Test Type: 90-DAY

Species/Strain: Rat/F 344/NCTR

Route: DOSED WATER

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:33

First Dose M/F: NA / NA

Lab: NCTR

C Number: C20313

Not Entered. **Lock Date:**

Cage Range: ΑII

Date Range: ΑII

Reasons For Removal: ΑII

Removal Date Range: ΑII

Treatment Groups: ΑII

Study Gender: Both

PWG Approval Date NONE

Test Type: 90-DAY

Route: DOSED WATER

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:33

First Dose M/F: NA / NA

Lab: NCTR

F 344/NCTR Rat Male	DAY ON TEST	0 1 0								
CONTROL		0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	Ŏ	0	0	0	
		4 1 1	4 1 2	4 2 1	4 2 2	4 3 1	4 3 2	4 4 1	4 4 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
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
Adrenal Medulla		+	+	+	+	+	+	+	+	8
Islets, Pancreatic		+	+	+	+	+	+	+	+	8

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Test Type: 90-DAY

Route: DOSED WATER

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:33

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

F 344/NCTR Rat Male CONTROL Parathyroid Gland Pituitary Gland Thyroid Gland	DAY ON TEST ANIMAL ID	0 1 0 1 0 0 4 1 1 + +	0 1 0 1 0 0 4 1 1 2	0 1 0 1 0 0 4 2 1 + +	0 1 0 1 0 0 4 2 2 + +	0 1 0 1 0 0 4 3 1	0 1 0 1 0 0 4 3 2 + +	0 1 0 1 0 0 4 4 4 1	0 1 0 1 0 0 4 4 4 2	*TOTALS 8 8 8 8
General Body System										
NONE Genital System										
Epididymis		+	+	+	+	+	+	+	+	8
Preputial Gland		+	+	+	+	+	+	+	+	8
Prostate		+	+	+	+	+	+	+	+	8
Seminal Vesicle		+	+	+	+	+	+	+	+	8
Testes		+	+	+	+	+	+	+	+	8
Hematopoietic System										
Bone Marrow		+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	8
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	8
Spleen		+	+	+	+	+	+	+	+	8
Thymus		+	+	+	+	+	+	+	+	8
Integumentary System										
Mammary Gland		+	+	+	+	+	+	+	+	8
Skin		+	+	+	+	+	+	+	+	8

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Test Type: 90-DAY

Route: DOSED WATER

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:33

First Dose M/F: NA / NA

Lab: NCTR

	DAY ON TEST	0	0	0	0	0	0	0	0	
F 344/NCTR Rat Male		1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	
CONTROL		1	1	1	1	1	1	1	1	
	ANIMAL ID	0	0	0	0	0	0	0	0	
		0 4	0 4	0 4	0	0	0	0	0	
		1 1	1 2	2	2	3	3 2	4	4 2	*TOTALS
Musculoskeletal System		<u>'</u>				<u> </u>		<u> </u>		TOTALO
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
Harderian Gland		+	+	+	+	+	+	+	+	8
Urinary System										
Kidney		+	+	+	+	+	+	+	+	8

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Experiment Number: 20313-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Acrylamide

Date Report Requested: 10/23/2014

Time Report Requested: 10:34:33

First Dose M/F: NA / NA

Lab: NCTR

Test Type: 90-DAY **CAS Number:** 79-06-1 Route: DOSED WATER

Species/Strain: Rat/F 344/NCTR

DAY ON TEST 0 *0 1 0 1* 0 0 1 1 1 1 1 F 344/NCTR Rat Male 0 0 0 0 0 **CONTROL** 0 0 0 0 0 0 4 3 1 0 0 0 0 4 4 2 ANIMAL ID Ö Õ 0 4 4 1 2 4 2 2 4 4 2 1 3 2 4 *TOTALS Urinary Bladder **SYSTEMIC LESIONS** 8 Multiple Organ

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY

Route: DOSED WATER

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

Species/Strain: Rat/F 344/NCTR

Time Report Requested: 10:34:33

Date Report Requested: 10/23/2014

First Dose M/F: NA / NA

Lab: NCTR

DAY ON TEST

F 344/NCTR Rat Male 10 UG/ML

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Species/Strain: Rat/F 344/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Acrylamide

CAS Number: 79-06-1

Time Report Requested: 10:34:33

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Lab: NCTR

DAY ON TEST

F 344/NCTR Rat Male 10 UG/ML

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 90-DAY

Route: DOSED WATER

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Experiment Number: 20313-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Acrylamide

Route: DOSED WATER CAS Number: 79-06-1

Species/Strain: Rat/F 344/NCTR

Test Type: 90-DAY

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:33

First Dose M/F: NA / NA

Lab: NCTR

F 344/NCTR	Rat	Male
25 UG/ML		

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

*TOTALS

Alimentary System

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

NONE

I .. Insufficient tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

M ..Missing tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY Route: DOSED WATER **Test Compound:** Acrylamide **CAS Number:** 79-06-1

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:33

First Dose M/F: NA / NA

Lab: NCTR

Species/Strain: Rat/F 344/NCTR

F 344/NCTR	Rat	Male
25 UG/ML		

DAY ON TEST	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	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	
AMIMAL ID	0	0	0	0	0	0	0	0	l
	1	1	1	1	1	1	2	2	l
	7	7	8	8	9	9	0	0	l
	1	2	1	2	1	2	1	2	l

*TOTALS

8

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY

Route: DOSED WATER

CAS Number: 79-06-1

Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014
Time Report Requested: 10:34:33

First Dose M/F: NA / NA

Lab: NCTR

	DAY ON TEST	0	0	
F 344/NCTR Rat Male	DAY ON TEST	1	1	
F 344/INCTR Rat Male		0	0	
50 UG/ML		1	1	
	ANIMAL ID	0	0	ſ
	ANIMAL ID	Λ	I 0	

Y ON TEST	0 1	0	0	0	0	0	0	0
	0 1	0						
ANIMAL ID	00	0	0	0	0	0	0	0
	ő	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
	1	1	2	2	3	3	4	4
	1	2	1	2	1	2	1	2

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Epididymis + + + + + + + + + 8
Testes + + + + + + + + 8

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

*TOTALS

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

Route: DOSED WATER Species/Strain: Rat/F 344/NCTR Time Report Requested: 10:34:33

Date Report Requested: 10/23/2014

First Dose M/F: NA / NA

Lab: NCTR

	DAY ON TEST	0	0	0	0	0	0	0	0	
F 344/NCTR Rat Male		1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
50 UG/ML		1	1	1	1	1	1	1	1	
	ANIMAL ID	0	0	0	0	0	0	0	0	
	AMIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		1	1	2	2	3	3	4	4	
		1	2	1	2	1	2	1	2	_ ′

NONE

Test Type: 90-DAY

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney 1

SYSTEMIC LESIONS

8 Multiple Organ

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Test Type: 90-DAY

Route: DOSED WATER

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

	DAY ON TEST	0	0	0	0	0	0	0
F 344/NCTR Rat Male		1 0	$\begin{vmatrix} 1 \\ 0 \end{vmatrix}$	$\begin{vmatrix} 1 \\ 0 \end{vmatrix}$	$\begin{vmatrix} 1 \\ 0 \end{vmatrix}$	1 0	1 0	$\begin{vmatrix} 1 \\ 0 \end{vmatrix}$
100 UG/ML		1	1	1	1	1	1	1
	ANIMAL ID	0	0	0	0	0	0	0
	ANIIVIAL ID	0	0	0	0	0	0	0
		2	2	2	2	2	2	2
		5	5	6	6	7	7	8
		1	2	1	2	1	2	1

0 0 2 8 2 2 8 1 2 5 2 2 6 1 2 6 2 2 7 1 2 7 2 *TOTALS

0 1 0

Alim	entary	System

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

Musculoskeletal System

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

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

Time Report Requested: 10:34:34 First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Lab: NCTR

F 344/NCTR Rat Male 100 UG/ML

DAY ON TEST	0	0	0	0	0	0	0	0	l
	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	
AMIMAL ID	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	
	5	5	6	6	7	7	8	8	1
	1	2	1	2	1	2	1	2	ı

 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | *TOTALS

 Skeletal Muscle
 + + + + + + + + + + + + *

Nervous System

Test Type: 90-DAY

Peripheral Nerve + + + + + + + + 8

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + + +

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

8

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Type: 90-DAY

Route: DOSED WATER

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| F 344/NCTR Rat Male
250 UG/ML | DAY ON TEST | 0
1
0
1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| 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 |
| 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 |
| Adrenal Medulla | | + | + | + | + | + | + | + | + | 8 |
| Islets, Pancreatic | | + | + | + | + | + | + | + | + | 8 |

M .. Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY

Route: DOSED WATER

CAS Number: 79-06-1

Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|------------------------|-------------|--------|--------|--------|--------|--------|-----|--------|--------|---------|
| F 344/NCTR Rat Male | | 1
0 | 1
0 | 1
0 | 1
0 | 1
0 | 1 0 | 1
0 | 1
0 | |
| 250 UG/ML | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 3 | 3 | 3 | 3 | 3 5 | 3 5 | 3 | 3 | |
| | | ა
1 | 2 | 1 | 4
2 | 1 | 2 | 1 | 6
2 | *TOTALS |
| Parathyroid Gland | | + | + | + | + | + | + | + | + | 8 |
| Pituitary Gland | | + | + | + | + | + | + | + | + | 8 |
| Thyroid Gland | | + | + | + | + | + | + | + | + | 8 |
| General Body System | | | | | | | | | | |
| NONE | | | | | | | | | | |
| Genital System | | | | | | | | | | |
| Epididymis | | + | + | + | + | + | + | + | + | 8 |
| Preputial Gland | | + | + | + | + | + | + | + | + | 8 |
| Prostate | | + | + | + | + | + | + | + | + | 8 |
| Seminal Vesicle | | + | + | + | + | + | + | + | + | 8 |
| Testes | | + | + | + | + | + | + | + | + | 8 |
| Hematopoietic System | | | | | | | | | | |
| Bone Marrow | | + | + | + | + | + | + | + | + | 8 |
| Lymph Node, Mandibular | | + | + | + | + | + | + | + | + | 8 |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | + | 8 |
| Spleen | | + | + | + | + | + | + | + | + | 8 |
| Thymus | | + | + | + | + | + | + | + | + | 8 |
| Integumentary System | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | 8 |
| Skin | | + | + | + | + | + | + | + | + | 8 |

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY

Route: DOSED WATER

CAS Number: 79-06-1

Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| F 344/NCTR Rat Male
250 UG/ML | DAY ON TEST ANIMAL ID | 0
1
0
1
0
0
0
3
3
1 | 0
1
0
1
0
0
3
3
2 | 0
1
0
1
0
0
3
4
1 | 0
1
0
1
0
0
3
4
2 | 0
1
0
1
0
0
3
5 | 0
1
0
1
0
0
3
5
2 | 0
1
0
1
0
0
3
6 | 0
1
0
1
0
0
3
6
2 | *TOTALS |
|----------------------------------|------------------------|--|---|---|---|--------------------------------------|---|--------------------------------------|---|----------|
| Bone, Femur | | + | + | + | + | + | + | + | + | 8 |
| Skeletal Muscle | | + | + | + | + | + | + | + | + | 8 |
| Nervous System | | • | · | · | · | · | • | • | • | G |
| 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 |
| Harderian Gland | | + | + | + | + | + | + | + | + | 8 |
| Urinary System | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | 8 |

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

Experiment Number: 20313-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Acrylamide

CAS Number: 79-06-1

Species/Strain: Rat/F 344/NCTR

Test Type: 90-DAY

Route: DOSED WATER

Lab: NCTR

Date Report Requested: 10/23/2014

Time Report Requested: 10:34:34

First Dose M/F: NA / NA

| F 344/NCTR Rat Male
250 UG/ML | DAY ON TEST | 0
1
0
1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 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_ |
| Urinary Bladder SYSTEMIC LESIONS | | + | + | + | + | + | + | + | + | 8 |
| Multiple Organ | | + | + | + | + | + | + | +
*** | +
=N[| 8
O OF MALE DATA*** |

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY

Route: DOSED WATER

CAS Number: 79-06-1

Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| F 344/NCTR Rat Female CONTROL Alimentary System | ANIMAL ID | 0
1
0
2
0
0
0
4
5
1 | 0
1
0
2
0
0
0
4
5
2 | 0
1
0
2
0
0
0
4
6
1 | 0
1
0
2
0
0
4
6
2 | 0
1
0
2
0
0
0
4
7 | 0
1
0
2
0
0
0
4
7
2 | 0
1
0
2
0
0
0
4
8
1 | 0
1
0
2
0
0
0
4
8
2 | *TOTALS |
|--|-----------|--|--|--|---|---|--|--|--|---------|
| Annentary bystem | | | | | | | | | | |
| 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 |
| Heart | | + | + | + | + | + | + | + | + | 8 |
| Endocrine System | | | | | | | | | | |
| Adrenal Cortex | | + | + | + | + | + | + | + | + | 8 |
| Adrenal Medulla | | + | + | + | + | + | + | + | + | 8 |
| Islets, Pancreatic | | + | + | + | + | + | + | + | + | 8 |

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

Test Type: 90-DAY

Route: DOSED WATER

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| D/ | AY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|------------------------|------------|--------|--------|--------|-----|--|-----|--------|--------|---------|
| F 344/NCTR Rat Female | | 1
0 | 1
0 | 1
0 | 1 0 | $\begin{vmatrix} 1 \\ 0 \end{vmatrix}$ | 1 0 | 1
0 | 1 0 | |
| CONTROL | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | 5
1 | 5
2 | 6
1 | 6 | 7 | 7 2 | 8
1 | 8
2 | *TOTALS |
| 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 |
| Lymph Node, Mandibular | | + | + | + | + | + | + | + | + | 8 |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | + | 8 |
| Spleen | | + | + | + | + | + | + | + | + | 8 |
| Thymus | | + | + | + | + | + | + | + | + | 8 |
| Integumentary System | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | 8 |
| Skin | | + | + | + | + | + | + | + | + | 8 |
| Musculoskeletal System | | | | | | | | | | |
| Bone, Femur | | + | + | + | + | + | + | + | + | 8 |

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Test Type: 90-DAY

Route: DOSED WATER

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| F 344/NCTR Rat Female CONTROL | AY ON TEST
ANIMAL ID | 0
1
0
2
0
0
0
4
5
1 | 0
1
0
2
0
0
4
5
2 | 0
1
0
2
0
0
0
4
6
1 | 0
1
0
2
0
0
4
6
2 | 0
1
0
2
0
0
0
4
7 | 0
1
0
2
0
0
4
7
2 | 0
1
0
2
0
0
4
8
1 | 0
1
0
2
0
0
4
8
2 | *TOTALS | _ |
|-------------------------------|-------------------------|--|---|--|---|---|---|---|---|---------|---|
| 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 | |
| Harderian Gland | | + | + | + | + | + | + | + | + | 8 | |
| Urinary System | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | 8 | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | 8 | |
| SYSTEMIC LESIONS | | | | | | | | | | | |

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

Experiment Number: 20313-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Acrylamide

Route: DOSED WATER

Species/Strain: Rat/F 344/NCTR

CAS Number: 79-06-1

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| F 344/NCTR Rat Female CONTROL | ON TEST | 0
1
0
2 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 4
5
1 | 0
4
5
2 | 0
4
6
1 | 6
2 | 0
4
7
1 | 4
7
2 | 0
4
8
1 | 0
4
8
2 | *TOTALS |
| Multiple Organ | | + | + | + | + | + | + | + | + | 8 |

Test Type: 90-DAY

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Experiment Number: 20313-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Test Type: 90-DAY

Route: DOSED WATER

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| F 344/NCTR Rat Female 10 UG/ML | DAY ON TEST | 0
1
0
2
0
0
1
3
1 | 0
1
0
2
0
0
1
3
2 | 0
1
0
2
0
0
0
1
4
1 | 0
1
0
2
0
0
0
1
4
2 | 0
1
0
2
0
0
0
1
5 | 0
1
0
2
0
0
0
1
5
2 | 0
1
0
2
0
0
0
1
6
1 | 0
1
0
2
0
0
1
6
2 | *TOTALS |
|---|-------------|---|---|--|--|---|--|--|---|---------|
| Alimentary System Liver Mesentery Cardiovascular System | | + | + | | | | | | | 1
1 |
| NONE
Endocrine System | | | | | | | | | | |
| NONE
General Body System | | | | | | | | | | |
| NONE
Genital System | | | | | | | | | | |
| Uterus
Hematopoietic System | | | | | + | | | | | 1 |
| NONE Integumentary System | | | | | | | | | | |
| NONE
Musculoskeletal System | | | | | | | | | | |
| NONE | | | | | | | | | | |

Nervous System

I .. Insufficient tissue

Page 22

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

M ..Missing tissue

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY

Test Compound: Acrylamide

Route: DOSED WATER Species/Strain: Rat/F 344/NCTR **CAS Number:** 79-06-1

Lab: NCTR

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 10:34:34

F 344/NCTR Rat Female 10 UG/ML

DAY ON TEST 0 0 *0 1* 0 0 0 1 1 1 1 1 1 0 0 2 0 *0 2* 0 0 *0 2* 2 2 2 2 0 0 0 0 0 0 0 0 1 3 2 0 0 1 5 1 ANIMAL ID Õ Õ 0 1 1 1 1 1 3 1 5 2 6 4 6 4

*TOTALS

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

3

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 20313-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Acrylamide

Route: DOSED WATER CAS Number: 79-06-1

Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

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 | 1 | |
| F 344/NCTR Rat Female | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | |
| 25 UG/ML | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | <u>-</u> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | İ |
| ANIMAL ID | ŏ | ŏ | ŏ | ŏ | Ŏ | ŏ | ŏ | ŏ | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |

Alimentary System

Test Type: 90-DAY

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

NONE

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY Route: DOSED WATER **Test Compound:** Acrylamide **CAS Number:** 79-06-1

Date Report Requested: 10/23/2014

Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

Species/Strain: Rat/F 344/NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|-----------------------------------|-------------|-------------|-------------|---|---|-------------|-------------|-------------|---------|
| F 344/NCTR Rat Female
25 UG/ML | 1
0
2 | 1
0
2 | 1
0
2 | $\begin{bmatrix} 1 \\ 0 \\ 2 \end{bmatrix}$ | $\begin{bmatrix} 1 \\ 0 \\ 2 \end{bmatrix}$ | 1
0
2 | 1
0
2 | 1
0
2 | |
| ANIMAL ID | 0
0
2 | 0 0 2 | 0 0 2 | 0 0 2 | 0 0 2 | 0
0
2 | 0
0
2 | 0
0
2 | |
| | 1
1 | 1
2 | 2 | 2 | 3 | 3 | 4
1 | 4
2 | *TOTALS |

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

3

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY

Test Compound: Acrylamide

Route: DOSED WATER Species/Strain: Rat/F 344/NCTR **CAS Number:** 79-06-1

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| DAY ON TES | $\Gamma \mid \boldsymbol{\theta}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|-----------------------|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| F 344/NCTR Rat Female | 1 0 | 1
0 | |
| 50 UG/ML | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| ANIMAL II | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| / ((VIIVI) (E II | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 5 | 5 | 6 | 0
6 | 7 | 0 | 8 | 0
8 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | *TOTALS |

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Uterus 1

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY

Test Compound: Acrylamide

Route: DOSED WATER

CAS Number: 79-06-1

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 10:34:34

Lab: NCTR

F 344/NCTR Rat Female

Species/Strain: Rat/F 344/NCTR

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

*TOTALS

Respiratory System

NONE

50 UG/ML

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

•

1

X .. Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Acrylamide

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

Test Type: 90-DAY

CAS Number: 79-06-1

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| DA | AY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|-----------------------|--------------|--------|--------|--------|--|--|--------|--------|--------|---------|
| F 344/NCTR Rat Female | | 1
0 | 1
0 | 1
0 | $\begin{vmatrix} 1 \\ 0 \end{vmatrix}$ | $\begin{vmatrix} 1 \\ 0 \end{vmatrix}$ | 1
0 | 1
0 | 1
0 | |
| 100 UG/ML | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | AINIIVIAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | *TOTALS |

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

| + | + | + | + | + | + | + | + | | 8 |
|---|---|-----|-------|---------|-----------|-------------|---------------|-------------------|-------------------|
| + | + | + | + | + | + | + | + | | 8 |
| | | | | | | | | | |
| + | + | + | + | + | + | + | + | | 8 |
| + | + | + | + | + | + | + | + | | 8 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | + | + + | + + + | + + + + | + + + + + | + + + + + + | + + + + + + + | + + + + + + + + + | + + + + + + + + + |

X ..Lesion present

I .. Insufficient tissue

Skeletal Muscle

M .. Missing tissue

8

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 20313-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Acrylamide

Route: DOSED WATER CAS Number: 79-06-1

Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34 First Dose M/F: NA / NA

Lab: NCTR

| D | AY ON TEST | 0 | 0 | 0 | 0 | 0 |
|-----------------------|------------|---|---|---|---|---|
| F 344/NCTR Rat Female | | 1 | 1 | 1 | 1 | 1 |
| r 344/NCTR Rat remaie | | 0 | 0 | 0 | 0 | 0 |
| 100 UG/ML | AY ON TEST | 2 | 2 | 2 | 2 | 2 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 |
| | AMIMAL ID | 0 | 0 | 0 | 0 | 0 |

1 1

1

*TOTALS

Nervous System

Test Type: 90-DAY

| 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

X .. Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Test Type: 90-DAY

Route: DOSED WATER

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| D/ | AY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|---------------------------|------------|--------|-------------|--------|--------|--------|--------|--------|-----|---------|
| F 344/NCTR Rat Female | | 1
0 | 1
0 | 1
0 | 1
0 | 1
0 | 0 | 1
0 | 1 0 | |
| 250 UG/ML | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | ANIMAL ID | 0 | 0 0 | 0 | 0 0 | 0 | 0 | 0 | 0 | |
| | | 0
3 | 0
3
7 | 0 | 0 | 0 | 0
3 | 0
4 | 4 | |
| | | 7
1 | 7 | 8
1 | 8 | 9 | 9 | 0 | 0 2 | *TOTALS |
| Alimentary System | | ı | | I | | I | | ı | | 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 |
| Heart | | + | + | + | + | + | + | + | + | 8 |
| Endocrine System | | | | | | | | | | |
| Adrenal Cortex | | + | + | + | + | + | + | + | + | 8 |
| Adrenal Medulla | | + | + | + | + | + | + | + | + | 8 |
| Islets, Pancreatic | | + | + | + | + | + | + | + | + | 8 |

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Route: DOSED WATER

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014 Time Report Requested: 10:34:34

First Dose M/F: NA / NA

Lab: NCTR

| F 344/NCTR Rat Female
250 UG/ML | AY ON TEST
ANIMAL ID | 0
1
0
2
0
0
3
7 | 0
1
0
2
0
0
3
7
2 | 0
1
0
2
0
0
0
3
8
1 | 0
1
0
2
0
0
0
3
8
2 | 0
1
0
2
0
0
0
3
9 | 0
1
0
2
0
0
0
3
9
2 | 0
1
0
2
0
0
4
0
1 | 0
1
0
2
0
0
4
0
2 | *TOTALS |
|------------------------------------|-------------------------|--------------------------------------|---|--|--|---|--|---|---|---------|
| 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 |
| Lymph Node, Mandibular | | + | + | + | + | + | + | + | + | 8 |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | + | 8 |
| Spleen | | + | + | + | + | + | + | + | + | 8 |
| Thymus | | + | + | + | + | + | + | + | + | 8 |
| Integumentary System | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | 8 |
| Skin | | + | + | + | + | + | + | + | + | 8 |
| Musculoskeletal System | | | | | | | | | | |
| Bone, Femur | | + | + | + | + | + | + | + | + | 8 |

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Test Type: 90-DAY

Route: DOSED WATER

Date Report Requested: 10/23/2014 **Time Report Requested:** 10:34:35

First Dose M/F: NA / NA

Lab: NCTR

| Г | AY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|-----------------------|------------|--------|-----|-----|-----|-----|-----|-----|-----|---------|
| F 344/NCTR Rat Female | | 1
0 | 1 0 | 1 0 | 1 0 | 1 0 | 1 0 | 1 0 | 1 0 | |
| 250 UG/ML | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | |
| | | 7
1 | 7 2 | 8 | 8 2 | 9 | 9 | 0 | 0 2 | *TOTALS |
| 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 |
| Harderian Gland | | + | + | + | + | + | + | + | + | 8 |
| Urinary System | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | 8 |
| Urinary Bladder | | + | + | + | + | + | + | + | + | 8 |
| SYSTEMIC LESIONS | | | | | | | | | | |

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Experiment Number: 20313-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Species/Strain: Rat/F 344/NCTR

Test Type: 90-DAY

250 UG/ML

Route: DOSED WATER

DAY ON TEST 0 *0 1 0 1* 0 0 1 1 1 1 1 F 344/NCTR Rat Female 0 0 2 0 *0 2* 0 0 2 2 2 2 2 0 0 0 0 0 0 0 3 7 2 0 0 3 9 1 ANIMAL ID

0

0

4 4

Õ

3 8

3 8 2 3 9 2 0 *TOTALS Multiple Organ +

3 7

** END OF REPORT **

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 10:34:35

First Dose M/F: NA / NA

Lab: NCTR

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue