0 0 4 7 2	0 0 4 8 1	0 0 4 8 2		* TOTALS
Heart	+	+	+	+	+	+	+	+		8
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
Ovary	+	+	+	+	+	+	+	+		8
Uterus	+	+	+	+	+	+	+	+		8
HEMATOPOIETIC SYSTEM										
Bone Marrow	+	+	+	+	+	+	+	+		8
* Total animals with tissue examined mic + Tissue examined microscopically X Lesion present I Insufficient tissue	rosco	pically	y; Tot	al ani	mals	with t	umor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 20	

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TEST FISCHER 344 RATS-NCTR RATS FEMALE	0 1 0 2								
<b>CONTROL</b> ANIMAL ID	0 0 4 5 1	0 0 4 5 2	0 0 4 6 1	0 0 4 6 2	0 0 4 7 1	0 0 4 7 2	0 0 4 8 1	0 0 4 8 2	* TOTALS
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	8
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

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

FISCHER 344 RATS-NO FEMALE	DAY ON TEST	0 1 0 2								
CONTROL	ANIMAL ID	0 0 4 5 1	0 0 4 5 2	0 0 4 6 1	0 0 4 6 2	0 0 4 7 1	0 0 4 7 2	0 0 4 8 1	0 0 4 8 2	* TOTALS
Spinal Cord, Lumbar		+	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic		+	+	+	+	+	+	+	+	8
RESPIRATORY SYSTE	М									
Lung		+	+	+	+	+	+	+	+	8
Nose		+	+	+	+	+	+	+	+	8
Trachea		+	+	+	+	+	+	+	+	 8
SPECIAL SENSES SYS	TEM		-					-		
Еуе		+	+	+	+	+	+	+	+	8
Harderian Gland		+	+	+	+	+	+	+	+	8
URINARY SYSTEM			-		-		-	-		
Kidney		+	+	+	+	+	+	+	+	8
Urinary Bladder		+	+	+	+	+	+	+	+	8
SYSTEMIC LESIONS						-		-		
Multiple Organ		+	+	+	+	+	+	+	+	8

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

FISCHER 344 RATS-N FEMALE	DAY ON TEST	0 1 0 2								
10 UG/ML	ANIMAL ID	0 0 1 3 1	0 0 1 3 2	0 0 1 4 1	0 0 1 4 2	0 0 1 5 1	0 0 1 5 2	0 0 1 6 1	0 0 1 6 2	* TOTALS
ALIMENTARY SYSTE	M		1	1	1	I	I	I	I	TOTALO
Liver		+					-			1
Mesentery			+							1
CARDIOVASCULAR S	SYSTEM									
NONE										
ENDOCRINE SYSTEM	I									
NONE									-	
GENERAL BODY SYS	ТЕМ									
NONE										
GENITAL SYSTEM										
Uterus					+				-	1
HEMATOPOIETIC SYS	STEM									
NONE						-	-			
INTEGUMENTARY SY	STEM									
NONE					_					
MUSCULOSKELETAL	SYSTEM									

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

3

DAY ON TEST FISCHER 344 RATS-NCTR RATS FEMALE	0 1 0 2									
10 UG/ML ANIMAL ID	0 0 1 3 1	0 0 1 3 2	0 0 1 4 1	0 0 1 4 2	0 0 1 5 1	0 0 1 5 2	0 0 1 6 1	0 0 1 6 2	* TC	DTALS
NERVOUS SYSTEM			-		-					
NONE										
RESPIRATORY SYSTEM										
NONE										
SPECIAL SENSES SYSTEM										
NONE										
URINARY SYSTEM										
NONE										

# SYSTEMIC LESIONS

Multiple Organ

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ +

+

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TEST FISCHER 344 RATS-NCTR RATS FEMALE	0 1 0 2								
25 UG/ML ANIMAL ID	0 0 2 1 1	0 0 2 1 2	0 0 2 2 1	0 0 2 2 2	0 0 2 3 1	0 0 2 3 2	0 0 2 4 1	0 0 2 4 2	* TOTALS
ALIMENTARY SYSTEM	1	1							
Liver					+	+	+		3
CARDIOVASCULAR SYSTEM									
NONE									
ENDOCRINE SYSTEM		-	-		-	-	· · · ·		
NONE									
GENERAL BODY SYSTEM									
NONE						-			
GENITAL SYSTEM									
Clitoral Gland				-			+		1
HEMATOPOIETIC SYSTEM									
NONE		-			_	_			
INTEGUMENTARY SYSTEM									
NONE									
MUSCULOSKELETAL SYSTEM									
NONE			-			-			
NERVOUS SYSTEM									

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TEST FISCHER 344 RATS-NCTR RATS FEMALE	0 1 0 2								
25 UG/ML ANIMAL ID	0 0 2 1 1	0 0 2 1 2	0 0 2 2 1	0 0 2 2 2	0 0 2 3 1	0 0 2 3 2	0 0 2 4 1	0 0 2 4 2	* TOTAL

NONE

#### **RESPIRATORY SYSTEM**

NONE

## SPECIAL SENSES SYSTEM

NONE

## **URINARY SYSTEM**

NONE

## SYSTEMIC LESIONS

Multiple Organ

+ + +

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

3

I .. Insufficient tissue

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

	DAY ON TEST	0	0	0	0	0	0	0	0		
FISCHER 344 RATS- FEMALE	NCTR RATS	02	02	0 2	02	0 2	0 2	0 2	0 2		
50 UG/ML	ANIMAL ID	0 0 0 5 1	0 0 0 5 2	0 0 0 6 1	0 0 0 6 2	0 0 0 7 1	0 0 0 7 2	0 0 0 8 1	0 0 0 8 2		* TOTALS
ALIMENTARY SYSTE	EM										
NONE											
CARDIOVASCULAR	SYSTEM										
NONE											
ENDOCRINE SYSTEM	Μ										
NONE											
GENERAL BODY SY	STEM										
NONE			-								
GENITAL SYSTEM				_		_	_		-		
Uterus					+	-			-		1
HEMATOPOIETIC SY	(STEM										
NONE			-	-		-	-	-			
INTEGUMENTARY S	YSTEM										
NONE											
MUSCULOSKELETA	LSYSTEM										
NONE						-					
NERVOUS SYSTEM											
	with tissue examined micro ned microscopically nt	oscop	bically	; Tot	al anii	mals	with t	umor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TEST FISCHER 344 RATS-NCTR RATS FEMALE	0 1 0 2								
50 UG/ML ANIMAL ID	0 0 0 5 1	0 0 0 5 2	0 0 0 6 1	0 0 0 6 2	0 0 0 7 1	0 0 0 7 2	0 0 0 8 1	0 0 0 8 2	* TOTALS
NONE									

### **RESPIRATORY SYSTEM**

NONE

## SPECIAL SENSES SYSTEM

NONE

## **URINARY SYSTEM**

NONE

## SYSTEMIC LESIONS

Multiple Organ

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+

X .. Lesion present

I .. Insufficient tissue

1

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TES FISCHER 344 RATS-NCTR RATS FEMALE	Г 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	
100 UG/ML ANIMAL IE	0 0 2 9 1	0 0 2 9 2	0 0 3 0 1	0 0 3 0 2	0 0 3 1 1	0 0 3 1 2	0 0 3 2 1	0 0 3 2 2	* TOTALS
ALIMENTARY SYSTEM	·		•						
NONE									
CARDIOVASCULAR SYSTEM									
NONE									
ENDOCRINE SYSTEM	·								
NONE									
GENERAL BODY SYSTEM				i -					
NONE									
GENITAL SYSTEM									
Ovary	+	+	+	+	+	+	+	+	8
Uterus	+	+	+	+	+	+	+	+	8
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	8
INTEGUMENTARY SYSTEM				-					
NONE									
MUSCULOSKELETAL SYSTEM									

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TEST FISCHER 344 RATS-NCTR RATS FEMALE	0 1 0 2								
100 UG/ML ANIMAL ID	0 0 2 9 1	0 0 2 9 2	0 0 3 0 1	0 0 3 0 2	0 0 3 1 1	0 0 3 1 2	0 0 3 2 1	0 0 3 2 2	* TOTALS
Skeletal Muscle	+	+	+	+	+	+	+	+	8
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									
SYSTEMIC LESIONS									
Multiple Organ	+	+	+	+	+	+	+	+	8

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

		0	0 1	0	0	0	0	0	0		
DAY ON		1 0 2	1 0 2	1 0 2	1 0 2	1 0 2	1 0 2	1 0 2	1 0 2		
EMALE 50 UG/ML		0	0 0	0 0	0	0 0	0	0 0	0 0		
ANI	MAL ID	0 3 7 1	3 7 2	3 8 1	3 8 2	3 9 1	3 9 2	4 0 1	4 0 2		* TOTALS
LIMENTARY 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
Pancreas		+	+	+	+	+	+	+	+		8
Salivary Glands		+	+	+	+	+	+	+	+		8
Stomach, Forestomach		+	+	+	+	+	+	+	+		8
Stomach, Glandular		+	+	+	+	+	+	+	+		8
Tongue		+	+	+	+	+	+	+	+		8
CARDIOVASCULAR SYSTEM											
Blood Vessel		+	+	+	+	+	+	+	+		8
* Total animals with tissue exar + Tissue examined microscopic X Lesion present I Insufficient tissue		scopi	cally	; Tota	al anir	nals	with t	umor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 31	

# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

DAY ON TEST FISCHER 344 RATS-NCTR RATS FEMALE	0 1 0 2									
250 UG/ML ANIMAL ID	0 0 3 7 1	0 0 3 7 2	0 0 3 8 1	0 0 3 8 2	0 0 3 9 1	0 0 3 9 2	0 0 4 0 1	0 0 4 0 2		* TOTALS
Heart	+	+	+	+	+	+	+	+		8
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
Ovary	+	+	+	+	+	+	+	+		8
Uterus	+	+	+	+	+	+	+	+		8
HEMATOPOIETIC SYSTEM										
Bone Marrow	+	+	+	+	+	+	+	+		8
* Total animals with tissue examined mi + Tissue examined microscopically X Lesion present I Insufficient tissue	crosco	pically	y; Tot	al ani	mals	with t	umor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 32	

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

DAY ON TEST FISCHER 344 RATS-NCTR RATS FEMALE	0 1 0 2								
250 UG/ML ANIMAL ID	0 0 3 7 1	0 0 3 7 2	0 0 3 8 1	0 0 3 8 2	0 0 3 9 1	0 0 3 9 2	0 0 4 0 1	0 0 4 0 2	* TOTALS
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	8
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

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 09/21/2016 Time Report Requested: 15:04:22 First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

		-	-	-					
DAY ON TEST FISCHER 344 RATS-NCTR RATS FEMALE	0 1 0 2								
250 UG/ML ANIMAL ID	0 0 3 7 1	0 0 3 7 2	0 0 3 8 1	0 0 3 8 2	0 0 3 9 1	0 0 3 9 2	0 0 4 0 1	0 0 4 0 2	* TOTALS
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8
RESPIRATORY SYSTEM									
Lung	+	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM							-	-	
Eye	+	+	+	+	+	+	+	+	8
Harderian Gland	+	+	+	+	+	+	+	+	8
URINARY SYSTEM									
Kidney	+	+	+	+	+	+	+	+	8
Urinary Bladder	+	+	+	+	+	+	+	+	8
SYSTEMIC LESIONS								-	
Multiple Organ	+	+	+	+	+	+	+	+	8

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

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue