Genotoxicity and Carcinogenicity of Acrylamide and its Metabolite, Glycidamide in Rodents: Two-Year Chronic Carcinogenicity Study

NCTR PROTOCOL NUMBER 2150.01 (SUBCHRONIC STUDY 2150.04)

PATHOLOGY REPORT

PREPARED BY

TOXICOLOGIC PATHOLOGY ASSOCIATES JEFFERSON, ARKANSAS

FOR

NATIONAL CENTER FOR TOXICOLOGICAL RESEARCH 3900 NCTR ROAD JEFFERSON, ARKANSAS 72079

November 7, 2006

TABLE OF CONTENTS

INTRODUCT	ION	1
	T DESIGN	
	ND DISCUSSION	
SUMMARY		3
	LIST OF TABLES	
Table 1 – Sur	nmary of Doses	1
	LIST OF APPENDICES	
Appendix I	Incidence Rates of Neoplasms by Anatomic Site (Pathology Report 2)	A-1
Appendix II	Incidence Rates of Non-neoplastic Lesions by Anatomic Site (Pathology Report 3)	A-2
Appendix III	Neoplasms by Individual Animal (Pathology Report 4)	A-3
Annendiy IV	Non-neoplastic Lesions by Individual Animal (Pathology Report 9)	Δ-4

Genotoxicity and Carcinogenicity of Acrylamide and its Metabolite, Glycidamide in Rodents: Two-Year Chronic Carcinogenicity Study

NCTR PROTOCOL NUMBER 2150.01 (SUBCHRONIC STUDY 2150.04)

INTRODUCTION

This subchronic (13-week) toxicity study was conducted to provide information needed for dose selection for the two-year carcinogenicity study.

This report by Toxicologic Pathology Associates for the National Center for Toxicological Research presents the results of pathology support for the subchronic study of B6C3F1 mice given dosed drinking water or feed as outlined in Protocol Number 2150.01 – Genotoxicity and Carcinogenicity of Acrylamide and its Metabolite, Glycidamide in Rodents: Two-Year Chronic Carcinogenicity Study.

EXPERIMENT DESIGN

Table 1 represents the treatment schedule from which animals were received by pathology services for necropsy, after 99 -100 days on study.

Table 1
Summary of doses for subchronic (13-week) toxicity study with B6C3F1 mice administered acrylamide or glycidamide in the drinking water or feed*

Test Agent	Sex	Dosed Water (mM)	Dosed Feed (PPM)
Acrylamide	Male	3.52	370
The state of the s		1.41	185
		0.70	74
		0.35	37
		0.14	18.5
		0.00	0.0
	Female	3.52	370
		1.41	185
		0.70	74
		0.35	37
		0.14	18.5
		0.00	0.0
Glycidamide	Male	3.52	
THE PARTY OF THE P		1.41	· ·
		0.70	
		0.35	
		0.14	
		0.00	
	Female	3.52	
		1.41	
		0.70	
		0.35	
		0.14	
		0.00	

^{*}Each group consisted of eight B6C3F1 mice

At study termination, the animals were euthanized by exposure to carbon dioxide and a complete necropsy was performed. The liver and brain were weighed as soon as possible after dissection. All protocol-specified tissues were examined grossly, removed, and preserved in 10% neutral buffered formalin formalin except eyes and testes which were fixed in modified Davidson's fixative. Lesion descriptions were recorded on the IANR form (Individual Animal Necropsy Record). The protocol-designated tissues were trimmed, processed and embedded in a plastic paraffin polymer, sectioned at 4-6 microns, and stained with hematoxylin and eosin. All tissues were examined microscopically and when applicable, non-neoplastic lesions were graded for severity as 1 (minimal), 2 (mild), 3 (moderate), or 4 (marked).

RESULTS AND DISCUSSION

Mortality

There were four early death animals in the study, but tissue autolysis precluded determination of cause of death in all of them. One was a female from the 1.41 mM glycidamide dosed water group. The others were one male each from 18.5 ppm, 185 ppm and 370 ppm acrylamide dosed feed groups.

Gross Observations

All gross observations were recorded on the IANR form. A corresponding microscopic finding was recorded with each gross observation when possible.

The only gross observation in the dosed water groups that was considered to be treatment related was marked dilatation of the urinary bladder in the 3.52 mM acrylamide groups. This change was evident in 100% of males and in 63% of females. This same observation was noted in one male in the 3.52 mM group treated with glycidamide. In the dosed feed animals, 100% of the males and 88% of the females in the 370 ppm acrylamide group had a dilated urinary bladder. All of these animals also had a clinical observation of partial paralysis of the rear legs.

Histopathology

Microscopic findings are summarized by treatment groups and anatomic site in Pathology Report 2 (Neoplastic) and Pathology Report 3 (Non-neoplastic). They were also tabulated by individual animal in Pathology Report 4 (Neoplastic) and Pathology Report 9 (Non-neoplastic).

Neoplastic Findings

<u>Dosed Water</u> - One animal in the 3.52 mM glycidamide group had a neoplastic change, which was diagnosed as a thymic lymphoma. This is not an uncommon neoplasm in B6C3F1 mice and therefore should be considered an incidental finding.

Dosed Feed - There were no neoplastic lesions.

Non-neoplastic Findings

Dosed Water – Treatment related changes were observed in the following target tissues: sciatic nerve, spinal cord, skeletal muscle of the hindlimb, testes and ovaries. Target tissues were examined microscopically in progressively lower dose groups until a no-observed-adverse-effect level (NOAEL) was reached. The most significant treatment-related change was a radiculoneuropathy (degenerative lesion) involving the sciatic nerve and/or lumbar spinal cord (lateral funiculus) in nearly 100% of the animals treated with 3.52 mM acrylamide. This change however was not observed in the other acrylamide treated dose groups. This same lesion was noted in the sciatic nerve of one female and one male treated with 3.52 mM glycidamide. Radiculoneuropathy was characterized by nerve fiber degeneration with dilatation and vacuolization of myelin sheaths along with swollen and shrunken axons, with a severity of minimal to mild. The neuronal degenerative changes were accompanied by muscle atrophy involving the rear legs and luminal dilatation of the urinary bladder in many of these same animals.

Another significant histopathologicial finding was ovarian anestrus in 75% of the females in the 3.52 mM acrylamide group. This was not present in the lower dose groups or in animals treated with glycidamide. This change was characterized by the absence of corpora lutea in various stages of development or in regression from previous ovulations. Additionally, in males, minimal to mild depletion of the testicular germinal cell epithelium occurred in both the acrylamide and glycidamide high dose groups but not in lower dose groups.

<u>Dosed Feed</u> – Treatment related changes were observed in the following target tissues: sciatic nerve, spinal cord, skeletal muscle of the hindlimb, testes and ovaries. Target tissues were examined until a no-observed-adverse-effect level (NOAEL) was reached. The most significant treatment-related change was radiculoneuropathy (degenerative lesion) involving the sciatic nerve of 71% of the males and 100% of the females given 370 ppm acrylamide dosed feed. The lesion was also observed in one female in the 185 ppm dose group. The histopathologic characteristics of this lesion were very similar to those in the dosed water groups. Degenerative changes were present in the spinal cord in 29% of males of the 370 ppm dose group but were not observed in any of the female mice. The neuronal degenerative changes were accompanied by minimal to moderate muscle atrophy (rear legs) in 100% of the males and 88% of the females in the 370 ppm dose group. Luminal dilation of the urinary bladder was present in 100% of the male mice and 88% of the female mice in the 370 ppm dose group.

Other significant histopathological findings were testicular degeneration in males and anestrus in females which occurred with 100% incidence in the 370 ppm dose group. These changes did not occur in any of the lower dose groups. The remaining non-neoplastic findings were considered incidental background changes commonly associated with B6C3F1 mice.

SUMMARY

This study establishes in B6C3F1 mice a no-observed-adverse-effect level (NOAEL) of 1.41 mM for acrylamide and glycidamide administered in the drinking water and 185 ppm acrylamide in dosed feed, since the high dose of 3.52 mM (water) and 370 ppm (feed) resulted in radiculoneuropathy, testicular germinal cell depletion, anestrus and muscle atrophy in a high percentage of exposed animals.

Greg Olson, DVM, Ph.D.

Appendix I – Incidence Rates of Neoplams by Anatomic Site (Pathology Report 2)

TDMS No. 20213 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

C Number:

C20313

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Test Type: 90-DAY Route: DOSED WATER

None

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Water M	0.14 Acryl M	0.35 Acryl M	0.70 Acryl M	1.41 Acryl N
Disposition Summary					
Animals Initially in Study Early Deaths Survivors	8	8	8	8	8
Terminal Sacrifice	8	8	8	8	8
Animals Examined Microscopically	8		8 2	8	8
ALIMENTARY SYSTEM					
Liver	(8)	(0)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex	(8)	(0)	(0)	(0)	(0)
GENERAL BODY SYSTEM					*
None					
GENITAL SYSTEM					
Preputial Gland Testes	(8) (8)	(O) (O)	(2) (0)	(0) (0)	(O) (8)
HEMATOPOIETIC SYSTEM					
None					
INTEGUMENTARY SYSTEM					

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY

Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Water M	0.14 Acryl M	0.35 Acryl M	0.70 Acryl M	1.41 Acryl M
MUSCULOSKELETAL SYSTEM					
Skeletal Muscle	(8)	(0)	(0)	(8)	(8)
NERVOUS SYSTEM					
Peripheral Nerve Spinal Cord, Lumbar	(8)	(0) (0)	(0) (0)	(8) (0)	(8) (8)
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Urinary Bladder	(8)	(0)	(0)	(0)	(0)

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	3.52 Acryl M	
Disposition Summary		
Animals Initially in Study Early Deaths Survivors	8	
Terminal Sacrifice	8	
Animals Examined Microscopically	8	
ALIMENTARY SYSTEM		
Liver	(8)	
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		
Adrenal Cortex	(8)	
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Preputial Gland Testes	(8) (8)	
	197	
HEMATOPOIETIC SYSTEM		
None		
INTEGUMENTARY SYSTEM		
None		

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 02 Test Type: 90-DAY

Species/Strain: MICE/B6C3F1/NCTR

Route: DOSED WATER

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	3.52 Acryl M	
MUSCULOSKELETAL SYSTEM		
Skeletal Muscle	(8)	
NERVOUS SYSTEM		
Peripheral Nerve Spinal Cord, Lumbar	(8) (8)	
RESPIRATORY SYSTEM		
None		
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Urinary Bladder	(8)	

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE

Control Water M

0.14 Acryl M

0.35 Acryl M

0.70 Acryl M

1.41 Acryl M

Tumor Summary for Males

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms
Total Benign Neoplasms

Total Animals with Malignant Neoplasms
Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant Total Uncertain Neoplasms

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE

3.52 Acryl M

MALE

Tumor Summary for Males

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms
Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant Total Uncertain Neoplasms

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Water F	0.14 Acryl F	0.35 Acryl F	0.70 Acryl F	1.41 Acryl I
Disposition Summary					
Animals Initially in Study Early Deaths Survivors	8	8	8	8	8
Terminal Sacrifice	8	8	8	8	8
Animals Examined Microscopically	8		1	8	8
ALIMENTARY SYSTEM					
Liver	(8)	(0)	(1)	(0)	(0)
CARDIOVASCULAR SYSTEM					
Heart	(8)	(0)	(0)	(0)	(0)
ENDOCRINE SYSTEM					
Adrenal Cortex	(8)	(0)	(0)	(0)	(0)
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Ovary	(8)	(0)	(1)	(0)	(8)
HEMATOPOIETIC SYSTEM					
Spleen	(8)	(0)	(0)	(1)	(0)

INTEGUMENTARY SYSTEM

None

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Water F	0.14 Acryl F	0.35 Acryl F	0.70 Acryl F	1.41 Acryl F
MUSCULOSKELETAL SYSTEM					
Skeletal Muscle	(8)	(0)	(0)	(8)	(8)
NERVOUS SYSTEM					
Peripheral Nerve Spinal Cord, Lumbar	(8) (8)	(O) (O)	(0) (0)	(8) (0)	(8) (8)
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
Eye	(8)	(0)	(0)	(1)	(0)
URINARY SYSTEM					
Urinary Bladder	(8)	(0)	(0)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	3.52 Acryl F	
Disposition Summary		
Animals Initially in Study Early Deaths Survivors	8	
Terminal Sacrifice	8	
Animals Examined Microscopically	8 8	
ALIMENTARY SYSTEM		
Liver	(8)	
CARDIOVASCULAR SYSTEM		
Heart	(8)	
ENDOCRINE SYSTEM		
Adrenal Cortex	(8)	
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Ovary	(8)	
HEMATOPOIETIC SYSTEM		
Spleen	(8)	
INTEGUMENTARY SYSTEM		
None		

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	3.52 Acryl F	
MUSCULOSKELETAL SYSTEM		
Skeletal Muscle	(8)	
NERVOUS SYSTEM		
Peripheral Nerve Spinal Cord, Lumbar	(8) (8)	
RESPIRATORY SYSTEM		
None		
SPECIAL SENSES SYSTEM		
Eye	(8)	
URINARY SYSTEM		
Urinary Bladder	(8)	

a - Number of animals examined microscopically at site and number of animals with lesion

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE

CAS Number: 79-06-1

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

Pathologist: OLSON, G.

Lau. IV

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE

Control Water F

0.14 Acryl F

0.35 Acryl F

0.70 Acryl F

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54

First Dose M/F: 07/12/04 / 07/12/04

1.41 Acryl F

Tumor Summary for Females

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms
Total Benign Neoplasms

Total Animals with Malignant Neoplasms
Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms
Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant Total Uncertain Neoplasms

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

AÇRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE

Species/Strain: MICE/B6C3F1/NCTR

3.52 Acryl F

FEMALE

Tumor Summary for Females

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms
Total Benign Neoplasms

Total Animals with Malignant Neoplasms Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant Total Uncertain Neoplasms

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Species/Strain: MICE/B6C3F1/NCTR

opecies diam. Miozi boooi in

C Number:

C20314

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Water M	0.14 Glycid M	0.35 Glycid M	0.70 Glycid M	1.41 Glycid N
Disposition Summary					
Animals Initially in Study Early Deaths Survivors	8	8	8	-8	8
Terminal Sacrifice Animals Examined Microscopically	8 8	8 2	8 2	8	8 8
, , , , , , , , , , , , , , , , , , , ,		-	2		
ALIMENTARY SYSTEM					
Liver	(8)	(0)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex	(7)	(0)	(0)	(0)	(0)
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Preputial Gland Testes	(8) (8)	(1) (0)	(1) (0)	(0) (0)	(0) (8)
HEMATOPOIETIC SYSTEM					
None					
INTEGUMENTARY SYSTEM					
Skin	(8)	(0)	(1)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Water M	0.14 Glycid M	0.35 Glycid M	0.70 Glycid M	1.41 Glycid M
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
Peripheral Nerve	(8)	(0)	(0)	(0)	(0)
RESPIRATORY SYSTEM					
Lung	(8)	(0)	(0)	(0)	(0)
SPECIAL SENSES SYSTEM			-		
None					
URINARY SYSTEM					
Urinary Bladder	(8)	(0)	(0)	(0)	(0)

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	3.52 Glycid M	
Disposition Summary		
Animals Initially in Study Early Deaths Survivors	8	.6
Terminal Sacrifice Animals Examined Microscopically	8 8	
ALIMENTARY SYSTEM		
Liver	(8)	
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		
Adrenal Cortex	(8)	
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Preputial Gland Testes	(8) (8)	
HEMATOPOIETIC SYSTEM		
None		
INTEGUMENTARY SYSTEM		
Skin	, (8)	

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	3.52 Glycid M	
MUSCULOSKELETAL SYSTEM None		
NERVOUS SYSTEM		
Peripheral Nerve	(8)	
RESPIRATORY SYSTEM		1
Lung	(8)	
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Urinary Bladder	(8)	

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE

Control Water M

0.14 Glycid M

0.35 Glycid M

0.70 Glycid M

1.41 Glycid M

Tumor Summary for Males

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms
Total Benign Neoplasms

Total Animals with Malignant Neoplasms
Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant Total Uncertain Neoplasms

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE

MALE

3.52 Glycid M

Tumor Summary for Males

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms
Total Benign Neoplasms

Total Animals with Malignant Neoplasms Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant Total Uncertain Neoplasms

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE

CAS Number: 5694-00-8

'Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Water F	0.14 Glycid F	0.35 Glycid F	0.70 Glycid F	1.41 Glycid I
Disposition Summary					
Animals Initially in Study Early Deaths Natural Death	8	8	8	8	8
Survivors Terminal Sacrifice Animals Examined Microscopically	8	8	8	8 2	7
ALIMENTARY SYSTEM					
Mesentery Pancreas Salivary Glands	(0) (8) (8)	(0) (0) (0)	(0) (0) (0)	(1) (0) (0)	(0) (0) (1)
CARDIOVASCULAR SYSTEM None					
ENDOCRINE SYSTEM					
Adrenal Cortex	(7)	(0)	(0)	(0)	(1)
GENERAL BODY SYSTEM None					
GENITAL SYSTEM					
Ovary	(8)	(1)	(0)	(1)	(1)
HEMATOPOIETIC SYSTEM					
Thymus Lymphoma Malignant	(8)	(0)	(0)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Time F

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Water F	0.14 Glycid F	0.35 Glycid F	0.70 Glycid F	1.41 Glycid F
INTEGUMENTARY SYSTEM					
None				4	
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
Peripheral Nerve	(8)	(0)	(0)	(0)	(0)
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
None					
SYSTEMIC LESIONS					
Multiple Organs Lymphoma Malignant	*(8)	*(1)		*(2)	*(1)

a - Number of animals examined microscopically at site and number of animals with lesion

^{*} Number of animals with any tissue examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	3.52 Glycid F	
Disposition Summary		
Animals Initially in Study Early Deaths Natural Death	8	
Survivors Terminal Sacrifice	8	
Animals Examined Microscopically	8 8	
ALIMENTARY SYSTEM	-	
Mesentery	(O) (8)	
Pancreas Salivary Glands	(8)	
January January	(0)	The second secon
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		
Adrenal Cortex	(7)	
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM	*	
Ovary	(8)	
HEMATOPOIETIC SYSTEM		
Thymus	(8)	
Lymphoma Malignant	1 (13%)	

a - Number of animals examined microscopically at site and number of animals with lesion

^{*} Number of animals with any tissue examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

SYSTEMIC LESIONS

Multiple Organs

Lymphoma Malignant

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

3.52 Glycid F C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE INTEGUMENTARY SYSTEM None MUSCULOSKELETAL SYSTEM None NERVOUS SYSTEM Peripheral Nerve (8) RESPIRATORY SYSTEM None SPECIAL SENSES SYSTEM None URINARY SYSTEM None

*(8)

1 (13%)

a - Number of animals examined microscopically at site and number of animals with lesion

^{*} Number of animals with any tissue examined microscopically

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE

Control Water F

0.14 Glycid F

0.35 Glycid F

0.70 Glycid F

1.41 Glycid F

Tumor Summary for Females

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms
Total Benign Neoplasms

Total Animals with Malignant Neoplasms
Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms
Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant Total Uncertain Neoplasms

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	3.52 Glycid F		
Tumor Summary for Females			
Total Animals with Primary Neoplasms (b)	1 -		
Total Primary Neoplasms	1		
Total Animals with Benign Neoplasms			
Total Benign Neoplasms			
Total Animals with Malignant Neoplasms	1		
Total Malignant Neoplasms	- 1		
Total Animals with Metastatic Neoplasms			
Total Metastatic Neoplasms			
Total Animals with Malignant Neoplasms Uncertain Primary Site			
Total Animals with Neoplasms Uncertain-Benign or Malignant			
Total Uncertain Neoplasms			

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion b - Primary tumors: all tumors except metastatic tumors

TDMS No. 20313 - 04 Test Type: 90-DAY Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

C Number:

C20313B

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Feed M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM AcryL M	185 PPM Acryl
Disposition Summary					
Animals Initially in Study Early Deaths	8	8	8	8	8
Accidently Killed Natural Death		1			1
Survivors					and the second
Terminal Sacrifice Animals Examined Microscopically	8 8	1	8	8 2	8
ALIMENTARY SYSTEM					
None					
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Epididymis Testes	(8) (8)	(O) (O)	(O) (O)	(0) (0)	(1) (8)
HEMATOPOIETIC SYSTEM					
Spleen	(8)	(0)	(0)	(1)	(1)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Feed M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM AcryL M	185 PPM Acryl I
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
Skeletal Muscle	(8)	(0)	(0)	(0)	(8)
NERVOUS SYSTEM					
Peripheral Nerve Spinal Cord, Lumbar	(8) (8)	(0) (0)	(0) (0)	(0) (0)	(8) (8)
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Urinary Bladder	(8)	(0)	(0)	(0)	(1)

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 04 Test Type: 90-DAY Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	370 PPM Acryl M	
Disposition Summary		
Animals Initially in Study Early Deaths	8	
Accidently Killed Natural Death Survivors	1	
Terminal Sacrifice	7	
Animals Examined Microscopically	8	
ALIMENTARY SYSTEM		
None		
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		
None		
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Epididymis Testes	(7) (7)	€
HEMATOPOIETIC SYSTEM		
Spleen	(7)	

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 04 Test Type: 90-DAY Route: DOSED FEED P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	370 PPM Acryl M	
INTEGUMENTARY SYSTEM		
None		
MUSCULOSKELETAL SYSTEM		
Skeletal Muscle	(7)	
NERVOUS SYSTEM		
Peripheral Nerve Spinal Cord, Lumbar	(7) (7)	
RESPIRATORY SYSTEM		
None		
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Urinary Bladder	(7)	

TDMS No. 20313 - 04 Test Type: 90-DAY

Route: DOSED FEED
Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE

MALE

Control Feed M

18.5 PPM Acryl M

37 PPM Acryl M

74 PPM AcryL M

185 PPM Acryl M

Tumor Summary for Males

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms
Total Benign Neoplasms

Total Animals with Malignant Neoplasms
Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant Total Uncertain Neoplasms

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

TDMS No. 20313 - 04 Test Type: 90-DAY Route: DOSED FEED P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE

MALE

370 PPM Acryl M

Tumor Summary for Males

Species/Strain: MICE/B6C3F1/NCTR

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms
Total Benign Neoplasms

Total Animals with Malignant Neoplasms
Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant Total Uncertain Neoplasms

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all-tumors except metastatic tumors

TDMS No. 20313 - 04 Test Type: 90-DAY Route: DOSED FEED P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Feed F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl
Disposition Summary					
Animals Initially in Study Early Deaths	8	8	8	8	8
Survivors Terminal Sacrifice Animals Examined Microscopically	. 8	8	8	- 8	8 8
ALIMENTARY SYSTEM					
None					
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex	(8)	(0)	(0)	(0)	(0)
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Ovary	(8)	(0)	(0)	(0)	(8)
HEMATOPOIETIC SYSTEM					
Lymph Node, Mandibular Lymph Node, Mesenteric Spleen	(8) (8) (8)	(O) (O) (O)	(0) (0) (0)	(0) (0) (0)	(0) (0) (0)

INTEGUMENTARY SYSTEM

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 04 Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Feed F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl
None					
MUSCULOSKELETAL SYSTEM					
Skeletal Muscle	(8)	(0)	(0)	(0)	(8)
NERVOUS SYSTEM					
Peripheral Nerve	(8)	(0)	(0)	(0)	(8)
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Urinary Bladder	(8)	(0)	(0)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 04 Test Type: 90-DAY Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

INTEGUMENTARY SYSTEM

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	370 PPM Acryl F	
Disposition Summary		
Animals Initially in Study Early Deaths	8	
Survivors Terminal Sacrifice Animals Examined Microscopically	8 8	
ALIMENTARY SYSTEM		
None		
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		AN
Adrenal Cortex	(8)	
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Ovary	(8)	
HEMATOPOIETIC SYSTEM		
Lymph Node, Mandibular Lymph Node, Mesenteric Spleen	(8) (8) (8)	

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 04 Test Type: 90-DAY

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

Route: DOSED FEED
Species/Strain: MICE/B6C3F1/NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	370 PPM Acryl F	
None		
MUSCULOSKELETAL SYSTEM		
Skeletal Muscle	(8)	
NERVOUS SYSTEM		
Peripheral Nerve	(7)	
RESPIRATORY SYSTEM		
None		
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Urinary Bladder	(8)	

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 04 Test Type: 90-DAY

Route: DOSED FEED
Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE

Control Feed F

18.5 PPM Acryl F

37 PPM Acryl F

74 PPM Acryl F

185 PPM Acryl F

Tumor Summary for Females

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms Total Benign Neoplasms

Total Animals with Malignant Neoplasms
Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant Total Uncertain Neoplasms

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

TDMS No. 20313 - 04 Test Type: 90-DAY Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE

370 PPM Acryl F

FEMALE

Tumor Summary for Females

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms
Total Benign Neoplasms

Total Animals with Malignant Neoplasms
Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms
Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant Total Uncertain Neoplasms

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Appendix II Incidence Rates of Non-neoplastic Lesions by Anatomic Site (Pathology Report 3)

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1

Species/Strain: MICE/B6C3F1/NCTR

· Pathologist: OLSON, G.

C Number:

C20313

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Water M	0.14 Acryl M	0.35 Acryl M	0.70 Acryl M	1.41 Acryl M
Disposition Summary					
Animals Initially in Study Early Deaths Survivors	8	8	8	8	8
Terminal Sacrifice Animals Examined Microscopically	8 8	8	8 2	8 8	8
ALIMENTARY SYSTEM					
Liver Inflammation, Chronic Active	(8)	(0)	(0)	(0)	(0)
Tension Lipidosis	1 (13%)				
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex Subcapsular, Hyperplasia	(8) 3 (38%)	(0)	(0)	(0)	(0)
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Preputial Gland	(8)	(0)	(2)	(0)	(0)
Cyst Testes Germinal Epithelium, Degeneration	2 (25%) (8)	(0)	1 (50%)	(0)	(8)

HEMATOPOIETIC SYSTEM

None

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Water M	0.14 Acryl M	0.35 Acryl M	0.70 Acryl M	1.41 Acryl N
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
Skeletal Muscle Atrophy	(8)	(0)	(0)	(8)	(8)
NERVOUS SYSTEM					
Peripheral Nerve	(8)	(0)	(0)	(8)	(8)
Axon, Degeneration Spinal Cord, Lumbar Axon, Degeneration	(8)	(0)	(0)	(0)	(8)
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Urinary Bladder Lumen, Dilatation	(8)	(0)	(0)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

HEMATOPOIETIC SYSTEM

None

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	3.52 Acryl M	
Disposition Summary		
Animals Initially in Study Early Deaths	8	
Survivors Terminal Sacrifice	8	
Animals Examined Microscopically	8	
ALIMENTARY SYSTEM		
Liver	(8)	
Inflammation, Chronic Active	1 (13%)	
Tension Lipidosis	1 (13%)	
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		
Adrenal Cortex	(8)	
Subcapsular, Hyperplasia		
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Preputial Gland	(8)	
Cyst		
Testes Germinal Epithelium, Degeneration	(8) 6 (75%)	

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	3.52 Acryl M	
INTEGUMENTARY SYSTEM		
None		
MUSCULOSKELETAL SYSTEM		
Skeletal Muscle Atrophy	(8) 3 (38%)	
NERVOUS SYSTEM		
Peripheral Nerve Axon, Degeneration Spinal Cord, Lumbar Axon, Degeneration	(8) 8 (100%) (8) 8 (100%)	*
RESPIRATORY SYSTEM		
None		
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Urinary Bladder Lumen, Dilatation	(8) 8 (100%)	

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY

Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1
Pathologist: OLSON, G.

First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

Date Report Regsted: 06/29/2006

Time Report Regsted: 08:15:54

C57B!./6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Water F	0.14 Acryl F	0.35 Acryl F	0.70 Acryl F	1.41 Acryl F
Disposition Summary					
Animals Initially in Study Early Deaths Survivors	8	8	8 -	8	8
Terminal Sacrifice Animals Examined Microscopically	8 8	8	8	8	8 8
ALIMENTARY SYSTEM					
Liver Mineralization Tension Lipidosis	(8)	(0)	(1) 1 (100%)	(0)	(0)
CARDIOVASCULAR SYSTEM					
Heart Mineralization	(8) 1 (13%)	(0)	(0)	(0)	(0)
ENDOCRINE SYSTEM					
Adrenal Cortex Subcapsular, Hyperplasia	(8) 8 (100%)	(0)	(0)	(0)	(0)
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Ovary Anestrus	(8)	(0)	(1)	(0)	(8)
Cyst			1 (100%)		
HEMATOPOIETIC SYSTEM					
Spleen	(8)	(0)	(0)	(1)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Water F	0.14 Acryl F	0.35 Acryl F	0.70 Acryl F	1.41 Acryl F
Pigmentation				1 (100%)	
INTEGUMENTARY SYSTEM					
None		1-1-			
MUSCULOSKELETAL SYSTEM					
Skeletal Muscle Atrophy	(8)	(0)	(0)	(8)	(8)
NERVOUS SYSTEM					
Peripheral Nerve Axon, Degeneration	(8)	(0)	(0)	(8)	(8)
Spinal Cord, Lumbar Axon, Degeneration	(8)	(0)	(0)	(0)	(8)
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
Lens, Developmental Malformation	(8)	(0)	(0)	(1) 1 (100%)	(0)
URINARı' SYSTEM					
Urinary Bladder Lumen, Dilatation	(8)	(0)	(0)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

3.52 Acryl F	
8	
8	
8	
(8)	
1 (13%)	
(8)	
(8) 8 (100%)	
(8) 6 (75%)	
(8)	
	8 8 8 (8) 1 (13%) (8) 8 (100%)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	3.52 Acryl F	
Pigmentation		
INTEGUMENTARY SYSTEM		
None		
MUSCULOSKELETAL SYSTEM		
Skeletal Muscle Atrophy	(8) 5 (63%)	
NERVOUS SYSTEM		
Peripheral Nerve Axon, Degeneration Spinal Cord, Lumbar Axon, Degeneration	(8) 8 (100%) (8) 7 (88%)	
RESPIRATORY SYSTEM		
None		
SPECIAL SENSES SYSTEM		
Eye Lens, Developmental Malformation	(8)	
URINARY SYSTEM		
Urinary Bladder Lumen, Dilatation	(8) 4 (50%)	

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

C Number:

C20314

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

GLYCIDAMIDE

CAS Number: 5694-00-8
Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Water M	0.14 Glycid M	0.35 Glycid M	0.70 Glycid M	1.41 Glycid N
Disposition Summary					
Animals Initially in Study Early Deaths Survivors	8	8	8	8	8
Terminal Sacrifice	8	8 2	8 2	8	8
Animals Examined Microscopically	8	2	2		8
ALIMENTARY SYSTEM					
Liver Tension Lipidosis	(8) 1 (13%)	(0)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex Accessory Adrenal Cortical Nodule	(7) 1 (14%)	(0)	(0)	(0)	(0)
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Preputial Gland Cyst	(8)	(1) 1 (100%)	(1)	(0)	(0)
Duct, Dilatation	(0)		1 (100%)	(0)	(0)
Testes Germinal Epithelium, Degeneration	(8)	(0)	(0)	(0)	(8)

HEMATOPOIETIC SYSTEM

None

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Water M	0.14 Glycid M	0.35 Glycid M	0.70 Glycid M	1.41 Glycid M
INTEGUMENTARY SYSTEM					
Skin Inflammation, Chronic Active Fat, Necrosis	(8)	(0)	(1) 1 (100%) 1 (100%)	(0)	(0)
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
Peripheral Nerve Axon, Degeneration	(8)	(0)	(0)	(0)	(0)
RESPIRATORY SYSTEM					
Lung Inflammation, Chronic Active	(8)	(0)	(0)	(0)	(0)
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Urinary Bladder Lumen, Dilatation	(8)	(0)	(0)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	3.52 Glycid M	
Disposition Summary		
Animals Initially in Study Early Deaths Survivors	8	
Terminal Sacrifice	8 8	
Animals Examined Microscopically	8	
ALIMENTARY SYSTEM		
Liver Tension Lipidosis	(8)	
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		
Adrenal Cortex Accessory Adrenal Cortical Nodule	(8)	
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Preputial Gland Cyst Duct, Dilatation	(8)	
Testes Germinal Epithelium, Degeneration	(8) 7 (88%)	

HEMATOPOIETIC SYSTEM

None

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20314 - 02 Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	3.52 Glycid M	
INTEGUMENTARY SYSTEM		
Skin Inflammation, Chronic Active Fat, Necrosis	(8)	
MUSCULOSKELETAL SYSTEM		
None		
NERVOUS SYSTEM		
Peripheral Nerve Axon, Degeneration	(8) 1 (13%)	
RESPIRATORY SYSTEM		
Lung Inflammation, Chronic Active	(8) 1 (13%)	
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Urinary Bladder Lumen, Dilatation	(8) 1 (13%)	

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Water F	0.14 Glycid F	0.35 Glycid F	0.70 Glycid F	1.41 Glycid F
Disposition Summary					
Animals Initially in Study Early Deaths	8	- 8	8	8	8
Natural Death					1
Survivors Terminal Sacrifice	8	8	8	8	7
Animals Examined Microscopically	8	1		8 2	1
ALIMENTARY SYSTEM					
Mesentery	(0)	(0)	(0)	(1)	(0)
Fat, Necrosis Pancreas	(8)	(0)	(0)	1 (100%)	(0)
Cyst Salivary Glands Infiltration Cellular, Lymphoid	1 (13%) (8)	(0)	(0)	(0)	(1)
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex Accessory Adrenal Cortical Nodule Subcapsular, Hyperplasia	(7) 1 (14%) 6 (86%)	(0)	(0)	(0)	(1)
GENERAL BODY SYSTEM					
None	971				
GENITAL SYSTEM					
Ovary Cyst	(8)	(1) 1 (100%)	(0)	(1) 1 (100%)	(1)

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Water F	0.14 Glycid F	0.35 Glycid F	0.70 Glycid F	1.41 Glycid I
HEMATOPOIETIC SYSTEM					
Thymus	(8)	(0)	(0)	(0)	(0)
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
Peripheral Nerve Axon, Degeneration	(8)	(0)	(0)	(0)	(0)
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
None					

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	3.52 Glycid F	
Disposition Summary		
Animals Initially in Study Early Deaths Natural Death	8	
Survivors Terminal Sacrifice	8	
Animals Examined Microscopically	8	
ALIMENTARY SYSTEM		
Mesentery Fat, Necrosis	(0)	
Pancreas	(8)	
Cyst Salivary Glands	(8)	
Infiltration Cellular, Lymphoid	1 (13%)	
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		
Adrenal Cortex	(7)	
Accessory Adrenal Cortical Nodule Subcapsular, Hyperplasia	4 (57%)	
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Ovary	(8)	
Cyst		

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20314 - 02 Test Type: 90-DAY

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G. La

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	3.52 Glycid F	
HEMATOPOIETIC SYSTEM		
Thymus	(8)	
INTEGUMENTARY SYSTEM		
None		
MUSCULOSKELETAL SYSTEM		X-
None		
NERVOUS SYSTEM		
Peripheral Nerve Axon, Degeneration	(8) 1 (13%)	
RESPIRATORY SYSTEM		
None		
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
None		

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 04 Test Type: 90-DAY

Route: DOSED FEED

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

C Number:

C20313B

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

Species/Strain: MICE/B6C3F1/NCTR

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:06:38 First Dose M/F: 08/02/04 / 08/02/04

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:06:38 First Dose M/F: 08/02/04 / 08/02/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Feed M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM AcryL M	185 PPM Acryl I
Disposition Summary					
Animals Initially in Study	8	8	8	8	8
Early Deaths Accidently Killed Natural Death Survivors		1			1
Terminal Sacrifice Animals Examined Microscopically	8 8	7	8	8 2	7 8
ALIMENTARY SYSTEM					
None					
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM			-		
None	-				
GENITAL SYSTEM					
Epididymis	(8)	(0)	(0)	(0)	(1)
Hypospermia Testes Germinal Epithelium, Degeneration	(8)	(0)	(0)	(0)	(8)
HEMATOPOIETIC SYSTEM					
Spleen Hyperplasia, Lymphoid	(8) 3 (38%)	(0)	(0)	(1)	(1)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:06:38 First Dose M/F: 08/02/04 / 08/02/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Feed M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM AcryL M	185 PPM Acryl N
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
Skeletal Muscle Atrophy	(8)	(0)	(0)	(0)	(8)
NERVOUS SYSTEM					
Peripheral Nerve Axon, Degeneration	(8)	(0)	(0)	(0)	(8)
Spinal Cord, Lumbar Axon, Degeneration	(8)	(0)	(0)	(0)	(8)
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Urinary Bladder Lumen, Dilatation	(8)	(0)	(0)	(0)	(1)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:06:38 First Dose M/F: 08/02/04 / 08/02/04

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	370 PPM Acryl M	
Disposition Summary		
Animals Initially in Study Early Deaths	8	
Accidently Killed Natural Death	1	
Survivors Terminal Sacrifice	7	
Animals Examined Microscopically	8	
ALIMENTARY SYSTEM		
None		
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		
None		
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Epididymis	(7) 3 (43%)	
Hypospermia Testes	(7)	
Germinal Epithelium, Degeneration	7 (100%)	
HEMATOPOIETIC SYSTEM		
Spleen	(7)	
Hyperplasia, Lymphoid		

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 04 Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:06:38 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	370 PPM Acryl M	
INTEGUMENTARY SYSTEM		
None		
MUSCULOSKELETAL SYSTEM		
Skeletal Muscle Atrophy	7 (100%)	
NERVOUS SYSTEM		
Peripheral Nerve Axon, Degeneration Spinal Cord, Lumbar Axon, Degeneration	(7) 5 (71%) (7) 2 (29%)	
RESPIRATORY SYSTEM		
None		
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Urinary Bladder Lumen, Dilatation	(7) 7 (100%)	

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:06:38 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Feed F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl	
Disposition Summary						
Animals Initially in Study Early Deaths Survivors	8	8	8	8	8	
Terminal Sacrifice Animals Examined Microscopically	8	8	8	8	8	
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
Adrenal Cortex Accessory Adrenal Cortical Nodule	(8)	(0)	(0)	(0)	(0)	
Subcapsular, Hyperplasia	5 (63%)					
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary Anestrus Cyst	(8)	(0)	(0)	(0)	(8)	
HEMATOPOIETIC SYSTEM						
Lymph Node, Mandibular Hyperplasia, Lymphoid	(8)	(0)	(0)	(0)	(0)	
Lymph Node, Mesenteric	(8)	(0)	(0)	(0)	(0)	

a - Number of animals examined microscopically at site and number of animals with lesion

Page 6

TDMS No. 20313 - 02 Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 ·Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 0 7	0 0 0 7	0 0 0 7	0 0 0 7	0 0 0 8	0 0 0 8	0 0 0 8	0 0 0 8	
Control Water F	1	2	3	4	1	2	3	4	* TOTALS
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	
Brain, Cerebrum	+	+	+	+	+	+	+	+	8
Peripheral Nerve	+	+	+	+	+	+	+	+	.8
Spinal Cord, Cervical	+	. +	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	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 BLANK .. Not examined microscopically

TDMS No. 20313 - 02 Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	0 0	0 0	0 0	0 0	1 0 0	1 0 0		
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Water F		0 0 0 7 2	0 0 0 0 7 7	0 0 0 7 4	0 0 0 8 1	0 0 0 8 2	0 0 0 8 3))))	* TOTALS
RESPIRATORY SYSTEM									
Lung	+	+	+	+	+	+	+	F.	8
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM									
Eye	+	+	+	+	+	+	+	t	. 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

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

	1.								
DAY ON TEST	0	0	0	0	1	0	0	0	,
	0	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 1	
0.35 Acryl F	5	5 2	5	5	6	6 2	6	6	* TOTALS
ALIMENTARY SYSTEM									
Liver			******			+	******		 1
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM NONE									
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM									
Ovary			******		******	+			 1
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM NONE									

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

DAYON TEST	1	1 0	1	1	1	1	1		
DAY ON TEST	0	0	0	0	0	0	0)	
0	0	0	0	0	0	0	0)	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0		
MICE FEMALE	1	1	1	1	1	1	1	1	
ANIMAL ID	5	5	5	5	6	6	6	6	
0.35 Acryl F	1	2	3	4	1	2	3	4	* TOTAL

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ

1

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	1	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 1 9	0 0 1 9	0 0 1 9	0 0 1 9	0 0 2 0	0 0 2 0	0 0 2 0	0 0 2 0	
0.70 Acryl F	1	2	3	4	1	2	3	4	* TOTALS
ALIMENTARY SYSTEM NONE									
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM									
GENERAL BODY SYSTEM									
GENITAL SYSTEM NONE									
HEMATOPOIETIC SYSTEM									
Spleen	*****		******			+			1
INTEGUMENTARY SYSTEM									

MUSCULOSKELETAL SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 · Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0		,
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 0.70 Acryl F	0 0 1 9	0 0 1 9 2	0 0 1 9 3	0 0 1 9 4	0 0 2 0 1	0 0 2 0 2	0 0 2 0 3		* TOTAL
Skeletal Muscle	+	+	+	+	+	+	+		8
NERVOUS SYSTEM									
Peripheral Nerve	+	+	+	+	+	+	+	F (8
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM									
Eye	******			+			******		1
URINARY SYSTEM NONE									
SYSTEMIC LESIONS									
Multiple Organ	+	+	+	+	+	+	+	+	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

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

	1	T		1		1 1			
DAY ON TEST	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 1.41 Acryl F	0 0 1 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 2	0 0 1 2 2	0 0 1 2 3	0 0 1 2 4	* TOTAL
ALIMENTARY SYSTEM NONE									
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM NONE									
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM								H.	
, Ovary	+		+	+	+	+	+	+	8
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM									
Skin	*****				+				1

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0	1 0 0	1 0 0	1 0	
					1	,	1	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE FEMALE ANIMAL ID	1	1	1	1	1 2	1 2	1 2	
1.41 Acryl F	1	2	3	4	1	2	3	 TOTAL

MUSCULOSKELETAL SYSTEM

Skeletal Muscle	+ + + + + + +	8

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

121				******					
1.41 Acryl F	1	2	3	4	1	2	3	4	* TOTAL:
ANIMAL ID	1	1	1	1	2	2	2	2	
MICE FEMALE	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
DAY ON TEST	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	1	1	1	1	1	1	1		
DAY ON TEST	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0		
SEZDI /CN VCQU/UEN MTV NOTD	0	0	0	0	0	0	0	-	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0		
MICE FEMALE	0	0	0	0	0	0	0		
ANIMAL ID	3	3	3	3	4	4	4		
3.52 Acryl F	1	2	3	4	1	2	3		* TOTAI

ALIMENTARY SYSTEM

Esophagus	+ + + + + + +	8
Gallbladder	+ + + + M + + +	7
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

 $^{^{\}star}$.. Total animals with tissue examined microscopically; Total animals with tumor + .. Tissue examined microscopically x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	0 0	1 0 0	1 0 0	0 0	.1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 3.52 Acryl F	0 0 0 3 1	0 0 0 3 2	0 0 0 3 3	0 0 0 3 4	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	÷	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	M	+	+	+	+	+	+	7
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	. 8
Adrenal Medulla	+	+	+	+	+	+	+	+	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	М	+	+	+	+	+	7
Pituitary Gland	M	+	+	+	+	+	+	+	7
Thyroid Gland	+	+	М	+	+	+	+	+	7

GENERAL BODY SYSTEM

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 4	0 0 0 4	0 0 0 4	0 0 0 4	
3.52 Acryl F	1	2	3	4	1	2	3	4	* TOTALS
GENITAL SYSTEM									
Clitoral Gland	+	+	+	+	+	+	+	+	8 -
Ovary	+	+	+	+	+	+	+	+	8
Uterus	+	+	+	+	+	+	+	+	8
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular	М	+	+	+	+	+	+	+	7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8

INTEGUMENTARY SYSTEM

Mammary Gland

Spleen

Thymus

8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

A.. Autolysis precludes evaluation

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 4	0 0 0 4	0 0 0 4	0 0 0 4	
3.52 Acryl F	1	2	3	4	1	2	3	4	* TOTALS
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Fernur	+	+	+	+	+	+	+	+	· _ 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

 $^{^\}star$.. 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

RESPIRATORY SYSTEM Lung	DAY ON TEST	1 0 0	1 0 0	1 0 0	0 0	1 0 0	1 0 0	1 0 0	0 0	
Lung + + + + + + + + + + + + + + + + + + +	C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID		0 0 3	0 0 3	0 0 3	0 0 4	0 0 4	0 0 4	0	* TOTAL
Lung + + + + + + + + + + + + + + + + + + +										
Nose	Lung	+	+	+	+	+	+	+	+	8
Trachea + + + + + + + + + + + + + + + + + + +	Nose	+	+	+	+	+	+	+	+	8
Eye	Trachea	+	+	+	+	+	+	+		8
Eye + + + + + + + + + + + + + + + + + + +	SPECIAL SENSES SYSTEM									
Harderian Gland + + + + + + + + + + + + + + + + + + +	Eye	+	+	+	+	+	+	+	+	8 :
Kidney + + + + + + + + + + + + + + + + + + +	Harderian Gland	+	+	+	+	+	+	+	+	8
Kidney + + + + + + + + + + + + + + + + + + +	URINARY SYSTEM							ń		
Urinary Bladder + + + + + + + + + + + + + + + + + + +	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

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G.

Lab. NOTE

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	
		0	0		0		0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE FEMALE	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	4	4	4	
3.52 Acryl F	1	2	3	4	1	2	3	* TOT

*** END OF REPORT ***

^{* ..} 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 BLANK .. Not examined microscopically

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

C Number:

C20314

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
GLYCIDAMIDE

GLYCIDAMIDE S Number: 5694-00

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

	0	0	0	0	0	0	0	*	
DAY ON TEST	9	9	9	9	9	9	9		
	9	9	9	9	9	9	9		
SEZDI (CNI VOCIJAJENI METV NOTO	0	0	0	0	0	0	0		
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0		
MICE MALE	4	4	4	4	4	4	4		
ANIMAL ID	1	1	1	1	2	2	2		1.0
Control Water M	1	2	3	4	1	2	3		* TOTAL

ALIMENTARY SYSTEM

Species/Strain: MICE/B6C3F1/NCTR

Esophagus	+ + + + + + + +	8
Gallbladder	+ + + + + + +	8
Intestine Large, Cecum	+·+·+·+·+·+	8
Intestine Large, Colon	+ + + + + + +	8
Intestine Large, Rectum	+ + + + M + + +	7
Intestine Small, Duodenum	+ + + + + + +	8
Intestine Small, Ileum	+ + + + + + +	- 8
Intestine Small, Jejunum	+ + + + + + +	8
Liver	+ + + + + + + +	8
Pancreas	+ + + + + + +	8
Salivary Glands	+ + + + + + +	8
Stomach, Forestomach	+ + + + + + +	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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	9 9	9	9	9	9	9 9	0 9 9	9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 4 1	0 0 4 1	0 0 4 1	0 0 4 1	0 0 4 2	0 0 4 2	0 0 4 2	0 0 4 2		
Control Water M	1	2	3	4	1	2	3	4	* TOTA	ALS
Stomach, Glandular	+	+	+	+	+	+	+	+		8
Tongue	+	+	+	+	+	+	+	+		8
CARDIOVASCULAR SYSTEM										
Blood Vessel	+	+	+	+	+	+	+	+		8
Heart	+	+	+	+	+	+	+	+	7	8
ENDOCRINE SYSTEM										
Adrenal Cortex	M	+	+	+	+	+	+	+		7
Adrenal Medulla	M	+	+	+	+	+	+	+		7
Islets, Pancreatic	+	+	+	+	+	+	+	+	- 1	8
Parathyroid Gland	+	+	+	+	+	+	+	+		8
Pituitary Gland	+	+	+	+	+	М	+	+		7
Thyroid Gland	+	+	+	+	+	+	+	+	T = 1	8

GENERAL BODY SYSTEM

^{* ..} 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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	9 9	0 9 9	0 9 9	9	0 9 9	0 9 9	0 9 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					0 4 2	0 4 2	* TOTALS
NONE									
GENITAL SYSTEM								4.0	
Epididymis	+	+	+	+	+	+	+	t = =	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

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

x .. Lesion present
I .. Insufficient tissue

M .. Missing tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	9	0 9	0 9 9	9	0 9 9	9	9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M	0 0 4 1	0 0 4 1 2	0 0 4 1 3	0 0 4 1 4	0 0 4 2 1	0 0 4 2 2	0 0 4 2 3	1 1 1 4 2 4	* TOTAL
NTEGUMENTARY SYSTEM									
Mammary Gland	М	M	M	М	М	M	М	М	0
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	8
Brain, Cerebrum	+	+	+	+	+	+	+	+	.8
Peripheral Nerve	+	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0 9 9	9	9	9 9	0 9 9	9 9	0 9 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 4 1	0 0 4 1	0 0 4 1	0 0 4 1	0 0 4 2	0 0 4 2	0 0 4 2	0 0 4 2	
Control Water M	i	2	3	4	1	2	3	4	* TOTALS
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 BLANK .. Not examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

Multiple Organ				******				******		
Control Water M		1	2	3	4	1	2	3	4	* TOTALS
	NIMAL ID	1	1	1	1	2	2	2	2	
MICE MALE		4	4	4	4	4	4	4	4	
	NUTH	0	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-	MCTD	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	
DAY	ON TEST	9	9	9	9	9	9	9	9	
		0	0	0	0	0	0	0	0	

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	9	0 9 9	0 9 9	9	0 9	0 9 9	0 9 9	0 9 9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 0.14 Glycid M	0 0 3 7	0 0 3 7 2	0 0 3 7 3	0 0 3 7 4	0 0 3 8 1	0 0 3 8 2	0 0 3 8 3	0 0 3 8 4		* TOTALS
ALIMENTARY SYSTEM NONE	1.	-	10			-	3	7		TOTAL
CARDIOVASCULAR SYSTEM NONE										
ENDOCRINE SYSTEM NONE										
GENERAL BODY SYSTEM NONE										
GENITAL SYSTEM										
Preputial Gland	*****				******	+				1
HEMATOPOIETIC SYSTEM										
Spleen		+	*****			******				1
INTEGUMENTARY SYSTEM NONE									1946	

M .. Missing tissue

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

2

Lab: NCTR

	+											
DAY ON TEST	9 9	0 9 9	0 9 9	0 9 9	9	0 9	0 9	0 9 9				
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 0.14 Glycid M	0 0 3 7 1	0 0 3 7 2	0 0 3 7 3	0 0 3 7 4	0 0 3 8 1	0 0 3 8 2	0 0 3 8 3	0 0 3 8 4		4		* TOTALS
MUSCULOSKELETAL SYSTEM NONE												
NERVOUS SYSTEM NONE												
RESPIRATORY SYSTEM NONE										-Ar		
SPECIAL SENSES SYSTEM NONE												
URINARY SYSTEM												
SYSTEMIC LESIONS												

Multiple Organ

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	0 9 9	0 9 9	9	0 9 9	9	0 9	0 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	
0.35 Glycid M	5	5 2	5	5 4	6	6 2	6	6 4	* TOTAL
ALIMENTARY SYSTEM NONE									
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM NONE									
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM									
Preputial Gland								+ · ·	1
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM									
Skin			•••••		•••••		+		1

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	9 9	0 9 9	0 9 9	9 9	0 9 9	0 9 9	0 9 9	°0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 0.35 Glycid M	0 0 4 5	0 0 4 5 2	0 0 4 5 3	0 0 4 5 4	0 0 4 6 1	0 0 4 6 2	0 0 4 6 3	0 0 4 6 4	* TOTALS
MUSCULOSKELETAL SYSTEM NONE									
NERVOUS SYSTEM NONE									
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM NONE									
URINARY SYSTEM NONE									
SYSTEMIC LESIONS									
Multiple Organ	*****		*******	*****			+	+.	2

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0 9 9	0 9 9	0 9 9	0 9	0 9	9	0 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 2 5	0 0 2 5	0 0 2 5	0 0 2 5	0 0 2 6	0 0 2 6	0 0 2 6	0 0 2 6	
1.41 Glycid M	1	2	3	4	1	2	3	4	* TOTALS
ALIMENTARY SYSTEM NONE									
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM NONE									
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM									
. Testes	+	+	+	+	+	+	+	+	8
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM NONE									

MUSCULOSKELETAL SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

				_					
DAY ON TEST	9 9	0 9	0 9 9	9	9	9	9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 1.41 Glycid M	0 0 2 5	0 0 2 5 2	0 0 2 5 3	0 0 2 5 4	0 0 2 6 1	0 0 2 6 2	0 0 2 6 3	0 0 2 6 4	* TOTALS
NONE									
NERVOUS SYSTEM NONE									
RESPIRATORY SYSTEM NONE								- X	
SPECIAL SENSES SYSTEM NONE									
URINARY SYSTEM NONE									
SYSTEMIC LESIONS									
Multiple Organ	····	+	+	+	+	+	+	+	8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

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

TDMS No. 20314 - 02

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	
DAY ON TEST	9	9	9	9	9	9	9	
	9	9	9	9	9	9	9	
	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE MALE	3	3	3	3	3	3	3	
ANIMAL ID	3	3	3	3	4	4	4	
3.52 Glycid M	1	2	3	4	1	2	3	* TOT

ALIMENTARY SYSTEM

Esophagus	+ + + + + + +	8
Gallbladder	+ + + + + + + +	- 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

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	9 9	9 9	9	9 9	0 9 9	9	0 9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 3 3	0 0 3 3	0 0 3 3	0 0 3 3	0 0 3 4	0 0 3 4	0 0 3 4		
3.52 Glycid M	1	2	3	4	1	2	3		* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+		8
Tongue	+	+	+	+	+	+	+		8
CARDIOVASCULAR SYSTEM Blood Vessel									8
blood vessel	+	+	+	+	+	+	+		0
Heart	+	+	+	+	+	+	+		8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+		- 8
Adrenal Medulla	+	+	+	+	+	+	+	- ×	
Islets, Pancreatic	+	+	+	+	+	+	+		
Parathyroid Gland	+	+	+	М	+	М	+	•	6
Pituitary Gland	+	+	+	+	+	+	+		
Thyroid Gland	+	+	+	+	+	+	+	+	8

GENERAL BODY SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

									A CONTRACTOR OF THE CONTRACTOR
DAY ON TEST	0 9 9	9 9	9 9	0 9 9	0 9 9	0 9 9	9 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 3 3	0 0 3 3	0 0 3 3	0 0 3 3	0 0 3 4	0 0 3 4	0 0 3 4	0 0 3 4	
3.52 Glycid M	1	2	3	4	1	2	3	4	* TOTAL
NONE								2	
GENITAL SYSTEM									
Epididymis	+	+	+	+	+	+	+	+	8
Preputial Gland	+	+	+	+	+	+	+	+	8
Prostate	+	+	+	+	+	+	+	+	8
Scminal Vesicle	+	+	+	+	+	+	+	+	8
Testes	+	+	+	+	+	+	+	+	8
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	8
Thymus	+	+	+	+	+	+	+	+	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

BLANK .. Not examined microscopically

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	0 9	0 9	0 9	0	9	0 9	0 9	0	
	9	9	9	9	9	9	9	9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 3	0 0 3	0 0 3	0 0 3	0 0 3	0 0 3	0 0 3	0 0 3	
3.52 Glycid M	3	3 2	3	3 4	1	2	3	4	* TOTAL
NTEGUMENTARY SYSTEM									
Mammary Gland	M	М	М	М	М	М	M	M	0
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Fernur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Brain, Brain Stern	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	8
Brain, Cerebrum	+	+	+	+	+	+	+	+	8
Peripheral Nerve	+	+	+	+	+	+	+	+	8.
Spinal Cord, Cervical	+	+	+	+	+	ŧ	+	+	. 8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	
5,11 61(126)	6	6	6	. 6	6	6	6	
NEEDL JOHN WOOLINGTON NEEDL MOTO	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE MALE	6	6	6	6	6	6	6	
ANIMAL ID	1	1	1	1	2	2	2	
Control Feed M	1.	2	3	4	1	2	3	* TO

ALIMENTARY SYSTEM

Esophagus	+ + + + + + +	8
Gallbladder	+ + + + + + + -	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

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ...} Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Feed M	0 0 6 1	0 0 6 1 2	0 0 6 1 3	0 0 6 1 4	0 0 6 2 1	0 0 6 2 2	0 0 6 2 3		* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+		8
Tongue	+	+	+	+	+	+	+	·	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	+	+	+	8
Heart	+	+	+	+	+	+	+	t	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+.	+ =	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	M			+	+	M	5
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	8

GENERAL BODY SYSTEM

^{..} 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

BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

	1	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	
***************************************		,,,,,	,	· · · · ·					
CEZEL ICH VOOLULEN MEN NOTE	0	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
MICE MALE	6	6	6	6	6	6	6	6	
ANIMAL ID	1	1	1	1	2	2	2	2	
Control Feed M	1	2	3	4	1	2	3	4	* TOT

NONE

GENITAL SYSTEM

Epididymis	+ + + + + + + +	8
Preputial Gland	+ + + + + + +	8
Prostate	+ + + M + + + M	6
Seminal Vesicle	+ + + + + + +	8
Testes	+ + + + + + +	8

HEMATOPOIETIC SYSTEM

Bone Marrow	+ + + + + + + +	8
Lymph Node, Mandibular	+ + + + + + +	8
Lymph Node, Mesenteric	+ + + + + + +	8
Zympiritodo, modernom		
Spleen	+ + + + + + + +	8
Thymus	+ + + + + + + +	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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 6 1	0 0 6 1	0 0 6 1	0 0 6 1	0 0 6 2	0 0 6 2	0 0 6 2	0 0 6 2	
Control Feed M	1	2	3	4	1	2	3	4	* TOTAL
INTEGUMENTARY SYSTEM	20000								
Mammary Gland	M	М	М	M	М	М	М	M	0
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	+	8
	*****							***************************************	

Brain, Cerebellum

Brain, Cerebrum

Peripheral Nerve

Spinal Cord, Cervical

Spinal Cord, Lumbar

Page 5

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	0	0	1	0	0	1	1	1	
	6	6	6	6	6	6	6	6	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
MICE MALE	6	6	6	6	6	6	6	6	
Control Feed M	1	1 2	1	1 4	1	2 2	2	2 4	OTAL
Spinal Cord, Thoracic		+		+				+	8
RESPIRATORY SYSTEM		-		_		- AME			
TIEST TIATOTT STOTEM									
Lung	+	+	+	+	+	+	4	+	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 BLANK .. Not examined microscopically

Route: DOSED FEED
Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Multiple Organ	*****	******			*******	*****	******		
	-			_	-	1			
Control Feed M	1	2	3	4	1	2	3	1	* TOTAL
ANIMAL ID	1	1	1	1	2	2	2	2	
MICE MALE	6	6	6	6	6	6	6	3	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0) -	
CEZDI /CN VOQU/UEN MTV NOTO	0	0	0	0	0	0	0)	
500,500,500	6	6	6	-6	6	6	6	3	
DAY ON TEST	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1		

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

	1	0	1	1	1	1	1	
DAY ON TEST	0	1	0	0	0	0	0	
	6	9	6	6	6	6	6	
DEZDI (CNI VOQUI/UENI METVI NOTO	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE MALE	6	6	6	6	6	6	6	
ANIMAL ID	5	5	5	5	6	6	6	
18.5 PPM Acryl M	1	2	3	4	1.	2	3	* -

ALIMENTARY SYSTEM

Esophagus	M	0
Gallbladder	M	0
Intestine Large, Cecum	M	0
Intestine Large, Colon	М	0
Intestine Large, Rectum	M	0
Intestine Small, Duodenum	M	0
Intestine Small, Ileum	M.	40.
Intestine Small, Jejunum	M	0
Liver	Α	0
Pancreas		0
Salivary Glands	M	0
Stomach, Forestomach	M	0

^{* ..} 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 BLANK .. Not examined microscopically

TDMS No. 20313 - 04 Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 6	0 1 9	1 0 6	1 0 6	1 0 6	0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 6 5	0 0 6 5	0 0 6 5	0 0 6 5	0 0 6 6	0 0 6 6	0 0 6 6	0 0 6 6	
18.5 PPM Acryl M	1	2	3	4	1	2	3	4	* TOTALS
Stomach, Glandular		M							0
Tongue	******	M	******	******				*****	0
ENDOCRINE SYSTEM		М							0
ENDOCRINE SYSTEM						Tag Down		754785400	
Adrenal Cortex		M							0
Adrenal Medulla		M							0
Islets, Pancreatic	*****	М			******		******	*******	0
Parathyroid Gland	****	M		******	*******		******	*******	.0
Pituitary Gland	71111	M							0
Thyroid Gland	*****	M		******	******	•••••		*******	0

GENERAL BODY SYSTEM

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 6	0 1 9	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 6 5	0 0 6 5	0 0 6 5	0 0 6 5	0 0 6 6	0 0 6 6	0 0 6	0 0 6 6	
18.5 PPM Acryl M	1	2	3	4	1	2	3	4	* TOTAL
NONE									
GENITAL SYSTEM									
Epididymis		М		******	******	******			0
Preputial Gland	******	M			******	*******			0
Prostate	М						0		
Seminal Vesicle	******	M			******				0
Testes	*****	Α		*******		******			0
HEMATOPOIETIC SYSTEM									
Bone Marrow	*****	N	1				*******		0
Lymph Node, Mandibular		N	1						0
Lymph Node, Mesenteric		N				•••••			0
Spleen	*****	N							0
Thymus	*****	N		******		******			0

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0	0	1 0	1 0	1 0	1 0	1 0	1 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 6	0 0 6	0 0 6	6 0 0 6	6 0 0 6	6 0 0 6	0 0 6	0 0 6	
18.5 PPM Acryl M	5	5 2	5	5 4	6	6 2	6	6 4	* TOTALS
INTEGUMENTARY SYSTEM							ī		
Mammary Gland		M			******		******		0
Skin		М			******	******	*******		0
MUSCULOSKELETAL SYSTEM									
Bone, Femur	******	М	******						0
Skeletal Muscle	******	Α			******				0
NERVOUS SYSTEM									
, Brain, Brain Stem		M			******	******	*******		.0
Brain, Cerebellum	*****	M	ıı						0
Brain, Cerebrum	******	M		******	*******		******		0
Peripheral Nerve		A		*****	*****	******	*******	······································	0
Spinal Cord, Cervical		N		*****					0
Spinal Cord, Lumbar	*****	N	1			******			0

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

DAY ON TEST	6	0 1 9	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6			
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 18.5 PPM Acryl M	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							0 6 6	* TOTALS		
Spinal Cord, Thoracic	********	М							0		
RESPIRATORY SYSTEM											
Lung	********	Α	******	******					0		
Nose		М			*****	*******			0		
Trachea	•••••	М		******	*****			1	0		
SPECIAL SENSES SYSTEM											
Eye	*******	М			*****		,		0		
Harderian Gland	********	М	******		******				0		
URINARY SYSTEM											
Kidney	*******	Α					•••••		0		
Urinary Bladder	********	М				********			0		

SYSTEMIC LESIONS

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

Multiple Organ

	1	0	1	1	1	1	1	
DAY ON TEST	0	1	0	0	0	0	0	
	6	9	6	6	6	6	6	
CEZRI (CN VOQU/LIEN MTV NOTE	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE MALE	6	6	6	6	6	6	6	
ANIMAL ID	5	5	5	5	6	6	6	
18.5 PPM Acryl M	1	2	3	4	1	2	3	* TOTAL

^{* ..} 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 BLANK .. Not examined microscopically

TDMS No. 20313 - 04 Test Type: 90-DAY

Route: DOSED FEED Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	0 6	0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	7
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 74 PPM AcryL M	0 0 5 7 1	0 0 5 7 2	0 0 5 7 3	0 0 5 7 4	0 0 5 8 1	0 0 5 8 2	0 0 5 8 3	* TOTALS
ALIMENTARY SYSTEM NONE								
CARDIOVASCULAR SYSTEM NONE								
ENDOCRINE SYSTEM								
GENERAL BODY SYSTEM								
GENITAL SYSTEM NONE								
HEMATOPOIETIC SYSTEM								
	*****						******	

MUSCULOSKELETAL SYSTEM

NONE

M .. Missing tissue

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

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 6 6 6 6 6 6 6 6 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 74 PPM AcryL M	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5 5 5 5	* TOTALS
NONE		
NERVOUS SYSTEM		
Brain, Cerebrum	+	1
RESPIRATORY SYSTEM NONE		
SPECIAL SENSES SYSTEM NONE		= + =
URINARY SYSTEM		
SYSTEMIC LESIONS		
Multiple Organ	+ +	2

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

L .. Insufficient tissue

M .. Missing tissue

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR			
		. 1	

	0	1	1	1	1	1	1	
DAY ON TEST	2	0	0	0	0	0	0	
	1	6	6	6	6	6	6	
	10							
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	
MICE MALE	5	5	5	5	5	5	5	
ANIMAL ID	3	3	3	3	4	4	4	
185 PPM Acryl M	1	2	3	4	1	2	3	* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	1.1
Gallbladder	+	1

Intestine Large, Cecum	+	1
Intestine Large, Colon	11	- 1
11-2-1		
Intestine Large, Rectum	+	1
Intestine Small Duadenum		
Intestine Small, Duodenum	+	1.
Intestine Small, Ileum		1
micdine origin, neum	1	
Intestine Small, Jejunum	+	1
, , , , , , , , , , , , , , , , , , , ,		
Liver	+	1
Pancreas	+	. 1

Salivary Glands	+	1
Stomach, Forestomach	+	1

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	0 2 1	0 6	1 0 6	0 6	0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 185 PPM Acryl M	0 0 5 3 1	0 0 5 3 2	5	0 0 5 3 4	0 0 5 4 1	0 0 5 4 2	0 0 5 4 3	0 0 5 4 4	* TOTALS
Stomach, Glandular	+								t
Tongue	+			******		******	******		1.
CARDIOVASCULAR SYSTEM									
Blood Vessel	+		******						1
Heart	+		******		••••••	******			1.1
ENDOCRINE SYSTEM									
Adrenal Cortex	+								1
Adrenal Medulla	4		*******	******	*******		******		1
Islets, Pancreatic	+		*****		******				1
Parathyroid Gland					******				0
Pituitary Gland	4					******	******		1
			******	******		******	*****		

GENERAL BODY SYSTEM

Thyroid Gland

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	0 2 1	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 5 3	0 0 5 3	0 0 5 3	0 0 5 3	0 0 5	0 0 5	0 0 5	0 0 5	
185 PPM Acryl M	1	2	3	4	1	2	3	4	* TOTALS
NONE									
GENITAL SYSTEM									
Epididymis	+		******	*****	******	******			1
Preputial Gland +									-1
Prostate +								1	
Seminal Vesicle	+			******		******			1
Testes	+	+	+	+	+	+	+	+	8.
HEMATOPOIETIC SYSTEM							¥		
Bone Marrow	+						*******		1
Lymph Node, Mandibular	+	******	******	******			*******		1
Lymph Node, Mesenteric	+		******	******	******	******			1
Spleen +								1	
Thymus	+	******	******	******					1

^{* ...} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	0 2 1	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 5	0 0 5	0 0 5	0 0 5	0 0 5	0 0 5	0 0 5	0 0 5	
185 PPM Acryl M	3	3 2	3	3 4	1	2	3	4	* TOTAL
INTEGUMENTARY SYSTEM									
Mammary Gland	М								0
Skin	+	*****		*****		******			1
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	******					•••••		√1
Skeletal Muscle	+	+	+	+	+	4	+	+	- 8
NERVOUS SYSTEM									
Brain, Brain Stem	+		******					-0.5	1
Brain, Cerebellum	+	******							-1
Brain, Cerebrum	+			*****		*******			1
	.,	•••••		*****					

Peripheral Nerve

Spinal Cord, Cervical

Spinal Cord, Lumbar

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	0 2 1	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 185 PPM Acryl M		0 0 5 3 2	0 0 5 3 3	0 0 5 3 4	0 0 5 4 1	0 0 5 4 2	0 0 5 4 3	0 0 5 4 4		* TOTALS
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+		-8
RESPIRATORY SYSTEM										
Lung	+	******		•••••		******	*******	***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	 1
Nose	+			******		******		***************************************	*****************	 1
Trachea	+		******	******	*****	******	*****	***************************************	***************************************	 1
SPECIAL SENSES SYSTEM										
Eye	+	*******		******			******			 1
Harderian Gland	+			*******				*******************		 -1
URINARY SYSTEM										
Kidney	+									1
Urinary Bladder	+					******			************	 1-

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

BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

Multiple Organ

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

8

	0	1	1	1	1	1	1	
DAY ON TEST	2	0	0	0	0	0	0	
	1	6	6	6	6	6	6	
NEZDI (CNI VOCIJIJIENI MEV NICED	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
NICE MALE	5	5	5	5	5	5	5	
ANIMAL ID	3	3	3	3	4	4	4	
185 PPM Acryl M	1	2	3	4	1	2	3	* TO

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 - 6	1 0 6	0 6 2	1 0 6	
OFTEN AN VOCUMEN MEN NOTE	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE MALE	4	4	. 4	4	5	5	5	
ANIMAL ID	9	9	9	9	0	0	0	
370 PPM Acryl M	1	2	3	4	1	2	3	* TOTALS

ALIMENTARY SYSTEM

Esophagus	+ + + + + A + +	7
Gallbladder	+ + + + A + +	7
Intestine Large, Cecum	+ + + + A + +	7
Intestine Large, Colon	+ + + + + A + +	7
Intestine Large, Rectum	+ + + + M + +	7
Intestine Small, Duodenum	+ + + + A + +	7
Intestine Small, Ileum	+ + + + A + +	7
Intestine Small, Jejunum	+ + + + A + +	7
Liver	+ + + + A + +	7
Pancreas	+ + + + A + +	7
Salivary Glands	+ + + + A + +	7
Stomach, Forestomach	+ + + + A + +	7

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	0 6 2	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 4 9	0 0 4 9	0 0 4 9	0 0 4 9	0 0 5 0	0 0 5 0	0 0 5 0	0 0 5 0	
370 PPM Acryl M	-1	2	3	4	1	2	3	4	* TOTALS
Stomach, Glandular	+	+	+	+	+	Α	+	+	7
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	Α	+	+	7
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	A	+	+	7
Adrenal Medulla	+	+	+	+	+	Α	+	+	7
Islets, Pancreatic	+	+	+	+	+	Α	+	+	7
Parathyroid Gland	+	+	+	+	M	Α	+	+ -	6-
Pituitary Gland	+	+	+	+	+	Α	+	+	7
Thyroid Gland	+	+	+	+	+	A	+	+	7

GENERAL BODY SYSTEM

^{* ..} 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 BLANK .. Not examined microscopically

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	0 9 9	0 9 9	0 9 9	9	9	0 9 9	0 9 9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 3.52 Acryl M	0 0 0 1	0 0 0 1 2	0 0 0 1 3	0 0 0 1 4	0 0 0 2	0 0 0 2 2 2	0 0 0 2 3))) 2	* TOTAL
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 -
Parathyroid Gland	+	+	M	+	+	+	+	+	7_
Pituitary Gland	+	+	+	М	+	+	+	+	7
Thyroid Gland	+	+	+	+	+	+	+	+	8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	0	0	0	0	0	0	0	
DAY ON TEST	9	9	9	9	9	9	9	
	9	9	9	9	9	9	9	
		٠			****			
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	
MICE MALE	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	2	2	2	
3.52 Acryl M	1	2	3	4	1	2	3	* TO

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

	******			••••••					
Epididymis	+	+	+	+	+	+	+	+	8
Preputial Gland	+	+	+	+	+	+	+	+	8
Prostate	+	+	+	+	+	+	+	+	8
Seminal Vesicle	+	+	+	+	+	+	ŧ	+	8
Testes	+	+	+	+	+	+	+	+	8
Germinal Epithelium, Degeneration	2	1	1	1	2			1	6 1.

HEMATOPOIETIC SYSTEM

Bone Marrow	+ + + + + + +	. 8
Lymph Node, Mandibular	M + + + + + + + +	7
Lymph Node, Mesenteric	+ + + + + + + + +	8
Spleen	+ + + + + + +	8

^{...} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

M .. Missing tissue

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

Page 16

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate 2) Mild

4) Marked

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL **ACRYLAMIDE**

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	0 9 9	0 9 9	0 9	0 9	9	0 9	9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 3.52 Acryl M	0 0 0 1 1	0 0 0 1 2	0 0 0 1 3	0 0 0 1 4	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4	* TOTAL
Thymus	+	+	+	·····	+	+	+	+	8
INTEGUMENTARY SYSTEM									
Mammary Gland	М	M	М	М		М	М	М	0
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle Atrophy	+ 2	+	+	+	+	+	+	+	8 3 1.3
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	88
Brain, Cerebrum	+	+	+	+	+	+	+	+	8
Peripheral Nerve	+	+	+	+	+	+	+	+	8

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

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

Page 17

^{1-4 ..} Lesion qualified as:

¹⁾ Minimal 3) Moderate 2) Mild 4) Marked

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	9	9	0 9 9	9	0 9 9	9	9	9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 3.52 Acryl M	0 0 0 1 1	0 0 0 1 2	0 0 0 1 3	0 0 0 1 4	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4	* TOTALS
Axon, Degeneration	1	1	1	1	1	1	1	1	8 1.0
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar Axon, Degeneration	+	†	+	+	+	†	+	† 1	8 8 1.0
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8
						_			
RESPIRATORY SYSTEM								7	
RESPIRATORY SYSTEM Lung	+	+	+	+	+	+	+	+ -	. 8
	+	+	+	+	+	+	+	+	. 8
Lung	+ +	+	+ +	+ + +	+ + + +	+ +	+ +	+	. 8
Lung	+ +	+	+	+ +	+ + +	+ + +	+	+	. 8
Lung Nose Trachea	+ + + +	+ + +	+ +	+ + +	+ + +	+ + +	+	+	. 8

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

Page 18

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

Urinary Bladder Lumen, Dilatation	+	+ 4	+	+ 3	+	+	+ 4		8 8 3.9
Kidney	+	+	+	+	+	+	+		8
3.52 Acryl M	1	2	3	4	1	2	3	<u> </u>	* TOTALS
ANIMAL ID	0	0	0	0	2	0 2	0 2		
MICE MALE	0	0	0	0	0	0	0		
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0		
	9	9	9	9	9	9	9		
DAY ON TEST	9	9	9	9	9	9	9		
	0	0	0	0	0	0	0		

*** END OF MALE DATA ***

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

foute: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	1	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
								*	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
MICE FEMALE	0	0	0	0	0	0	0	0	
ANIMAL ID	7	7	7	7	8	8	8	8	
Control Water F	1	2	3	4	1	2	3	4 * TC	OTAL

ALIMENTARY SYSTEM

Esophagus	+ + + + + + + +	8
Gallbladder	+ + + + + + +	8
ntestine Large, Cecum	+ + + + + + +	8
ntestine Large, Colon	f f f + + + + + + + + + + + + + + + + +	8
ntestine Large, Rectum	+ + + + + + +	8
itestine Small, Duodenum	+ + + + + + +	8
itestine Small, Ileum	+ + + + + + +	8
testine Small, Jejunum	+ + + + + + +	8
iver	+ + + + + + +	8
ancreas	+ + + + + + +	8
alivary Glands	+ + + + + + +	. 8
tomach, Forestomach	+ + + + + + +	8

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

^{+ ..} Tissue examined microscopically

x ... Lesion present

^{1 ...} Insufficient tissue

TDMS No. 20313 - 02

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0		
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Water F	0 0 0 7 1	0 0 0 7 2	0 0 0 7 3	0 0 0 7 4	0 0 0 8 1	0 0 0 8 2	0 0 0 8 3	0 0 0 8 4		* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+		
Tungue	+	+	+	+	+	+	+	+		
CARDIOVASCULAR SYSTEM										
Blood Vessel	+	+	+	+	+	+	+	+		
Heart Mineralization	+	+	+	+	+	+	+	+		1 1.0
ENDOCRINE SYSTEM										
Adrenal Cortex Subcapsular, Hyperplasia	+	+	+	+	+	+	†	1	- ()	8 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	1	}
Islets, Pancreatic	+	+	+	+	+	+	+	+	1	3
Parathyroid Gland	+	+	+	М	+	+	+	+		
Pituitary Gland	+	+	+	+	+	+	+	+	- 4	3
Thyroid Gland	+	+	+	+	+	+	+	+	= :1	

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1
Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	·1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 0 7	0 0 0 7	0 0 0 7	0 0 0 7	0 0 0 8	0 0 0 8	0 0 0 8	0 0 0 8	
Control Water F	1	2	3	4	1	2	3	4	* TOTAL
GENERAL BODY SYSTEM									
GENITAL SYSTEM									
Clitoral Gland	+	+	+	M	+	+	+	+	7
Ovary	+	+	+	+	+	+	+	+	8
Uterus	+	+	+	+	+	+	+	+	8
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	.8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	- 8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	8
Thymus	+	+	+	+	+	+	+	+	8

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

1) Minimal 3) Moderate 2) Mild 4) Marked

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 · · · · · · · · · · · · · · · · · · ·	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Water F	0 0 0 7 1	0 0 0 7 2	0 0 0 7 3	0 0 0 7 4	0 0 0 8 1	0 0 0 8 2	0 0 0 8 3	0 0 0 8 4	* TOTAL
Mammary Gland	+	+	+	+	+	+	+	+	8
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	8 - 7
Brain, Cerebrum	+	+	+	+	+	+	+	+	8
Peripheral Nerve	+	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	;+ ·	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

TDMS No 20313 - 02

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Water F	0 0 0 7 1	0 0 0 7 2	0 0 0 7 3	0 0 0 7 4	0 0 0 8 1	0 0 0 8 2	0 0 0 8 3	* TOTALS
RESPIRATORY SYSTEM								
Lung	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM								
Eye	+	+	+	+	+	+	+	8
Harderian Gland	+	+	+	+	+	+	+	8
URINARY SYSTEM								
Kidney	+	+	+	÷	+	+	+	8
Urinary Bladder	+	+	+	+	+	+	+	 8

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

TDMS No. 20313 - 02 Test Type: 90-DAY

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

	1	1		1					
DAY ON TEST	0 0	0 0	0 0	0 0	1 0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 0.35 Acryl F	0 0 1 5	0 0 1 5 2	0 0 1 5 3	0 0 1 5 4	0 0 1 6	0 0 1 6 2	0 0 1 6 3	0 0 1 6 4	* TOTAL
ALIMENTARY SYSTEM	1.	-	10	1 7	1.2	-			·
Liver Mineralization		******	*******	******	•••••	+	•••••		1 1.0
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM NONE									
GENERAL BODY SYSTEM									
GENITAL SYSTEM									
Ovary Cyst	*****		*******			+ X			1
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM NONE									

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 25

^{1-4 ..} Lesion qualified as:

¹⁾ Minimal 3) Moderate

²⁾ Mild 4) Marked

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54

First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	1	1	1	1	1	1	1	
DAY ON TEST	0	0	o	o	o	Ó	o	
	0	0	0	0	0	0	0	
NEEDL (ON VOCUMEN AETV MOTO	0	0	0	0	0	0	0	***************************************
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE FEMALE	1	1	1	1	1	1	1	
ANIMAL ID	5	5	5	5	6	6	6	
0.35 Acryl F	1	2	3	4	1	2	3	* TOT

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

x .. Lesion present I .. Insufficient tissue

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

TDMS No. 20313 - 02

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST .	0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0			
BL/6N XC3H/HEN MTV-NCTR E FEMALE ANIMAL ID	0 0 1 9 1	0 0 1 9 2	0 0 1 9	0 0 1 9	0 0 2 0	0 0 2 0	0 0 2 0)) 2		* TOTAL
Acryl F MENTARY SYSTEM	1	2	3	4	1	2	3			* TOTAL
NE STSTEM										
DIOVASCULAR SYSTEM										
OCRINE SYSTEM										
ERAL BODY SYSTEM										
ITAL SYSTEM									*	
ATOPOIETIC SYSTEM										
leen Pigmentation			•••••		******	+ 2				1 1 2.0

x .. Lesion present

NONE

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

^{1 ..} Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 .	
	0	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 1	0 0 1	0 0 1	0 0 1	0 0 2	0 0 2	0 0 2	0 0 2	
0.70 Acryl F	9	9 2	9	9	0	0 2	3	0	* TOTALS
MUSCULOSKELETAL SYSTEM									
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Peripheral Nerve	+	+	+	+	+	+	+	+	8
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM									
Eye Lens, Developmental Malformation			******	+ X					1 1
URINARY SYSTEM NONE									

Page 28

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	1	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
								1	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
MICE FEMALE	1	1	1	1	1	1	1	1	
ANIMAL ID	1	1	1	1	2	2	2	2	
1.41 Acryl F	1	2	3	4	1	2	3	4	*T0

ALIMENTARY SYSTEM

Species/Strain: MICE/B6C3F1/NCTR

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary

8

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

Skin

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

TDMS No. 20313 - 02

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	0	0	0 0	0	0	1 0	1 0	
***************************************	0	0		0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	
1.41 Acryl F	1	1 2	1 3	1 4	1	2 2	3	* TOTAL
MUSCULOSKELETAL SYSTEM								
Skeletal Muscle	+	+	+	+	÷	+	+	 8
NERVOUS SYSTEM								
Peripheral Nerve	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	18
RESPIRATORY SYSTEM NONE								
SPECIAL SENSES SYSTEM NONE								
URINARY SYSTEM NONE								

x .. Lesion present

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

^{+ ..} Tissue examined microscopically

^{1 ..} Insufficient tissue

A .. Autolysis precludes evaluation

¹⁾ Minimal 3) Moderate 2) Mild 4) Marked

TDMS No. 20313 - 02

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54

First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	
CEZRI JENI VOQUJUENI MTV NICTO	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE FEMALE	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	4	4	4	
3.52 Acryl F	1	2	3	4	1	2	3	* TOTAL

ALIMENTARY SYSTEM

Esophagus	+ + + + + + + +	8
Gallbladder	+ + + + M + + +	7
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 Tension Lipidosis	+ + + + + + + + + + . 2	8 1 2.0
Pancreas	+ + + + + + +	8
Salivary Glands	1 + 1 + - + - + - + - + - + - + - + - +	8
Stomach, Forestomach	+ + + + + + +	8

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

^{+ ..} Tissue examined microscopically

x ... Lesion present

^{1 ..} Insufficient tissue

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

Page 31

¹⁾ Minimal 3) Moderate

²⁾ Mild 4) Marked

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0		
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 4	0 0 0 4	0 0 0 4	0 0 0 4		
3.52 Acryl F	1	2	3	4	1	2	3	4		* TOTAL
Stomach, Glandular	+	+	+	+	+	+	+	+		8
Tongue	+	+	+	+	+	+	+	+	_	.8
CARDIOVASCULAR SYSTEM										
Blood Vessel	+	М		+	+	+	+	+		7
Heart	+	+	+	+	+	+	+	+		8
ENDOCRINE SYSTEM										₹
Adrenal Cortex Subcapsular, Hyperplasia	†	+	+	+	+	†	†	+ 2		8 8 1.1
Adrenal Medulla	+	+	+	+	+	+	+	+		8
Islets, Pancreatic	+	+	+	+	+	+	+	+		8
Parathyroid Gland	+	+	М	+	+	+	+	+		7
Pituitary Gland	M		+	+	+	+	+	+		7
Thyroid Gland	+	+	М	+	+	+	+	+		7

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	
CEZDI /CN VCQU/UEN MTV NOTO	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE FEMALE	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	4	4	4	
3.52 Acryl F	1	2	3	4	1	2	3	* TOTA

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

	*****		*****							***
Clitoral Gland	+	+	+	+	+	+	+	+	8	
	*****			•••••						***
Ovary	+	+	+	+	+	+	+	+	8	
Anestrus	X	X	X	X		X		X	6	

Uterus	+	+	+	+	+	+	+	+	8	

HEMATOPOIETIC SYSTEM

Bone Marrow	+ + + + + + + +	8
Lymph Node, Mandibular	M + + + + + +	7
Lymph Node, Mesenteric	+ + + + + + + +	8
Spleen	+ + + + + + + +	8
Thymus	+ + + + + + + + + +	8

INTEGUMENTARY SYSTEM

Page 33

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

^{+ ..} Tissue examined microscopically

x ... Lesion present

^{1 ..} Insufficient tissue

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

TDMS No. 20313 - 02

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0			
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 3.52 Acryl F	0 0 0 3 1	0 0 0 3 2	0 0 0 3 3	0 0 0 3 4	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4		* тот	TOTALS
Mammary Gland	+	+	+	+	+	+	+	+		8	
Skin	+	+	+	+	+	+	+	+		8	
MUSCULOSKELETAL SYSTEM											
Bone, Femur	+	+	+	+	+	+	+	+		8	
Skeletal Muscle Atrophy	+	+	+	+	+	+ 2	+	†		8 5	1.2
NERVOUS SYSTEM											
Brain, Brain Stem	+	+	+	+	+	+	+	+		8	
Brain, Cerebellum	+	+	+	+	+	+	+	+		8	
Brain, Cerebrum	+	+	+	+	+	+	+	+		8	
Peripheral Nerve Axon, Degeneration	+	+	+	+ 2	+	+ 2	†	+ 2		8 8	1.4
Spinal Cord, Cervical	+	+	+	+	+	+	+	+		8	
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	***************************************	 8	

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

x .. Lesion present

Page 34

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

1) Minimal 3) Moderate 2) Mild

1-4 .. Lesion qualified as:

4) Marked

^{+ ..} Tissue examined microscopically

^{1 ..} Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	0 0	0 0	1 0 0	1 0 0	0 0	1 0 0	1 0 0		
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 4	0 0 0 4	0 0 0 4))))	
3.52 Acryl F	1	2	3	4	1	2	3		* TOTAL
Axon, Degeneration	1	1		1	1	1	1		7 1.0
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8
RESPIRATORY SYSTEM									
Lung	+	+	+	+	+	+	+	t .	- 8
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM									
Eye	+	+	+	+	+	+	+	1 - 1	.8
Harderian Gland	+	+	+	+	+	+	+	+	8
URINARY SYSTEM									
Kidney	+	+	+	+	+	+	+	+,/	8
Urinary Bladder Lumen, Dilatation	+ 2	+	+	+	+ 2	+	+ 3	+	8 4 2.8

M .. Missing tissue

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

2) Mild

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate 4) Marked

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	1	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
	0	0		0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
MICE FEMALE	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	4	4	4	4	
3.52 Acryl F	1	2	3	4	1	2	3	4	*

*** END OF REPORT ***

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

C Number:

C20314

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	9	9	9	9 9	9	9	9	9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	
Control Water M	1	1 2	3	1 4	1	2	3	2 4	* TOTAL
ALIMENTARY SYSTEM									
Esophagus	+	+	+	+	+	+	+	+	8
Gallbladder	+	+	+	+	+	+	+	+	. 8
Intestine Large, Cecum	+	+	+	+	+	+	+	÷	- 8
Intestine Large, Colon	+	+	+	+	+	+	+	+ -	8 -
Intestine Large, Rectum	+	+	+	+	М	+	+	+	7
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	8
Intestine Small, Ileum	+	+	+	+	+	+	+	+	8 -
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	8
Liver Tension Lipidosis	+	+	+	+ 2	+	+	+	+	8 1 2.0
Pancreas	+	+	+	+	+	+	+	+-	8
	*****	******				******			

Salivary Glands

Stomach, Forestomach

8

8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

¹⁾ Minimal 3) Moderate .

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	9 9	0 9 9	0 9 9	9	0 9 9	0 9 9	0 9 9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M	0 0 4 1 1	0 0 4 1 2	0 0 4 1 3	0 0 4 1 4	0 0 4 2 1	0 0 4 2 2	0 0 4 2 3		* TOTAL
Stomach, Glandular	+	+	+	 +	+	+	+		8
Tongue	+	+	+	+	+	+	+		8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	+	+		8
Heart	+	+	+	+	+	+	+		8
ENDOCRINE SYSTEM									
Adrenal Cortex Accessory Adrenal Cortical Nodule	М	+	+ X	+	+	+	+	~	7 1
Adrenal Medulla	M	+	+	+	+	+	+		-7
Islets, Pancreatic	+	+	+	+	+	+	+		8
Parathyroid Gland	+	+	+	+	+	+	+		8
Pituitary Gland	+	+	+	+	+	М	+		7
Thyroid Gland	+	+	+	+	+	+	+	-	. 8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 3

¹⁾ Minimal 3) Moderate

²⁾ Mild 4) Marked

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0 9	9	9	9	9	0 9 9	9	0 9 9	

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	
Control Water M	1	1 2	1	1 4	1	2	3	2 4	* TOTAL
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM								3+0	
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

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

4) Marked

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

²⁾ Mild

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0 9 9	0 9	0 9	0 9	0 9	9	0 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M	0 0 4 1 1	0 0 4 1 2	0 0 4 1 3	0 0 4 1 4	0 0 4 2 1	0 0 4 2 2	0 0 4 2 3	0 0 4 2 4	* TOTALS
Thymus	+	+	+	+	+	+	+	+	8
INTEGUMENTARY SYSTEM									
Mammary Gland	M	М	М	М	М	М	M	M	0
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									=
Bone, Fernur	+	+	+	+	+	+	+	+	- 8
Skeletal Muscle	+	+	+	+	+	+	+	+	ē. 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 lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x .. Lesion present

M., Missing tissue A .. Autolysis precludes evaluation BLANK .. Not examined microscopically 1 .. Insufficient tissue

TDMS No. 20314 - 02

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	9 9	0 9	0 9 9	9	9	0 9 9	0 9 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	
Control Water M	1	1 2	3	1 4	1	2	3	4	* 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	+	+	+	+	+	ŧ	+	+	8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	9 9	0 9 9	9 9	9	9	0 9 9	9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID	0 0 3 7 1	0 0 3 7 2	0 0 3 7 3	0 0 3 7 4	0 0 3 8 1	0 0 3 8 2	0 0 3 8 3	0 0 3 8 4	* TOTAL
ALIMENTARY SYSTEM NONE									
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM NONE							3		
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM									
Preputial Gland Cyst	******					+ 2	*******		1 1 2.0
HEMATOPOIETIC SYSTEM									(A. 197)
Spleen	*****	+							. 1
INTEGUMENTARY SYSTEM NONE									

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

x .. Lesion present

1 .. Insufficient tissue

^{+ ..} Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 7

¹⁾ Minimal 3) Moderate 2) Mild 4) Marked

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07

First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

	0	0	0	0	0	0	0		
DAY ON TEST	9	9	9	9	9	9	9		
	9	9	9	9	9	9	9		
CEZDI (CN VCQU/UEN MIV NOTO	0	0	0	0	0	0	0	11 11 11 11 11 11 11 11 11 11 11 11 11	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0		
VICE MALE	3	3	3	3	3	3	3		
ANIMAL ID	7	7	7	7	8	8	8		
0.14 Glycid M	1	2	3	4	1	2	3		* TOTAL

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

I .. Insufficient tissue

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

^{+ ..} Tissue examined microscopically

x .. Lesion present .

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9	0 9 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	
0.35 Glycid M	5	5 2	5	5 4	6	6 2	6 3	6	* TOTALS
ALIMENTARY SYSTEM NONE									
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM									
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM									
Preputial Gland Duct, Dilatation	•••••		******			******		+ 2	1 2.0
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM									
Skin Inflammation, Chronic Active	31413	******	******	******	******		+ 3	-	1 1.0

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

x .. Lesion present

1 .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 9 1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4

4) Marked

^{+ ..} Tissue examined microscopically

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0 9 9	9 9	9	9 9	9 9	0 9	0 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 4 5	0 0 4 5	0 0 4 5	0 0 4 5	0 0 4 6	0 0 4 6	0 0 4 6	0 0 4 6	
0.35 Glycid M	1	2	3	4	1	2	3	4	* TOTALS
Fat, ilecrosis							2		1 2.0
NERVOUS SYSTEM NONE									
RESPIRATORY SYSTEM									
SPECIAL SENSES SYSTEM NONE									
URINARY SYSTEM NONE									

Page 10

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

^{+ ..} Tissue examined microscopically

x .. Lesion present 1 .. Insufficient tissue

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL GLYCIDAMIDE

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07

Route: DOSED WATER

CAS Number: 5694-00-8 Pathologist: OLSON, G.

First Dose M/F: 07/26/04 / 07/26/04

Species/Strain: MICE/B6C3F1/NCTR

Lab: NCTR

9	9	0 9 9	0 9	0 9 9	0 9 9	0 9 9		
0 0 2 5 1	0 0 2 5 2	0 0 2 5 3	0 0 2 5 4	0 0 2 6 1	0 0 2 6 2	0 0 2 6 3		* TOTALS
+	+	+	+	+	+	+		8
	9 9 0 0 2 5	9 9 9 9 0 0 0 0 2 2 5 5	9 9 9 9 9 9 0 0 0 0 0 0 2 2 2 5 5 5	9 9 9 9 9 9 9 9 0 0 0 0 0 0 0 0 2 2 2 2 2 5 5 5 5	9 9 9 9 9 9 9 9 9 9 9 9 0 0 0 0 0 0 2 2 2 2 2 2 5 5 5 5 6 1 2 3 4 1	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9

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

M .. Missing tissue

x .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{+ ..} Tissue examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

color off and in the Capacity in the first								attiologist. OLOON, d.	Lab. NOTT
DAY ON TEST	0 9 9	0 9 9	0 9 9	0 9 9	0 9	0 9 9	0 9 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 1.41 Glycid M	0 0 2 5	0 0 2 5 2	0 0 2 5 3	0 0 2 5 4	0 0 2 6 1	0 0 2 6 2	0 0 2 6 3	0 0 2 6 4	* TOTAL
NONE		72							
NERVOUS SYSTEM NONE									
RESPIRATORY SYSTEM NONE									

URINARY SYSTEM

SPECIAL SENSES SYSTEM

NONE

NONE

[&]quot;... Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x ... Lesion present
I ... Insufficient tissue

TDMS No. 20314 - 02

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0 9 9	9	0 9 9	9	9	0 9 9	9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 3 3	0 0 3 3	0 0 3 3	0 0 3	0 0 3	0 0 3	0 0 3	
3.52 Glycid M	1	2	3	3 4	1	2	3	* TOTALS
ALIMENTARY SYSTEM								
Esophagus	+	+	+	+	+	+	+	8
Gallbladder	+	+	+	+	+	+	+	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

Salivary Glands

Stomach, Forestomach

8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE S Number: 5694-00

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	9 9	9 9	0 9 9	9	9	0 9 9	0 9 9	9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 3 3	0 0 3 3 2	0 0 3 3 3	0 0 3 3 4	0 0 3 4	0 0 3 4 2	0 0 3 4 3	0 0 3 4	* TOTAL
3.52 Glycid M Stomach, Glandular	+	+	+	+	+	. +	+	+	 8
Tongue	+	+	+	+	+	+	+	+	 8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	+	+	+	8.
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	 - 8
Islets, Pancreatic	+	+	+	+	+	+	+	+	 8
Parathyroid Gland	+	+	+	М	+	М	+	+	6
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	8

GENERAL BODY SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

BLANK .. Not examined microscopically Page 14

^{1-4 ..} Lesion qualified as:

¹⁾ Minimal 3) Moderate

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	9	0 9	0 9 9	0 9 9	9	0 9	0 9 9	0 9 9			
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 3	0 0 3	0 0 3	0 0 3	0 0 3	0 0 3	0 0 3	0 0 3			
3.52 Glycid M	3	3 2	3	3 4	4	4 2	3	4 4			* TOTAL
NONE											
GENITAL SYSTEM											
Epididymis	+	+	+	+	+	+	+	+	***************************************		8
Preputial Gland	+	+	+	+	+	+	+	+			8
Prostate	+	+	+	+	+	+	+	+			8
Seminal Vesicle	+	+	+	+	+	+	+	+			8
Testes Germinal Epithelium, Degeneration	+	+ 2	+ 2	+ 2	+ 2	+	+	+ 2	-		8 7 1.
HEMATOPOIETIC SYSTEM									4		
Bone Marrow	+	+	+	+	+	+	+	+		· · ·	8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+			8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+			8
Spleen	1	+	+	+	+	+	+	+			8
Thymus	+	+	+	+	+	+	+	+			8

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate 4) Marked

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{..} Insufficient tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	9	9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 3.52 Glycid M	0 0 3 3 1	0 0 3 3 2	0 0 3 3 3	0 0 3 3 4	0 0 3 4 1	0 0 3 4 2	0 0 3 4 3	0 0 3 4 4	* TOTALS
INTEGUMENTARY SYSTEM									
Mammary Gland	M	М	М	М	M	М	М	М	0
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	 8
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	8
Brain, Cerebrum	+	+	+	+	+	+	+	+	 8
Peripheral Nerve Axon, Degeneration	+	+	+	+	+	+	+	+	8 1 1.0
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	- 8

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

Page 16

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	9 9	9 9	9	0 9	0 9 9	0 9 9	0 9	0 · 9 9	54
C57BL/SN XC3H/HEN MTV-NCTR MICE MALE	0 0 3 3	0 0 3 3	0 0 3 3	0 0 3 3	0 0 3 4	0 0 3 4	0 0 3 4	0 0 3 4	8
3.52 Glycid M	1	2	3	4	1	2	3	4	* TOTA
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8
RESPIRATORY SYSTEM									
Lung Inflammation, Chronic Active	+	+	+	+	+ 2	+	+	+=	8 1 2
Nose	+	+	+	+	+	+	+	+ =	8
Trachea	+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM									A
Eye	+	+	+	+	+	+	+	+	8
Harderian Gland	+	+	+	+	+	+	+	+	8
URINARY SYSTEM									
Kidney	+	+	+	+	+	+	+	+	8
Urinary Bladder	+	+	+	+	+	+	+	+	8

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Page 17

1) Minimal 3) Moderate 2) Mild 4) Marked

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

cally

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

Lumen, Dilatation		4									1 4.0
3.52 Glycid M	1	2	3	4	1	2	3	4			* TOTALS
ANIMAL ID	3	3	3	3	4	4	4	4			
MICE MALE	3	3	3	3	3	3	3	3			
	0	0	0	0	0	0	0	0			
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0			
,									 	 	 ***
	9	9	9	9	9	9	9	9			
DAY ON TEST	9	9	9	9	9	9	9	9			
	0	0	0	0	0	0	0	0			

*** END OF MALE DATA ***

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006
Time Report Reqsted: 08:34:07
First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	1 0 0	1 0 0	0 0	1 0 0	0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 4 3	0 0 4	0 0 4	0 0 4 3	0 0 4	0 0 4	0 0 4	0 0 4 4	
Control Water F	1	3 2	3	4	1	2	3	4	* TOTALS
ALIMENTARY SYSTEM									
Esophagus	+	+	+	+	+	+	+	+	8
Gallbladder	+	+	+	+	+	+	+	+	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 Cyst	+	+ X	+	+	+	+	+	+	8 1
Salivary Glands	+	+	+	+	+	+	+	+	8
Stomach, Forestomach	+	+	+	+	+	+	+	+	8

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

¹⁾ Minimal 3) Moderate

²⁾ Mild 4) Marked

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	0 0	1 0 0	0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Water F	0 0 4 3	0 0 4 3 2	0 0 4 3 3	0 0 4 3 4	0 0 4 4 1	0 0 4 4 2	0 0 4 4 3	0 0 4 4 4	* TOTAL
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	+	+	+	 8
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex Accessory Adrenal Cortical Nodule Subcapsular, Hyperplasia	M	+	+ X 2	+	+	+ 2	+	+ 2	7 1 6 1.5
Adrenal Medulla	M	+	+	+	+	+	+	+	7
Islets, Pancreatic	+	+	+	+	+	+	+	+	 8
Parathyroid Gland	+	+	М	+	+	+	+	+	 7
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	 8

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 20

¹⁾ Minimal 3) Moderate

TDMS No. 20314 - 02

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

'Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0		
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 4 3	0 0 4 3	0 0 4 3	0 0 4 3	0 0 4 4	0 0 4 4	0 0 4 4	0 0 4 4		
Control Water F	Ĭ	2	3	4	i	2	3	4		* TOTAL
GENERAL BODY SYSTEM NONE										
GENITAL SYSTEM										
Clitoral Gland	+	М	+	M	+	+	+	+		6 1
Ovary	+	+	+	+	+	+	+	+		8
Uterus	+	+	÷	+	+	+	+	+	-	8
HEMATOPOIETIC SYSTEM										
Bone Marrow	+	+	+	+	+	+-	+	+ -		8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+		8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+		8
Spleen	+	+	+	+	+	+	+	+		8-
Thymus	+	+	+	+	+	+	+	+		8

INTEGUMENTARY SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

¹⁾ Minimal 3) Moderate 2) Mild 4) Marked

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	1 0 0								
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Water F	0 0 4 3 1	0 0 4 3 2	0 0 4 3 3	0 0 4 3 4	0 0 4 4 1	0 0 4 4 2	0 0 4 4 3	0 0 4 4 4	* TOTAL
Mammary Gland	+	+	+	+	+	+	+	М	7
Skin	+	+	+	+	М	+	+	+	7
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	+ L	8
. Brain, Cerebellum	+	+	+	+	+	+	+	+	8
Brain, Cerebrum	+	+	+	+	+	+	+	÷	8
Peripheral Nerve	+	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8

^{.,} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Page 22

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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

²⁾ Mild

¹⁾ Minimal 3) Moderate . 4) Marked

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	1 0 0	0 0	1 0 0	0 0	1 0 0	0 0	0 0		
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Water F	0 0 4 3 1	0 0 4 3 2	0 0 4 3 3	0 0 4 3 4	0 0 4 4 1	0 0 4 4 2	0 0 4 4 3		* TOTALS
RESPIRATORY SYSTEM							H		
Lung	+	+	+	+	+	+	+		8
Nose	+	+	+	+	+	+	+		8
Trachea	+	+	+	+	+	+	+		8
SPECIAL SENSES SYSTEM									
Eye	+	+	+	+	+	+	+		8
Harderian Gland	+	+	+	+	+	+	+	+	8
URINARY SYSTEM									
Kidney	+	+	+	+	+	+	+	+	8
Urinary Bladder	+	+	+	+	+	+	+	+	8

Page 23

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x ... Lesion present

I .. Insufficient tissue

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	
SEZDI /CN VOQUALEN METV NOTE	0	0	0	0	0	0	0	
57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE FEMALE	3	3	3	3	4	4	4	
ANIMAL ID	9	9	9	9	0	0	0	
0.14 Glycid F	1	2	3	4	1	2	3	* TOTA

ALIMENTARY SYSTEM

Species/Strain: MICE/B6C3F1/NCTR

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary Cyst

X

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

x .. Lesion present

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 24

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

^{1 ..} Insufficient tissue

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

	1	1	1	1	1	1	1	
DAY ON TEST	o	0	Ó	o	0	0	0	
	0	0	0	0	0	0	0	
CEZDI (CNI VOCUMIENI MEVI NICED	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE FEMALE	3	3	3	3	4	4	4	
ANIMAL ID	9	9	9	9	0	0	0	
0.14 Glycid F	1	2	3	4	1	2	3	* T

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

x .. Lesion present
I .. Insufficient tissue

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

^{+ ..} Tissue examined microscopically

TDMS No. 20314 - 02

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

· Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	1 0 0	0 0	0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0		
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL :D 0.70 Glycid F	0 0 3 1 1	0 0 3 1 2	0 3 1	0 0 3 1 4	0 0 3 2 1	0 0 3 2 2	0 0 3 2 3	0 0 3 2 4		* TOTAI
ALIMENTARY SYSTEM										
Mesentery Fat, Necrosis	******				+ 2	******	*******			1 2.0
CARDIOVASCULAR SYSTEM NONE										
ENDOCRINE SYSTEM										
GENERAL BODY SYSTEM NONE										
GENITAL SYSTEM										
Ovary Cyst		******	•••••		*******	+ X				1
HEMATOPOIETIC SYSTEM NONE										
INTEGUMENTARY SYSTEM NONE										

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

x .. Lesion present
I .. Insufficient tissue

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

1) Minimal 3) Moderate 2) Mild 4) Marked

^{+ ..} Tissue examined microscopically

M .. Missing tissue

TDMS No. 20314 - 02

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07

First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	
SEZDI (CNI VOQUI/UENI METV NOTO	0	0	0	0	0	0	0	_
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE FEMALE	3	3	3	3	3	3	3	
ANIMAL ID	1	1	1	1	2	2	2	
0.70 Glycid F	1	2	3	4	1	2	3	* TO

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

x .. Lesion present 1 .. Insufficient tissue

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

^{+ ..} Tissue examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DW DW TEST	1	1	1	1	0	1	1	1	
DAY ON TEST	0	0	0	0	3	0	0	0	
CEZDI /CN VCQU/UEN MTV NOTO	0	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
MICE FEMALE	2	2	2	2	2	2	2	2	
ANIMAL ID	7	7	7	7	8	8	8	8	
1.41 Glycid F	1	2	3	4	1	2	3	4 * TC	OTAI

ALIMENTARY SYSTEM

Esophagus	+	1
Gallbladder	A	0
Intestine Large, Cecum	A	0
Intestine Large, Colon	A	0
Intestine Large, Rectum	Α -	0
Intestine Small, Duodenum	A	0
Intestine Small, Ileum	Α	0
Intestine Small, Jejunum	A	0
Liver	+	- 1
Pancreas	Α.	0
Salivary Glands	+	1
Stomach, Forestomach	A	0

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x ... Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 28

¹⁾ Minimal 3) Moderate

²⁾ Mild

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	0 2 3	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 2 7	0 0 2 7	0 0 2 7	0 0 2 7	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	
1.41 Glycid F	1	2	3	4	1	2	3	4	* TOTALS
Stomach, Glandular					Α				0
Tongue	******	******		******	+				1
CARDIOVASCULAR SYSTEM									
Blood Vessel					+				1
Heart	******	******		*******	+	*******			1
ENDOCRINE SYSTEM									
Adrenal Cortex					+				1
Adrenal Medulla					+				1
Islets, Pancreatic				*******	+		,,,,,,,,		1
Parathyroid Gland				******	+		*******		1
Pituitary Gland					M				0 -
Thyroid Gland	*****				A				0

GENERAL BODY SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

BLANK .. Not examined microscopically Page 29

¹⁾ Minimal 3) Moderate 2) Mild 4) Marked

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	1 0 0	0 0	1 0 0	0 0	0 2 3	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 2 7	0 0 2 7	0 0 2 7	0 0 2 7	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	
1.41 Glycid F	1	2		4	1	2	3	4	* TOTAL
NONE									
GENITAL SYSTEM									
Clitoral Gland					+				1
Ovary					+				1
Uterus		******			+				1
HEMATOPOIETIC SYSTEM									
Bone Marrow					+				.1
Lymph Node, Mandibular	******		******	******	+		******		1
Lymph Node, Mesenteric					М				0
Spleen					Α				0
Thymus					Α				. 0
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 Page 30

²⁾ Mild

TDMS No. 20314 - 02

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	1 0 0	0 0	1 0 0	0 0	0 2 3	1 0 0	0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID	0 0 2 7	0 0 2 7 2	0 0 2 7 3	0 0 2 7 4	0 0 2 8	0 0 2 8 2	0 0 2 8 3	0 0 2 8 4	* TOTAL
1.41 Glycid F	1 4	4	3	1 4	1	2	3	4	TOTAL
Skin	,,,,,,	******	*******	*******	A			,	0
MUSCULOSKELETAL SYSTEM									
Bone, Femur	*****				+	•••••			1
NERVOUS SYSTEM									
Brain, Brain Stern	*****	*****			Α				0
Brain, Cerebellum		•••••			A				0 -
Brain, Cerebrum	******				Α	******			0
RESPIRATORY SYSTEM									-
Lung	*****				+		*******		_ 1
Nose	*****				+	******	******		1
Trachea				******	Α		******		0

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

x .. Lesion present

BLANK .. Not examined microscopically Page 31

2) Mild

4) Marked

^{+ ..} Tissue examined microscopically

^{1 ..} Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{1-4 ..} Lesion qualified as:

¹⁾ Minimal 3) Moderate

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	1 1 1 1 0 1 1 1 0 0 0 0 2 0 0 0 0 0 0 0 3 0 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 1.41 Glycid F	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 2 2	* TOTAL
Eye	Α	0
Harderian Gland	+	1
URINARY SYSTEM		
Kidney	+	1
Urinary Bladder	A	.0

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	
	0	0	0	. 0	0	0	0	
	0	0	0	0	0	0	0	
57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
ICE FEMALE	3	3	3	3	3	3	3	
ANIMAL ID	5	5	5	5	6	6	6	
.52 Glycid F	1	2	3	4	1	2	3	

ALIMENTARY SYSTEM

Esophagus	+ + + + + + + +	8
Gallbladder	+ + + + + + + ,	. 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 Infiltration Cellular, Lymphoid	+ + + + + + + + 1	8 1 1.0
Stomach, Forestomach	+ + + + + + +	8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

¹⁾ Minimal 3) Moderate

²⁾ Mild 4) Marked

Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	0 1	0 0		
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 3 5	0 0 3 5	0 0 3 5	0 0 3 5	0 0 3 6	0 0 3 6	0 0 3 6)) 3	
3.52 Glycid F	1	2	3	4	1	2	3	4	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	f -	8
Tongue	+ +	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM Blood Vessel		+	+	+	+	+	+	+	8
Heart	+	+	+	+	+	+	+	+ · ·	8
ENDOCRINE SYSTEM									
Adrenal Cortex Subcapsular, Hyperplasia	+	1	†	+	+	+	+	† 1	7 4 1.0
Adrenal Medulla	+	1	+	+	+	+	+	+	7
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	+	+	+	+	+	+	8
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

BLANK .. Not examined microscopically Page 34

^{1-4 ..} Lesion qualified as:

¹⁾ Minimal 3) Moderate

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	1 0 0	0 0	1 0 0	0 0	1 0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID	0 0 3 5	0 0 3 5 2	0 0 3 5 3	0 0 3 5 4	0 0 3 6 1	0 0 3 6 2	0 0 3 6 3	0 0 3 6 4	* TOTAL
3.52 Glycid F GENERAL BODY SYSTEM	1	2	3	4		2	3	4	TOTAL
NONE									
GENITAL SYSTEM									
Clitoral Gland	+	+	М	+	+	+	+	+	- 7
Ovary	+	+	+	+	+	+	+	+	8
Uterus	+	+	+	+	+	+	+	+	8
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	8
Thymus		+	+	+	+	+	+	+	8

^{* ..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade M .. Missing tissue

x .. Lesion present 1 .. Insufficient tissue

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

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

4) Marked 2) Mild

^{+ ..} Tissue examined microscopically

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	·1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 3.52 Glycid F	0 0 3 5	0 0 3 5 2	0 0 3 5 3	0 0 3 5 4	0 0 3 6	0 0 3 6 2	0 0 3 6 3	0 0 3 6 4	* TOTALS
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 Axon, Degeneration	+	+	+	+	+	+	+	+	8 1 1.0
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	>+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8 **

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

1-4 .. Lesion qualified as:

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 36

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	0 0	1 0 0	1 0 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 3.52 Glycid F	0 0 3 5	0 0 3 5 2	0 0 3 5 3	0 0 3 5 4	0 0 3 6 1	0 0 3 6 2	0 0 3 6 3	0 0 3 6 4	* TOTALS
RESPIRATORY SYSTEM									
Lung ·	+	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM									
Eye	+	+	+	+	+	+	+	+	8
Harderian Gland	+	+	+	+	+	+	+	+	8
URINARY SYSTEM									
Kidney	+	+	+	+	+	+	+	+	8
Urinary Bladder	+	+	+	+	+	+	+	+	8

*** END OF REPORT ***

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate 4) Marked

^{* ..} 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 Page 37

²⁾ Mild

Species/Strain: MICE/B6C3F1/NCTR

C Number:

C20313B

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

TDMS No. 20313 - 04

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:06:38 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Feed F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Hyperplasia, Lymphoid Spleen Hyperplasia, Lymphoid	(8) 5 (63%)	(0)	(0)	(0)	(0)
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
Skeletal Muscle Atrophy	(8)	(0)	(0)	(0)	(8)
NERVOUS SYSTEM					
Peripheral Nerve Axon, Degeneration	(8)	(0)	(0)	(0)	(8) 1 (13%)
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Urinary Bladder Lumen, Dilatation	(8)	(0)	(0)	(0)	(0)

Page 7

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 04

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:06:38 First Dose M/F: 08/02/04 / 08/02/04

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	370 PPM Acryl F			
Disposition Summary				
Animals Initially in Study Early Deaths Survivors	8			
Terminal Sacrifice	8			
Animals Examined Microscopically	8			
ALIMENTARY SYSTEM				
None				
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
Adrenal Cortex Accessory Adrenal Cortical Nodule Subcapsular, Hyperplasia	(8) 1 (13%) 2 (25%)			
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Ovary Anestrus Cyst	(8) 8 (100%) 1 (13%)		(2)	
HEMATOPOIETIC SYSTEM				
Lymph Node, Mandibular Hyperplasia, Lymphoid Lymph Node, Mesenteric	(8) 1 (13%) (8)			

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 20313 - 04

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:06:38

First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	370 PPM Acryl F	
Hyperplasia, Lymphoid Spleen Hyperplasia, Lymphoid	1 (13%) (8) 1 (13%)	
INTEGUMENTARY SYSTEM		
None		
MUSCULOSKELETAL SYSTEM		
Skeletal Muscle Atrophy	(8) 7 (88%)	
NERVOUS SYSTEM		
Peripheral Nerve Axon, Degeneration	7 (100%)	
RESPIRATORY SYSTEM		
None		
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Urinary Bladder Lumen, Dilatation	(8) 7 (88%)	

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion

Appendix III – Neoplasms by Individual Animal (Pathology Report 4)

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

C Number:

C20313

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	0	0	0	0	0	0	0	
DAY ON TEST	9	9	9	9	9	9	9	
	9	9	9	9	9	9	9	
	0	0	0	0	0	0	0	***************************************
57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE MALE	0	0	0	0	0	0	0	
ANIMAL ID	5	5	5	5	6	6	6	
Control Water M		2	2		4	0	3	

ALIMENTARY SYSTEM

Esophagus		+	+	+	+	+	+	+	+	8
Galibladder		+	+	+	+	+	M	+	+	7
Intestine Large, Cecum		+	+	+	+	+	+	+	+	8
Intestine Large, Colon		+	+	+	+	+	+	+	+	8
Intestine Large, Rectum		+	+	+	+	+	+	+	+	8
Intestine Small, Duodenum	4	+	+	+	+	+	+	+	+	8
Intestine Small, Ileum		+	+	+	+	+	÷	+	+	8
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	. 8
Liver		+	+	+	+	+	+	+	+	8
Pancreas		+	+	+	+	+	+	+	+	8
Salivary Glands		+	+	+	+	+	+	+	+	8
Stomach, Forestomach		+	+	+	+	+	+	+	+	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 BLANK .. Not examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

DAY ON TEST	0 9 9	9	0 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M	0 0 0 5	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	+	+	+	8
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	-8
Islets, Pancreatic	+	+	+	+	+	+	+	+	- 8
Parathyroid Gland	+	+	+	+	+	+	+	+	8
Pituitary Gland	M		+	+	+	+	+	+	7
Thyroid Gland	+	+				+			-8

GENERAL BODY SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	9 9	0 9	0 9	9	9	0 9	0 9 9	9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M		0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 6 1	0 0 6 2	0 0 6 3	0 0 0 6 4	* TOTALS
NONE			1 4-1		1				
GENITAL SYSTEM									
Epididymis	+	+	+	+	+	+	+	+	8
Preputial Gland	+	+	+	+	+	+	+	+	8
Prostate	+	+	+	+	+	+	+	+	8
Seminal Vesicle	+	+	+	+	+	+	+	+	8
Testes	+	+	+	+	+	+	+	+	
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular	+	+	M	M	+	+	+	+	6
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	
Thymus	+	+	+	+	+	+	+	+	

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	0 9 9	9	0 9 9	0 9 9	0 9 9	0 9 9	0 9	9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	* TOTAL
NTEGUMENTARY SYSTEM									
Mammary Gland	М	М	М	+	2007/2/05/9	+	M		2
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									*
Brain, Brain Stem	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	8
Brain, Cerebrum	+	+	+	+	+	+	+	+	8
Peripheral Nerve	+	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	- 8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	0 9 9	0 9	9	0 9 9	0 9 9	0 9	9	9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 0 5	0 0 0 5	0 0 0 5	0 0 0 5	0 0 0 6	0 0 0 6	0 0 0 6	0 0 0 6	
Control Water M	1	2	3	4	1	2	3	4	* TOTALS
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

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Control Water M	1	2	3	4	1	2	3	4	* TOTAL
9 9 9 9 9 9 9 9 9 9			100	0	0	0	16%	0	0	
9 9 9 9 9 9 9 9		0	0	0	0	0	0	0	0	
9 9 9 9 9 9 9 9 9				0	0	0	0	0	0	
DAY ON TEST 9 9 9 9 9 9 9 9 9						9	9	9	9	,
	DAY ON TEST		1000	9	9	9	9	9	9	

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	0 9 9	9	9 9	9	9	0 9	9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 1 3	0 0 1 3	0 0 1 3	0 0 1 3	0 0 1 4	0 0 1 4	0 0 1 4	
0.35 Acryl M	1	2	3	4	î.	2	3	* TOTALS
ALIMENTARY SYSTEM NONE								
CARDIOVASCULAR SYSTEM NONE								
ENDOCRINE SYSTEM NONE								
GENERAL BODY SYSTEM NONE								
GENITAL SYSTEM								
Preputial Gland		******		•••••		+	+	2
HEMATOPOIETIC SYSTEM NONE								
INTEGUMENTARY SYSTEM NONE								*

MUSCULOSKELETAL SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	0 9 9	9	0 9 9	0 9 9	9	9	9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID	0 0 1 3 1	0 0 1 3 2	0 0 1 3 3	0 0 1 3 4	0 0 1 4 1	0 0 1 4 2	0 0 1 4 3	0 0 1 4 4	* TOTALS
NONE									
NERVOUS SYSTEM NONE									
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM NONE									
URINARY SYSTEM NONE								345	
SYSTEMIC LESIONS									
Multiple Organ	*****	******	******	******	******	+		*******	2

^{* ..} 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 BLANK .. Not examined microscopically

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	0 9 9	0 9 9	9	9	9	9	9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID	0 0 1 7	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 1 8	0 0 1 8 2	0 0 1 8 3	0 0 1 8 4	* TOTALS
O.70 Acryl M ALIMENTARY SYSTEM NONE	11.2		"	1		1-			TOTAL
CARDIOVASCULAR SYSTEM NONE									- E
ENDOCRINE SYSTEM NONE									
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM NONE									*
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM NONE									
MUSCULOSKELETAL SYSTEM									

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

	-	-	_						
DAY ON TEST	0 9 9	9 9	0 9 9	0 9 9	9 9	0 9 9	0 9 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 0.70 Acryl M	0 0 1 7	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 1 8 1	0 0 1 8 2	0 0 1 8 3	0 0 1 8 4	* TOTALS
Skeletal Muscle	1 .	-	+	+	+	1	+	1	8 8
NERVOUS SYSTEM Peripheral Nerve	+	+	+	+	+	+	+	+	8
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM NONE									
URINARY SYSTEM									
SYSTEMIC LESIONS									
Multiple Organ	+	+	+	+	+	+	+	+	. 8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER Species/Strain: MICE/B6C3F1/NCTR P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	9	9	9	9	9	9	9	9		
	9	9	9	9	9	9	9	9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0	0 0	0 0	0 0	0 0 1	0 0 1	0 0 1	0 0 1		
1.41 Acryl M. ANIMAL ID	9	9	9	9	0	0 2	3	0 4	*	* TOTALS
ALIMENTARY SYSTEM NONE										
CARDIOVASCULAR SYSTEM NONE									=	
ENDOCRINE SYSTEM NONE										
GENERAL BODY SYSTEM										
GENITAL SYSTEM										
Testes	+	+	+	+	+	+	+	+		8
HEMATOPOIETIC SYSTEM NONE										
INTEGUMENTARY SYSTEM NONE									787	

MUSCULOSKELETAL SYSTEM

M .. Missing tissue

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

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	0 9 9	9 9	0 9 9	9	0 9 9	9 9	9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 1.41 Acryl M	0 0 0 9	0 0 0 9 2	0 0 0 9 3	0 0 0 9 4	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3)) 1) 1	* TOTAL
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Peripheral Nerve	+	+	+	+	+	+	+	t =	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM NONE					Ī				
URINARY SYSTEM NONE									
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 BLANK .. Not examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

First Dose M/F: 07/12/04 / 07/12/04 Lab: NCTR

Date Report Regsted: 06/29/2006

Time Report Regsted: 08:15:54

Species/Strain: MICE/B6C3F1/NCTR

Pathologist: OLSON, G.

Multiple Organ	+	+	+	+	+	+	+	+	8
1.41 Acryl M	1	2	3	4	1	2	3	4	* TOTAL
ANIMAL ID	9	9	9	9	0	0	0	0	
MICE MALE	0	0	0	0	1	1	1	1	
	0	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
		1	1			1		3	
BAT ON TEOT	9	9	9	9	9	9	9	9	
DAY ON TEST	9	9	9	9	9	9	9	9	
	0	0	0	0	0	0	0	0	

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	0	0	0	0	0	0	0	
DAY ON TEST	9	9	9	9	9	9	9	
	9	9	9	9	9	9	9	
057DL (011 V0011/1/51) 1471/ 1107D	0	0	0	0	0	0	0	 ***************************************
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE MALE	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	2	2	2	χ
3.52 Acryl M	1	2	3	4	1	2	3	*

ALIMENTARY SYSTEM

Esophagus	+ + + + + + +	8
Gallbladder	+ + + + + + M	7
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

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	9	9	9	9	9	9	9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 0	0 0 0 1	0 0 0 1	0 0 0 1	0 0 0 2	0 0 0 2	0 0 0 2	0 0 0 2	
3.52 Acryl M	1	2	3	4	1	2	3	4	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM	7								
Blood Vessel	+	+	+	+	+	+	+	+	8
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	.+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	М		+	+	+	+	7
Pituitary Gland	+	+	+	M	+	+	+	+	_7
Thyroid Gland	+	+	+	+	+	+	+	+	8

GENERAL BODY SYSTEM

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	0 9 9	0 9	0 9	9	9	9	9	9	
	1								
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0	0 0	0	0	0 0	0 0	0 0	0 0	
3.52 Acryl M	1	1 2	3	4	1	2	3	4	* TOTALS
NONE									
GENITAL SYSTEM									
Epididymis	+	+	+	+	+	+	+	+	8
Preputial Gland	+	+	+	+	+	+	+	+	8
Prostate	+	+	+	+	+	+	+	+	8
Seminal Vesicle	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	- 8
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	- 8
Thymus	+	+	+	+	+	+,	+	+	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

BLANK .. Not examined microscopically

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	9	0 9 9	9	0 9 9	9	0 9 9	0 9 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 3.52 Acryl M		0 0 0 1 2	0 0 0 1 3	0 0 0 1 4	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4	* TOTAL
NTEGUMENTARY SYSTEM									
Mammary Gland	M	М	М	M	M	М	M	M	0
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone Femur	+	+	+	+	+	+	+	+	8 -
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	8
Brain, Cerebrum	+	+	+	+	+	+	+	+	. 8
Peripheral Nerve	+	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8

^{* ..} 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 BLANK .. Not examined microscopically

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	0 9 9	9	0 9 9	9	9	9	9	9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID		0 0 0 1 2	0 0 0 1 3	0 0 0 1 4	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4	* TOTAL
3.52 Acryl M	1		-		1	1			TOTAL
Spinal Cord, Thoracic RESPIRATORY SYSTEM	+	+	+	+	+	+	+	+	8
Lung	+	+	+	+	+	+	+	+	
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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

Multiple Organ	******					*****	******	
3.52 Acryl M	1	2	3	4	1	2	3	* TOTAL
ANIMAL ID	1	1	1	1	2	2	2	
MICE MALE	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	
DAY ON TEST	9	9	9	9	9	9	9	
	0	0	0	0	0	0	0	

*** END OF MALE DATA ***

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

	1	1	1	1	1	1	1		
DAY ON TEST	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0)	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	O	0	0	0		
MICE FEMALE	0	0	0	0	0	0	0		
ANIMAL ID	7	7	7	7	8	8	8		
Control Water F	1	2	3	4	1	2	3	* 7	TOTALS

ALIMENTARY SYSTEM

Esophagus	* + + + + + +	8
Gallbladder	+ + + + + + + .	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

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	0 0	0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 0 7	0 0 0 7	0 0 0 7	0 0 0 7	0 0 0 8	0 0 0 8	0 0 0 8	0 0 0 8	
Control Water F	1	2	3	4	1	2	3	4	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	+	+	+	8
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	. 8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	+	М	+	+	+	+	7
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	8

GENERAL BODY SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Water F	0 0 0 7 1	0 0 0 7 2	0 0 0 7 3	0 0 0 7 4	0 0 0 8 1	0 0 0 8 2	0 0 0 8 3	0 0 0 8 4	* TOTAL
NONE		his a							
GENITAL SYSTEM									
Clitoral Gland	+	+	+	M	+	+	+	+	7
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

^{* ,.} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1
Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0									
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Water F	0 0 0 7 1	0 0 0 7 2	0 0 0 7 3	0 0 0 7 4	0 0 0 8 1	0 0 0 8 2	0 0 0 8 3	0 0 0 8 4		* TOTALS
Skin	+	+	+	+	+	+	+	+		8
MUSCULOSKELETAL SYSTEM									-	
Bone, Femur	+	+	+	+	+	+	+	+		
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

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 · 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID		0 0 0 7	0 0 0 7	0 0 0 7	0 0 0 8	0 0 0 8	0 0 0 8	0 0 0 0 8	
Control Water F	7	2	3	4	1	2	3	4	* TOTAL
RESPIRATORY SYSTEM									
Lung	+	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM									
Eye	+	+	+	+	+	+	+	+	8
Harderian Gland	+	+	+	+	+	+	+	+	8
URINARY SYSTEM									Y
Kidney	+	+	+	+	+	+	+	+	. 8
Urinary Bladder	+	+	+	+	+	+	+	+	8
SYSTEMIC LESIONS								141	
Multiple Organ	+	+	+	+	+	+	+	+ .	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

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G.

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

	1	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	0	
57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID	0 0 1 5	0 0 1 5 2	0 0 1 5 3	0 0 1 5 4	0 0 1 6 1	0 0 1 6 2	0 0 1 6 3	0 0 1 6 4	* TOTALS
ALIMENTARY SYSTEM									
Liver						+			1
CARDIOVASCULAR SYSTEM NONE		-						4	
ENDOCRINE SYSTEM NONE					÷				
GENERAL BODY SYSTEM									
GENITAL SYSTEM									
Ovary	******	******				+			1
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM NONE									

M .. Missing tissue

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

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	
0.35 Acryl F	1	2	3	4	1	2	3	4	* TOTALS
MUSCULOSKELETAL SYSTEM NONE									
NERVOUS SYSTEM NONE									
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM									
URINARY SYSTEM NONE									
SYSTEMIC LESIONS									
Multiple Organ				******		+			1

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

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID	0 0 1 9	0 0 1 9	0 0 1 9	0 0 1 9	0 0 2 0	0 0 2 0	0 0 2 0	0 0 2 0	
0.70 Acryl F	1	2	3	4	1	2	3	4	* TOTALS
ALIMENTARY SYSTEM NONE									
CARDIOVASCULAR SYSTEM NONE					Ī				
ENDOCRINE SYSTEM NONE									
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM									
HEMATOPOIETIC SYSTEM									
Spleen	******		******			+			1
INTEGUMENTARY SYSTEM NONE									
MUSCULOSKELETAL SYSTEM									

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

M .. Missing tissue

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE
'CAS Number: 79-06-1
'Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	0 0	1 0 0	1 0 0					1-	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 0.70 Acryl F	0 0 1 9	0 0 1 9 2	0 0 1 9 3	0 0 1 9 4	0 0 2 0 1	0 0 2 0 2	0 0 2 0 3	0 0 2 0 4						* TOTALS
Skeletal Muscle	+	+	+	+	+	+	+	±	 	***************************************				8
NERVOUS SYSTEM														
Peripheral Nerve	+	+	+	+	+	+	+	+	 	****************		*******************************		8
RESPIRATORY SYSTEM NONE													*	
SPECIAL SENSES SYSTEM														
Eye		******	******	+		******	******	***************************************	 *************	***************************************	***************************************	***************************************	*****************	1_
URINARY SYSTEM NONE														
SYSTEMIC LESIONS														
Multiple Organ	+	+	+	+	+			+	 				***************************************	8

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

^{+ ..} Tissue examined microscopically

x ... Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 · 0 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID	0 0 1 1	0 0 1 1	0 0 1 1	0 0 1 1	0 0 1 2	0 0 1 2	0 0 1 2	0 0 1 2	
1.41 Acryl F	1	2	3	4	1	2	3	4	* TOTALS
ALIMENTARY SYSTEM NONE									
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM NONE									5.4
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM									
Ovary	+	+	+	+	+			+	8
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM									
Skin					+				

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	0 0	0 0	0 0	1 0 0	0 0	1 0 0	0 0	0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 1.41 Acryl F	0 0 1 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 2	0 0 1 2 2	0 0 1 2 3	0 0 1 2 4	* TOTAL
MUSCULOSKELETAL SYSTEM									
Skeletal Muscle	+	+	+	+	+	+	+	+	 8
NERVOUS SYSTEM									
Peripheral Nerve	+	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM NONE									
UR!NARY SYSTEM NONE									

SYSTEMIC LESIONS

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

1.41 Acryl F		1	2	3	4	1	2	3	* TOTAL
	ANIMAL ID	1	1	1	1	2	2	2	
MICE FEMALE		1	1	1	1	1	1	1	
C57BL/6N XC3H/HEN	WIV-NCIA	0	0	0	0	0	0	0	
CEZDI /CN VCQU/UEN		0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	
	DAY ON TEST	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	

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

^{+ ..} Tissue examined microscopically

x .. Lesion present 1 .. Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	1	1	1	1	1	1	1	
DAY ON TEST	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	
OCZDI (CN VOCUMEN MEN NOTO	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE FEMALE	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	4	4	4	
3.52 Acryl F	1	2	3	4	1	2	3	* TOTALS

ALIMENTARY SYSTEM

Esophagus	+ + + + + + +	8
Gallbladder	+ + + + M + + +	7
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	+ + + + + + + +	
Salivary Glands	+ + + + + + + +	8
Stomach, Forestomach	+ + + + + + +	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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE
CAS Number: 79-06-1
Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 3.52 Acryl F	0 0 0 3	0 0 0 3 2	0 0 0 3 3	0 0 0 3 4	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM					Π				
Blood Vessel	+	М	+	+	+	+	+	+	7
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	M	+	+	+	+	+	7
Pituitary Gland	М	+	+	+	+	+	+	+	7
Thyroid Gland	+	+	М	+	+	+	+	+	7

GENERAL BODY SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 4	0 0 0 4	0 0 0 4	0 0 0 0 4	
3.52 Acryl F	1	2	3	4	1	2	3	4	* TOTAL
NONE									
GENITAL SYSTEM									
Clitoral Gland	+	+	+	+	+	+	+	+	8
Ovary	+	+	+	+	+	+	+	+	8
Uterus	+	+	+	+	+	+	+	+	- 8
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	. 8
		*****	*******		*******	******	******	***************************************	

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 4	0 0 0 4	0 0 0 4	0 0 0 4	
3.52 Acryl F	1	2	3	4	1	2	3	4	* TOTALS
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Brain Brain Stem	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	8
Brain, Cerebrum	+	+	+	+	+	+	+	+	8
Peripheral Nerve	+	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	1 0 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID	0 0 0 3	0 0 0 3 2	0 0 0 3 3	0 0 0 3 4	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4	* TOTALS
3.52 Acryl F	1	4	3	4		2	3	4	TOTALS
RESPIRATORY SYSTEM									
Lung	+	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM									
Eye	+	+	+	+	+	+	+	+	8
Harderian Gland	+	+	+	+	+	+	+	+	8
URINARY SYSTEM		-						140	
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

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	14		1	1	1	4	1	1	
DAY ON TEST	0	o	0	0	o	0	0	0	
DATORIEST	0	0	0	0	0	0	0	0	
05551 (01) V001/4/51 1571 1075	0	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
MICE FEMALE	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	4	4	4	4	
3.52 Acryl F	1	2	3	4	1	2	3	4	* TOTA

*** END OF REPORT ***

^{* ..} 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 BLANK .. Not examined microscopically

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

C Number:

C20314

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Lab: NCTR

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04 TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

	0	0	0	0	0	0	0	0		
DAY ON TEST	9	9	9	9	9	9	9	9		
	9	9	9	9	9	9	9	9		
0	0	0	0	0	0	0	0	0	 	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0		
MICE MALE	4	4	4	4	4	4	4	4		
ANIMAL ID	1	1	1	1	2	2	2	2		
Control Water M	1	2	3	4	1	2	3	4		

ALIMENTARY SYSTEM

Esophagus	+ + + + + + +	8
Gallbladder	+ + + + + + +	8
Intestine Large, Cecum	+ + + + + + +	8
Intestine Large, Colon	+ + + + + + +	8
Intestine Large, Rectum	+ + + + M + + +	7
Intestine Small, Duodenum	+ + + + + + +	8
Intestine Small, Ileum	+ + + + + + + + +	8
Intestine Small, Jejunum	+ + + + + + + +	8
Liver	+ + + + + + +	- 8
Pancreas	+ + + + + + +	8
Salivary Glands	+ + + + + + +	8
Stomach, Forestomach	+ + + + + + +	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

BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	9 9	9	9	0 9 9	9	9	0 9 9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 4 1	0 0 4 1	0 0 4 1	0 0 4 1	0 0 4 2	0 0 4 2	0 0 4 2) 1 4 2	
Control Water M	1	2	3	4	1	2	3	1	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+		. 8
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	+	+	+	8
Heart	+	+	+	+	+	+	+	t	- 8
ENDOCRINE SYSTEM									
Adrenal Cortex	M	+	+	+	+	+	+	+	7
Adrenal Medulla	M	+	+	+	+	+	+	+ =	- 7 .
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	+	+	+	+	+	+	8
Pituitary Gland	+	+	+	+	+	М	+	+	7
Thyroid Gland	+	+	+	+	+	+	+	+	8

GENERAL BODY SYSTEM

^{* ..} 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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	0 9 9	9 9	9	9	9	9	9	9	
	O.	0	0	0	0	0	0	 0	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 4	0 4	0 4	0 4	0 4	0 4	0	0 4	
Control Water M	1 1	1 2	3	1 4	1	2	3	2 4	* TOTAL
NONE ·									
GENITAL SYSTEM									
Epididymis	+	+	+	+	+	+	+	+	8
Preputial Gland	+	+	+	+	+	+	+	+ ,	8
Prostate	+	+	+	+	+	+	+	+	8
Seminal Vesicle	+	+	+	+	+	+	+	+	8
Testes	+	+	+	+	+	+	+	+	8
HEMATOPOIETIC SYSTEM							4		
Bone Marrow	+	+	+	+	+	+	+	+	- 8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	- 8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	. 8
Thymus	+	+	+	+	+	+	+	+	8

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

^{+ ...} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

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

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9	9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M		0 0 4 1 2	0 0 4 1 3	0 0 4 1 4	0 0 4 2 1	0 0 4 2 2	0 0 4 2 3	0 0 4 2 4	* TOTALS
NTEGUMENTARY SYSTEM									
Mammary Gland	М	М	М	М	М	M	M	M	0
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	.8
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									160
Brain, Brain Stem	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	8
Brain, Cerebrum	+	+	+	+	+	+	+	+	8
Peripheral Nerve	+	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8

Lab: NCTR

Date Report Regsted: 06/29/2006

First Dose M/F: 07/26/04 / 07/26/04

Time Report Regsted: 08:34:07

Pathologist: OLSON, G.

	-1		1/		1	1	1		
DAY ON TEST	9	9	9	9	9	9	9	9	
	9	9	9	9	9	9	9	9	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
MICE MALE	0 4	0	0	0	0	0	0	0	
Control Water M	1	1 2	1 3	1 4	2	2 2	2	2 4	* TOTAL
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

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Control Water M	1	2	3	4	1	2	3	* TOTAL
ANIMAL ID	1	1	1	1	2	2	2	**************************************
MICE MALE	4	4	4	4	4	4	4	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
DEZDI (CNI VOQUI/LIENI METVI NOTO	0	0	0	0	0	0	0	
***************************************	9	9	9	9	9	9	9	
DAY ON TEST	9	9	9	9	9	9	9	
	0	0	0	0	0	0	0	

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	9 9	9	9 9	9	9	0 9 9	9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 0.14 Glycid M	0 0 3 7 1	0 0 3 7 2	0 0 3 7 3	0 0 3 7 4	0 0 3 8 1	0 0 3 8 2	0 0 3 8 3	0 0 3 8 4	OTALS
ALIMENTARY SYSTEM NONE									
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM NONE									
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM									
Preputial Gland	3 *****	*******		*******		+			1
HEMATOPOIETIC SYSTEM									
Spleen		+		•••••					1
INTEGUMENTARY SYSTEM NONE								31-	

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	9 9	0 9 9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 0.14 Glycid M	0 0 3 7	0 0 3 7 2	0 0 3 7 3	0 0 3 7 4	0 0 3 8 1	0 0 3 8 2	0 0 3 8 3	0 0 3 8 4	*	* TOTALS
MUSCULOSKELETAL SYSTEM NONE NERVOUS SYSTEM										
RESPIRATORY SYSTEM NONE										
SPECIAL SENSES SYSTEM NONE										
URINARY SYSTEM NONE										
SYSTEMIC LESIONS		Ī								1.5
Multiple Organ		+	•••••		******	+				2

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID	0 0 4 5	0 0 4 5 2	0 0 4 5 3	0 0 4 5 4	0 0 4 6	0 0 4 6 2	0 0 4 6 3	0 0 4 6 4	* TOTAL
0.35 Glycid M ALIMENTARY SYSTEM NONE	1.	-	3	7		2	3	4	TOTAL
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM NONE									
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM									
Preputial Gland			•••••			******		+	 1
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM									
Skin						*****	+		 1

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8

· Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0 9 9	0 9 9	0 9 9	0 9 9	9 9	0 9	0 9	· 0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 0.35 Glycid M	0 0 4 5	0 0 4 5 2	0 0 4 5 3	0 0 4 5 4	0 0 4 6 1	0 0 4 6 2	0 0 4 6 3	0 4 6	* TOTALS
MUSCULOSKELETAL SYSTEM NONE									
NERVOUS SYSTEM NONE								-	
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM NONE									121
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

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

	DAY ON TEST	9	9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	9 9	
C57BL/6N XC3H/HEN MICE MALE 1.41 Glycid M	MTV-NCTR ANIMAL ID	0 0 2 5 1	0 0 2 5 2	0 0 2 5 3	0 0 2 5 4	0 0 2 6 1	0 0 2 6 2	0 0 2 6 3	0 0 2 6 4	* TOTALS
ALIMENTARY SYSTE	М									
CARDIOVASCULAR S	SYSTEM									
ENDOCRINE SYSTEM	1									
GENERAL BODY SYS	STEM									
GENITAL SYSTEM									All and a second	-

MUSCULOSKELETAL SYSTEM

INTEGUMENTARY SYSTEM

NONE

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	0 9 9								
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 1.41 Glycid M	0 0 2 5 1	0 0 2 5 2	0 0 2 5 3	0 0 2 5 4	0 0 2 6 1	0 0 2 6 2	0 0 2 6 3	0 0 2 6 4	* TOTALS
NONE									
NERVOUS SYSTEM NONE									
RESPIRATORY SYSTEM NONE								T.	
SPECIAL SENSES SYSTEM NONE									
URINARY SYSTEM NONE									
SYSTEMIC LESIONS									
Multiple Organ	+	+	+	Ť	+	+	+	+	8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I ., Insufficient tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

	0	0	0	0	0	0	0	0
DAY ON TEST	9	9	9	9	9	9	9	9
	9	9	9	9	9	9	9	9
OF ZDI /CN VOOL/UEN METV NOTD	0	0	0	0	0	0	0	0
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0
MICE MALE	3	3	3	3	3	3	3	3
ANIMAL ID	3	3	3	3	4	4	4	4
3.52 Glycid M	1	2	3	4	1	2	3	4 * TOT

ALIMENTARY SYSTEM

Esophagus	+ + + + + + +	8
Gallbladder	+ + + + + + +	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

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

TDMS No. 20314 - 02 Test Type: 90-DAY

Poute: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE CAS Number: 5694-00-8

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	0 9 9	0 9 9	0 9 9	9	0 9 9	0 9 9	0 9 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 3 3	0 0 3 3	0 0 3 3	0 0 3 3	0 0 3 4	0 0 3 4	0 0 3 4	0 0 3 4	
3.52 Glycid M	1	2	3	4	1	2	3	4	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	±	+	+	+	+	8
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	-8
Islets, Pancreatic	+	+	+	+	+	+	+	+	= 8
Parathyroid Gland	+	+	+	M		M		+	6
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	8

GENERAL BODY SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

TDMS No. 20314 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	0 9 9	0 9 9	9	0 9	0 9 9	0 9	9	9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 3 3	0 0 3 3	0 0 3 3	0 0 3 3	0 0 3 4	0 0 3 4	0 0 3 4	0 0 3 4	+ TOTAL
3.52 Glycid M	1	2	3	4	1	2	3	4	* TOTALS
GENITAL SYSTEM									
Epididymis	+	+	+	+	+	+	+	+	
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

^{* ...} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

DAY ON TEST	0 9 9	0 9	0 9	0 9	0 9	0 9 9	0 9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 3.52 Glycid M	0 0 3 3 1	0 0 3 3 2	0 0 3 3 3	0 0 3 3 4	0 0 3 4 1	0 0 3 4 2	0 0 3 4 3)) 3 4	* TOTAL
NTEGUMENTARY SYSTEM									
Mammary Gland	М	М	М	М	M	M	М	М	0
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	-8
Skeletal Muscle	+	+	+	+	+	+	+	t	8
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	+	8
Brain, Cerebellum	+	+	+	+	+	+	+	+	8
Brain, Cerebrum	+	+	+	+	+	+	+	+	8
Peripheral Nerve	+	+	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

	1	1	1	1	1	1	1		
DAY ON TEST	0	0	0	0	0	0	0		
	6	6	6	6	6	6	6		
DEZDI /CN VOQUIUEN MEN NOTO	0	0	0	0	0	0	0	······	***************************************
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0		
MICE MALE	6	6	6	6	6	6	6		
ANIMAL ID	1	1	1	1	2	2	2		
Control Feed M	1	2	3	4	1	2	3		* TOTAL

ALIMENTARY SYSTEM

Esophagus	+ + + + + + +	8
Gallbladder	+ + + + + + +	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

^{..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 5	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 6 1	0 0 6 1	0 0 6 1	0 0 6 1	0 0 6 2	0 0 6 2	0 0 6 2	0 0 6 2	
Control Feed M	1	2	3	4	1	2	3	4	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	+	+	+	£ 8
Heart	+	+	+	+	+	+	+	†	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	M	М	+	+	+	M	5
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	8

GENERAL BODY SYSTEM

 $^{^{\}star}\,$.. 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 6	0 6	0 6	1 0 6	1 0 6	1 0 6	1 0 6		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Feed M	0 0 6 1	0 0 6 1 2	0 0 6 1 3	0 0 6 1 4	0 0 6 2 1	0 0 6 2 2	0 0 6 2 3		* TOTALS
NONE									
GENITAL SYSTEM									
Epididymis	+	+	+	+	+	+	+	-	- 8
Preputial Gland	+	+	+	+	+	+	+		8
Prostate	+	+	+	М	+	+	+	М	6
Seminal Vesicle	+	+	+	+	+	+	+		8
Testes	+	+	+	+	+	+	+	+	8
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Spleen	+	+	+	+	+	+	+	+	8
Thymus	+	+	+	+	+	+	+	+	8

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

Page 4

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Feed M	0 0 6 1	0 0 6 1 2	0 0 6 1 3	0 0 6 1 4	0 0 6 2 1	0 0 6 2 2	0 0 6 2 3	0 0 6 2 4	* TOTAL
NTEGUMENTARY SYSTEM									
Mammary Gland	M	M	M	M	М	M	М	M	0
Skin	+	+	+	+	+	+	+	+	
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	. 8
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	+	- 8
Brain, Cerebellum	+	+	+	+	+	+	+	+	8
Brain, Cerebrum	+	+	+	+	+	+	+	+	8
Peripheral Nerve	+	+	+	+	+	+	+	+	
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	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 BLANK .. Not examined microscopically

TDMS No. 20313 - 04 Test Type: 90-DAY

Route: DOSED FEED Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Feed M	0 0 6 1	0 0 6 1 2	0 0 6 1 3	0 0 6 1 4	0 0 6 2 1	0 0 6 2 2	0 0 6 2 3	0 0 6 2 4	* TOTALS
Spinal Cord, Thoracic	+	+	+	+	+	+	+		8
RESPIRATORY SYSTEM									
Lung	+	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	+	811
Trachea	+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM									
Eye	+	+	+	+	+	+	+	+	. 8
* Harderian Gland	+	+	+	+	+	+	+	+	8.14
URINARY SYSTEM									
Kidney	+	+	+	+	+	+	+	+	
Urinary Bladder	+	+	+	+	+	+	+	+	8

SYSTEMIC LESIONS

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

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

x .. Lesion present
I .. Insufficient tissue

TDMS No. 20313 - 04 Test Type: 90-DAY

Route: DOSED FEED
Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

		******				*****			
Control Feed M		1	2	3	4	1.	2	3	* TOTAL
	ANIMAL ID	1	1	1	1	2	2	2	
MICE MALE		6	6	6	6	6	6	6	
	INIT A-INCLU	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN		0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	
	DAY ON TEST	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

	1	0	1	1	1	1	1	1	
DAY ON TEST	0	1	0	0	0	0	0	0	
	6	9	6	6	6	6	6	6	
***************************************			1	γ	1	1		1	••••
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
MICE MALE	6	6	6	6	6	6	6	6	
ANIMAL ID	5	5	5	5	6	6	6	6	
18.5 PPM Acryl M	1	2	3	4	1	2	3	4	

ALIMENTARY SYSTEM

Esophagus	м	0
Gallbladder	M	,
Intestine Large, Cecum	М	0
Intestine Large, Colon	М	0
Intestine Large, Rectum	M	0
Intestine Small, Duodenum	M	0
Intestine Small, Ileum	M	0
Intestine Small, Jejunum	- M	0
Liver	A	- 0
Pancreas	I M ∃	0
Salivary Glands	M	0
Stomach, Forestomach	M_	0

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

^{+ ..} Tissue examined microscopically

x .. Lesion present 1 .. Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 6 9 6 6 6 6 6 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 18.5 PPM Acryl M	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 6 6 6 6	
	1 2 3 4 1 2 3 4	* TOTAL
Stomach, Glandular	M	0
Tongue	M	0
CARDIOVASCULAR SYSTEM		
Blood Vessel	M	0
Heart	М	0
ENDOCRINE SYSTEM		
Adrenal Cortex	i M	0
Adrenal Medulla	M	0
Islets, Pancreatic	M	0
Parathyroid Gland	- M	0:
Pituitary Gland	M	0
Thyroid Gland	M	0

GENERAL BODY SYSTEM

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 6	0 1 9	1 0 6	0	1 0 6	1 0 6	1 0 6	1 0 6		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 18.5 PPM Acryl M		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 6 6 6 6							* TOTAL	
NONE										
GENITAL SYSTEM										
Epididymis									0	
Preputial Gland M							0			
Prostate M								0		
Seminal Vesicle M									0	
Testes	Testes A									
HEMATOPOIETIC SYSTEM										
Bone Marrow	******	M			******		******		0	
Lymph Node, Mandibular	0									
Lymph Node, Mesenteric	/mph Node, Mesenteric M									
Spleen	M									
Thymus M									0	

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 6	0 1 9	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 18.5 PPM Acryl M		0 0 6 5 2	0 0 6 5 3	0 0 6 5 4	0 0 6 6 1	0 0 6 6 2	0 0 6 6 4	* TOTALS	
INTEGUMENTARY SYSTEM									
Mammary Gland		М	******		*****	******			0
Skin		М				******			0
MUSCULOSKELETAL SYSTEM									
Bone, Fernur		M	******	******	*****	******	******		0
Skeletal Muscle		Α	******	*****	******	******	******		0
NERVOUS SYSTEM									2
Brain, Brain Stem		М				******	******		0
Brain, Cerebellum	*****	М	******				******		0
Brain, Cerebrum	******	М							0
Peripharal Nerve		Α	******			******			0
Spinal Cord, Cervical	11100	M			******	******			0
Spinal Cord, Lumbar	*****	M							0.

^{* ..} 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 BLANK .. Not examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

DAY ON TEST	1 0 6	0 1 9	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 18.5 PPM Acryl M	0 0 6 5	0 0 6 5 2	0 0 6 5 3	0 0 6 5 4	0 0 6 6	0 0 6 6 2	0 0 6 6 3	0 0 6 6 4	* TOTALS
Spinal Cord, Thoracic	******	М							0
RESPIRATORY SYSTEM									
Lung	*****	Α	******	******	******			-	0
Nose		M			******	******			0
Trachea		M				******			0
SPECIAL SENSES SYSTEM									
Eye	*****	M	*******		******	*****	******		0
Harderian Gland		М				******	******		0
URINARY SYSTEM									
Kidney	******	Α			******		******		0
Urinary Bladder	*****	M			*****		******		0

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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

C57BL/6N XC3H/HEN MTV-NCTR	0 0	0	0	0	0	0	0	
MICE MALE ANIMAL ID	6 5	6	6	6	6	6	6	
18.5 PPM Acryl M	1	2	3	4	1	2	3	* TOTAL

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID ANIMAL ID	0 0 5 7	0 0 5 7 2	0 0 5 7 3	0 0 5 7 4	0 0 5 8 1	0 0 5 8 2	0 0 5 8 3	0 0 5 8 4	* TOTALS
ALIMENTARY SYSTEM NONE									
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM NONE									
GENERAL BODY SYSTEM NONE							•		
GENITAL SYSTEM NONE									
HEMATOPOIETIC SYSTEM									
Spleen	*****		******		******		+		1
INTEGUMENTARY SYSTEM NONE									

MUSCULOSKELETAL SYSTEM

M .. Missing tissue

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

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

^{+ ...} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

TDMS No. 20313 - 04 Test Type: 90-DAY

Route: DOSED FEED
Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID ANIMAL ID	0 0 5 7 1	0 0 5 7 2	0 0 5 7 3	0 0 5 7 4	0 0 5 8 1	0 0 5 8 2	0 0 5 8 3	0 0 5 8 4	* TOTALS
NONE									
NERVOUS SYSTEM									
Brain, Cerebrum	3******			******	******		*******	+	11
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM NONE									
URINARY SYSTEM NONE									
SYSTEMIC LESIONS +									
Multiple Organ	3				******			+	2

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	0 2 1	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 5 3	0 0 5 3	0 0 5 3	0 0 5 3	0 0 5 4	0 0 5 4	0 0 5 4	
185 PPM Acryl M	1	2	3	4	1	2	3	* TOTALS
ALIMENTARY SYSTEM								
Esophagus	+		•••••					1
Gallbladder	+							1
Intestine Large, Cecum	+							-1
Intestine Large, Colon	+							1
Intestine Large, Rectum	+							1
Intestine Small, Duodenum	+							1
Intestine Small, Ileum	+							² 1
Intestine Small, Jejunum	+							 1
Liver	+							1
Pancreas	+				,,,,,,,			1
Salivary Glands	+							 _1
Stomach, Forestomach	+							1

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	0 2 1	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 185 PPM Acryl M	0 0 5 3	0 0 5 3 2	0 0 5 3 3	0 0 5 3 4	0 0 5 4 1	0 0 5 4 2	0 0 5 4 3	* TOTALS
Stomach, Glandular	+					La come y		1
Tongue	+							1
CARDIOVASCULAR SYSTEM								
Blood Vessel	+					*******		1
Heart	+		*******		******	******		= 1
ENDOCRINE SYSTEM								
Adrenal Cortex	+	******					******	 1
Adrenal Medulla	+							1
Islets, Pancreatic	+							11
Parathyroid Gland	N			******	******			0
Pituitary Gland	+							1
Thyroid Gland	+				******			1

GENERAL BODY SYSTEM

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	0 2 1	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 5	0 0 5	0 0 5	0 0 5	0 0 5	0 0 5	0 0 5		
185 PPM Acryl M	3	2	3	3	1	2	3		* TOTALS
NONE									
GENITAL SYSTEM									
Epididymis	+	******	******	******	******	******	******		1
Preputial Gland	+		******		******	******			1
Prostate	+		******						1
Seminal Vesicle	+	*******				******	******		1
Testes	+	+	+	+	+	+	+	+	8
HEMATOPOIETIC SYSTEM									
Bone Marrow	+								1
Lymph Node, Mandibular	+		******	******	******	******			1
Lymph Node, Mesenteric	+			******	******				1

Spleen

Thymus

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	0 2 1	1 0 6	1 0 6	1 0 6	0 6	1 0 6	1 0 6	1 0 6
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 5 3	0 0 5 3	0 0 5 3	0 0 5 3	0 0 5 4	0 0 5 4	0 0 5 4	0 0 5 4
185 PPM Acryl M	1	2	3	4	1	2	3	* TOT/
NTEGUMENTARY SYSTEM								
Mammary Gland	M			•••••		*******		
Skin	+		*******	*******	******	******	******	
MUSCULOSKELETAL SYSTEM								
Bone, Femur	+			*******	******			
Skeletal Muscle	+	+	+	+	+	+	+	+
NERVOUS SYSTEM								
Brain, Brain Stem	+		******					
Brain, Cerebellum	+							10
Brain, Cerebrum	+		******		******	*******	.,,,	
Peripheral Nerve	+	+	+	+	+	+	+	+
Spinal Cord, Cervical	+	+	+	+	+	+	+	+*
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+

^{* ..} 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 BLANK .. Not examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/NCTR

DAY ON TEST	0 1 1 1 1 1 1 1 1 2 0 0 0 0 0 0 0 0 1 6 6 6 6 6 6 6 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* TOTALS
Spinal Cord, Thoracic	Ť + + + + + + +	8 -
RESPIRATORY SYSTEM		
Lung	+	1
Nose	+	1
Trachea	+	1.
SPECIAL SENSES SYSTEM		
Eye	+	1
Harderian Gland	- +	1
URINARY SYSTEM		
Kidney	4	1
Urinary Bladder	+	1

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 BLANK .. Not examined microscopically

TDMS No. 20313 - 04 Test Type: 90-DAY

Route: DOSED FEED
Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

185 PPM Acryl M	1	2	3	4	1	2	3	* TOTAL
ANIMAL ID	3	3	3	3	4	4	4	
MICE MALE	5	5	5	5	5	5	5	
	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
	1	6	6	6	6	6	6	
DAY ON TEST	2	0	0	0	0	0	0	
	0	1	1	1	1	1	1	

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

	1	1	1	1	1	0	1	1	
DAY ON TEST	0	0	0	0	0	6	0	0	
	6	6	6	6	6	2	6	6	
25701 (01) VO01/4/51/ 147/ 1/070	0	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
MICE MALE	4	4	. 4	4	5	5	5	5	
ANIMAL ID	9	9	9	9	0	0	0	0	
370 PPM Acryl M	1	2	3	4	1	2	3	4	* TOTAL

ALIMENTARY SYSTEM

Esophagus	+ + + + + A + +	7
Gallbladder	+ + + + + A + + .	7
Intestine Large, Cecum	+ + + + A + +	7
Intestine Large, Colon	+ + + + + A + +	7
Intestine Large, Rectum	+ + + + M + +	7
Intestine Small, Duodenum	+ + + + + A + +	7
Intestine Small, Ileum	+ + + + A + +	7
Intestine Small, Jejunum	+ + + + A + +	7
Liver	+ + + + A + +	7
Pancreas	+ + + + A + +	7
Salivary Glands	+ + + + A + +	7
Stomach, Forestomach	+ + + + A + +	7

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	0 6 2	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 4 9	0 0 4 9	0 0 4 9	0 0 4 9	0 0 5 0	0 0 5 0	0 0 5 0	0 0 5 0	
370 PPM Acryl M	1	2	3	4	1	2	3	4	* TOTALS
Stomach, Glandular	+	+	+	+	+	Α	+	+	7
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM									· ·
Blood Vessel	+	+	+	+	+	Α	+	+ _ 3	7
Heart	+	+	+	+	+	+	+	+	- 8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	Α	+	+	7
Adrenal Medulla	+	+	+	+	+	Α	+	+	7
Islets, Pancreatic	+	+	+	+	+	Α	+	+	7
Parathyroid Gland	+	+	+	+	М	Α	+	+	6
Pituitary Gland	+	+	+	+	+	Α	+	+	7
Thyroid Gland	+	+	+	+	+	A	+	+	7

GENERAL BODY SYSTEM

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	0 6 2	1 0 6		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE		0 0 4 9	0 0 4 9	0 0 4 9	0 0 5 0	0 0 5 0	0 0 5 0		
370 PPM Acryl M		2	3	4	1	2	3		* TOTAL
NONE									
GENITAL SYSTEM									
Epididymis	+	+	+	+	+	M	+	- 1	7
Preputial Gland	+	+	+	+	+	Α	+		7
Prostate	+	М	+	+	+	М	+		6
Seminal Vesicle	+	+	+	+	+	M	+		7
Testes	+		+	+	+	М	+	-	7
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	Α	+	+	7
Lymph Node, Mandibular	+	+	+	Ŧ	+	Α	+	+	7
Lymph Node, Mesenteric	+	+	+	+	+	Α	+	+ ·	7
Spleen	+	+	+	+	+	Α	+	+	7
Thymus	+	+	+	+	+	M	+	+	7

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 6	1 0 6	1 0 6	1 0 6	1 0 6	0 6 2	1 0 6	1 0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 370 PPM Acryl M	0 0 4 9 1	0 0 4 9 2	0 0 4 9 3	0 0 4 9 4	0 0 5 0 1	0 0 5 0 2	0 0 5 0 3	0 0 5 0 4	* TOTALS
NTEGUMENTARY SYSTEM									
Mammary Gland	M	M	M	М	М	М	M	M	0
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	Α	+	+	7
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	Α	+	+	7
Brain, Cerebellum	+	+	+	+	+	Α	+	+	7
Brain, Cerebrum	+	+	+	+	+	A	+	+	7
Peripheral Nerve	+	+	+	+	+	A	+	+	7
Spinal Cord, Cervical	+	+	+	+	+	A	+	+	7
Spinal Cord, Lumbar	+	+	+	+	+	A	+	+	7

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

M .. Missing tissue

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

	-1	1	1	15	I				
DAY ON TEST	1 0 6	0 6	0 6	0 6	0 6	6 2	0 6	0 6	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID		0 0 4 9 2		0 0 4 9 4	0 0 5 0	0 0 5 0 2	0 0 5 0 3	0 0 5 0	* TOTAL
370 PPM Acryl M	1	1	1		1			4	
Spinal Cord, Thoracic	+	+	+	+	+	1	+		7
RESPIRATORY SYSTEM									
Lung	+	+	+	+	+	A	+	+	7
Nose	+	+	+	+	+	A	+	+	7
Trachea	+	+	+	+	+	Α	+		7
SPECIAL SENSES SYSTEM									
Eye	+	+	+	****	7		EL WARRANT.	+	- 7
Harderian Gland	+	+	+	+	+	Α			7
URINARY SYSTEM									
Kidney	+	+	+	+	+	Α	+	+	7
Urinary Bladder	+	+	+	+	+	М	+	+	 7

SYSTEMIC LESIONS

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

370 PPM Acryl M	1	2	3	4	1	2	3		* TOTAL
ANIMAL ID	9	9	9	9	0	0	0		
MICE MALE	4	4	4	4	5	5	5		
	0	0	0	0	0	0	0		
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	(
	6	6	6	6	6	2	6		
DAY ON TEST	0	0	0	0	0	6	0		
	1	1	1	1	-1	0	-1		

*** END OF MALE DATA ***

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

^{+ ..} Tissue examined microscopically

x .. Lesion present
I .. Insufficient tissue

d microscopically

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	
OCZDI ICHI VOQUILIEN MTV NOTD	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE FEMALE	6	6	6	6	6	6	6	
ANIMAL ID	3	3	3	3	4	4	4	
Control Feed F	1	2	3	4	1	2	3	* TOTAL

ALIMENTARY SYSTEM

Esophagus	+ + + + + + + +	8
Galibladder	+ + + + + + +	- 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

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Feed F		0 0 6 3 2	0 0 6 3 3	0 0 6 3 4	0 0 6 4 1	0 0 6 4 2	0 0 6 4 3	0 0 6 4 4	* TOTAL
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	+	+	+	8
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	M	+	+	+	7
Islets, Pancreatic	+	+	+	+	+	+	+	+	8 -
Parathyroid Gland	M		+	M		М	+	+	5
Pituitary Gland	+	+	+	+	+	+	+	+	
Thyroid Gland			+	+	+	+	+	+	7

GENERAL BODY SYSTEM

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	is		
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Feed F		0 0 6 3 2	0 6 3	0 0 6 3 4	0 0 6 4 1	0 0 6 4 2	0 0 6 4 3	0 0 6 4 4			* TOTA
NONE		1	1								
GENITAL SYSTEM						Ī					
Clitoral Gland	+	+	+	+	+	+	+	+ =	***************************************		8
Ovary	+	+	+	+	+	+	+	+	***************************************	······································	8
Uterus	+	+	+	+	+	+	+	+			8
HEMATOPOIETIC SYSTEM											K
Bone Marrow	+	+	+	+	+	+	+	+			
Lymph Node, Mandibular	+	+	+	+	+	+	+	+			1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+		***************************************	
Spleen	+	4	+	+	+	+	+	+			
Thymus	+	4	- +	+	+	+	+	+	***************************************		
	+	+	+ +	+	+	+	+	+			
Mammary Gland	+		+ +	+	+	+	+	+		***************************************	

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Feed F		0 0 6 3 2	0 0 6 3 3	0 0 6 3 4	0 0 6 4 1	0 0 6 4 2	0 0 6 4 3	0 0 6 4 4	* TOTALS
Skin	+	+	±	+	+	+	+	+	< 8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	+	.8
Brain, Cerebellum	+	+	+	+	+	+	+	+	. 8
* Brain, Cerebrum	+	+	+	+	+	+	+	+	8
Peripheral Nerve	+	4	+	+	+	+	+	+	8
Spinal Cord, Cervical	+	4	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	4	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+		+ +	+	+	+	+	+	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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID Control Feed F	0 0 6 3 1		0 0 6 3 3	0 0 6 3 4	0 0 6 4 1	0 0 6 4 2	0 0 6 4 3	0 0 6 4 4	* TOTALS
RESPIRATORY SYSTEM				(1)					
Lung	+	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	+	. 8
Trachea	+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM									
Eye	+	+	+	+	+	+	+	+	8
Harderian Gland	+	+	+	+	+	+	+	+	8
URINARY SYSTEM									
Kidney	+	+	+	+	+	+	+	+	8
Urinary Bladder	+	+	+	+	+	+	+	1	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

M .. Missing tissue

A .. Autolysis precludes evaluation

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 185 PPM Acryl F	0 0 5 5 1	0 0 5 5 2	0 0 5 5 3	0 0 5 5 4	0 0 5 6 1	0 0 5 6 2	0 0 5 6 3	0 0 5 6 4	* TOTALS
ALIMENTARY SYSTEM									
CARDIOVASCULAR SYSTEM NONE									
ENDOCRINE SYSTEM									
GENERAL BODY SYSTEM									
GENITAL SYSTEM									
Ovary	+	+	+	+	+	+	+		8
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM NONE									

MUSCULOSKELETAL SYSTEM

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 7	1 0 7		1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	9		
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID ANIMAL ID	0 0 5 5 1	0 0 5 5 2	0 5 5	5	0 0 5 6 1	0 0 5 6 2	0 0 5 6 3	0 0 5 6 4			* TOTAL
Skeletal Muscle	+	+		+	+	+	+	+			- 8
NERVOUS SYSTEM											
Peripheral Nerve	+	- 4	+	+	+	+	+	+			8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+			8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+			8
Spinal Cord, Thoracic	+	+	+	+	+	ŧ	+	+			8
RESPIRATORY SYSTEM NONE											
SPECIAL SENSES SYSTEM NONE											
URINARY SYSTEM NONE										***	

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

M .. Missing tissue

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Multiple Organ	+	+	+	+	+	+	+	+	8
185 PPM Acryl F	1	2	3	4	1	2	3	4	* TOTALS
ANIMAL ID	5	5	5	5	6	6	6	6	
MICE FEMALE	5	5	5	5	5	5	5	5	
	0	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	0	
		,					, , ,	1	
DAT ON TEST	7	7	7	7	7	7	7	7	
DAY ON TEST	0	0	0	0	0	0	0	0	
	1 1	1	1	1	1	1	1	1	

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0	1 0	1	1 0	1	1 0	1 0	
	7	7	7	7	7	7	7	
CEZDI /CN VOQU/UEN NETV NOTO	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE FEMALE	5	5	5	5	5	5	5	
ANIMAL ID	1	1	1	1	2	2	2	
370 PPM Acryl F	1	2	3	4	1	2	3	* TOTALS

ALIMENTARY SYSTEM

Esophagus	+ + + + + + +	8
Gallbladder	+ + + + + + +	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

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

DAY ON TEST	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 5 1	0 0 5 1	0 0 5 1	0 0 5 1	0 0 5 2	0 0 5 2	0 0 5 2	0 0 5 2	* TOTAL 6
370 PPM Acryl F	1	2	3	4	1	2	3	4	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM								*	4
Blood Vessel	+	+	M	M	+	+	+	+	6
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	. 8
Adrenal Medulla	+	+	+	+	+	+	+	+ =	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	.8
Parathyroid Gland	+	+	N		+	+	+	+	.7_
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+		+	+	+	+	+	+	8

GENERAL BODY SYSTEM

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE
CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 7)	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL IE	0 0 5	5	0 0 5 1 2	0 0 5 1 3	0 0 5 1 4	0 0 5 2	0 0 5 2 2	0 0 5 2 3	0 0 5 2	* TOTALS
NONE	10.		-				-		*	TOTAL
GENITAL SYSTEM										
Clitoral Gland	4	+	+	+	+	+	+	+	+	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

^{* ..} 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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 370 PPM Acryl F		0 0 5 1 2	0 0 5 1 3	0 0 5 1 4	0 0 5 2 1	0 0 5 2 2	0 0 5 2 3	0 0 5 2 4	* TOTALS
Skin	+	+	+	+	+	+	+	+	8
MUSCULOSKELETAL SYSTEM									
Bone, Femur	+	+	+	+	+	+	+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	- 8
NERVOUS SYSTEM									
Brain, Brain Stem	+	+	+	+	+	+	+	÷ -	8
Brain, Cerebellum	+	+	+	+	+	+	+	+ -	8
Brain, Cerebrum	+	+	+	+	+	ŧ	+	+	8
Peripheral Nerve	+	+	+	+	+	+	+	M	7
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	. 8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	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 BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 07/31/2006 Time Report Regsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

DAY ON TEST	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	1 0 7	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE ANIMAL ID 370 PPM Acryl F	0 0 5 1	0 0 5 1 2	0 0 5 1 3	0 0 5 1 4	0 0 5 2	0 0 5 2 2	0 0 5 2 3	0 0 5 2 4	* TOTALS
RESPIRATORY SYSTEM									
Lung	+	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	. 8
SPECIAL SENSES SYSTEM									
Eye	+	+	+	+	+	+	+	+	8
Harderian Gland	+	+	+	+	+	+	+	+	8
URINARY SYSTEM									14-5
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

^{1 ..} Insufficient tissue

M .. Missing tissue

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

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 07/31/2006 Time Report Reqsted: 12:29:56 First Dose M/F: 08/02/04 / 08/02/04

Lab: NCTR

	1	1	1	1	1	1	1	*	
DAY ON TEST	0	0	0	0	0	0	0		
2 2 120	7	7	7	7	7	7	7		
	0	0	0	0	0	0	0		***************************************
57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	7-4	
MICE FEMALE	5	5	5	5	5	5	5		
ANIMAL ID	1	1	1	1	2	2	2		
370 PPM Acryl F	1	2	3	4	1	2	3		

*** END OF REPORT ***

^{* ..} 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 BLANK .. Not examined microscopically

Appendix IV Non-neoplastic Lesions by Individual Animal (Pathology Report 9)

Species/Strain: MICE/B6C3F1/NCTR

C Number:

C20313

Lock Date:

Not Entered.

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

ALL

Removal Date Range:

ALL

Treatment Groups:

Include ALL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	0	0	0	0	0	0	0	
DAY ON TEST	9	9	9	9	9	9	9	
	9	9	9	9	9	9	9	
***************************************	-				-			 ***************************************
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	U	0	
	0	0	0	0	0	0	0	
MICE MALE	0	0	0	0	0	0	0	>.
ANIMAL ID	5	5	5	5	6	6	6	
Control Water M	1	2	3	4	1	2	3	* TOTAL

ALIMENTARY SYSTEM

Esophagus	+ + + + + + + +	8
Gallbladder	+ + + + M + +	7_
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 Tension Lipidosis	+ + + + + + + + + + 2	8 1 2.0
Pancreas	+ + + + + + + +	8
Salivary Glands	+ + + + + + +	8
Stomach, Forestomach	+ + + + + + + + +	8

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

I ... Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 2

¹⁾ Minimal 3) Moderate

²⁾ Mild

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 · Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

Species/Strain: MICE/	DOC3F1/NCTH			
		0	0	0
	DAY ON TEST	9	9	9
		9	9	q

DAY ON TEST	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9	0 9 9	9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	8
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	+	+	+	 8
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex Subcapsular, Hyperplasia	+	+	+	+	+	+	+	+	8 3 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	+	+	+	+	+	+	8
Pituitary Gland	М	+	+	+	+	+	+	+	7
Thyroid Gland	+	+	+	+	+	+	+	+	8

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

Page 3

1-4 .. Lesion qualified as:

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	9 9	9	9 9	9	9	9 9	9	9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	* TOTALS
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM								~	
Epididymis	+	+	+	+	+	+	+	b +	
Preputial Gland Cyst	+	+	+	+	+	+ 3	+	† 3	8 2 3.0
Prostate	+	+	+	+	+	+	+	+	8
Seminal Vesicle	+	+	+	+	+	+	+	+	8
Testes	+	+	+	+	+	+	+	+	8 🖟
HEMATOPOIETIC SYSTEM									
Bone Marrow	+	+	+	+	+	+	+	+	8
Lymph Node, Mandibular	+	+	M	M	+	+	+	+	6

Lymph Node, Mesenteric

Spleen

8

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 4

^{1-4 ..} Lesion qualified as:

¹⁾ Minimal 3) Moderate 2) Mild

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

DAY ON TEST	9	9	9	9	9	9	9	9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	*1	TOTALS
Thymus	+	+	+	+	+	+	+	+	8	
INTEGUMENTARY SYSTEM										
Mammary Gland	М	М	М	+	М	+	М	М	2	************
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	

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

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

Page 5

^{1-4 ..} Lesion qualified as:

¹⁾ Minimal 3) Moderate

²⁾ Mild 4) Marked

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	0 9 9	0 9 9	0 9 9	9	0 9 9	0 9 9	0 9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID Control Water M		0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3		* TOTAL
Spinal Cord, Cervical	+	+	+	+	+	+	+	-	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+		8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8
RESPIRATORY SYSTEM									
Lung	+	+	+	+	+	+	+	F1 =	8
Nose	+	+	+	+	+	+	+	F	8.
Trachea	+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM									0.0
Eye	+	+	+	+	+	+	+	+	8
Harderian Gland	+	+	+	+	+	+	+	+	8
URINARY SYSTEM									
Kidney	+	+	+	+	+	+	+	+	8
Urinary Bladder	+	+	+	+	+	+	Secret	+	8

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

x .. Lesion present

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

.. Not examined microscopic Page 6 1-4 .. Lesion qualified as: 1) Minimal 3) Moderate

2) Mild

4) Marked

^{+ ..} Tissue examined microscopically

I .. Insufficient tissue

TDMS No. 20313 - 02

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54

First Dose M/F: 07/12/04 / 07/12/04

	0	0	0	0	0	0	0	
DAY ON TEST	9	9	9	9	9	9	9	
DAT ON TEST	9	9	9	9	9	9	9	
NETRI ICHI VOCILILIEN METU NOTO	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE MALE	0	0	0	0	0	0	0	
ANIMAL ID	5	5	5	5	6	6	6	
Control Water M	1	2	3	4	1	2	3	* T(

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

^{+ ..} Tissue examined microscopically

x .. Lesion present

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1
Pathologist: OLSON, G.

Lab NOTE

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	0 9 9	9	0 9	0 9	0 9 9	0 9 9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 0.35 Acryl M	0 0 1 3	0 0 1 3 2	0 0 1 3 3	0 0 1 3 4	0 0 1 4	0 0 1 4 2	0 0 1 4 3	* TOTAL:
ALIMENTARY SYSTEM NONE	1	-				_		TOTAL
CARDIOVASCULAR SYSTEM NONE								
ENDOCRINE SYSTEM NONE								
GENERAL BODY SYSTEM								
GENITAL SYSTEM								
Preputial Gland Cyst	******		••••••			+ 3	+	2 1 3.0
HEMATOPOIETIC SYSTEM NONE								
INTEGUMENTARY SYSTEM NONE								

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

x .. Lesion present

I ... Insufficient tissue

M .. Missing tissue

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

copically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate 2) Mild 4) Marked

Page 8

^{+ ..} Tissue examined microscopically

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54

First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	0	0	0	0	0	0	0	
DAY ON TEST	9	9	9	9	9	9	9	
	9	9	9	9	9	9	9	
	0	0	0	0	0	0	0	
C57BL/6N XC3H/HEN MTV-NCTR	0	0	0	0	0	0	0	
MICE MALE	1	1	1	1	1	1	1	
ANIMAL ID	3	3	3	3	4	4	4	
0.35 Acryl M	1	2	3	4	1	2	3	* TOTAL

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

x .. Lesion present

1 .. Insufficient tissue

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

^{+ ..} Tissue examined microscopically

TDMS No. 20313 - 02

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

Pathologist: OLSON, G.

Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

	1								_
DAY ON TEST	9	9	9	9	9	9	9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID	0 0 1 7	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 1 8 1	0 0 1 8 2	0 0 1 8 3	* 7	TOTAL!
ALIMENTARY SYSTEM NONE									
CARDIOVASCULAR SYSTEM NONE					Ī				
ENDOCRINE SYSTEM NONE									
GENERAL BODY SYSTEM NONE									
GENITAL SYSTEM NONE									
HEMATOPOIETIC SYSTEM NONE									
INTEGUMENTARY SYSTEM									

MUSCULOSKELETAL SYSTEM

x .. Lesion present
I .. Insufficient tissue

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate 2) Mild 4) Marked

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

^{+ ..} Tissue examined microscopically

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	9 9	9	0 9 9	9 9	9	0 9 9	0 9 9		
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 0.70 Acryl M	0 0 1 7	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 1 8	0 0 1 8 2	0 0 1 8 3	3	* TOTALS
Skeletal Muscle	+	+	+	+	+	+	+		8
NERVOUS SYSTEM									
Peripheral Nerve	+	+	+	+	+	+		+ =	8
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM NONE									
URINARY SYSTEM NONE									

x .. Lesion present

Page 11

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

^{+ ..} Tissue examined microscopically

I .. Insufficient tissue

TDMS No. 20313 - 02 Test Type: 90-DAY

Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	9	0 9 9	9	9	0 9 9	0 9 9	0 9 9	0 9 9	
I/HEN MTV-NCTR ANIMAL ID	0 0 0 9	0 0 0 9 2	0 0 0 9 3	0 0 0 9 4	0 0 1 0	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	* TOTALS
YSTEM			<u> </u>						
LAR SYSTEM		Ī							
YSTEM									
Y SYSTEM									
EM									
	+		+		+	+		+	8
IC SYSTEM									
RY SYSTEM									

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

x .. Lesion present

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 12

^{+ ..} Tissue examined microscopically

I .. Insufficient tissue

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1

· Pathologist: OLSON, G.

Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

DAY ON TEST	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	9	0 9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 1.41 Acryl M	0 0 0 9	0 0 0 9 2	0 0 0 9 3	0 0 0 9 4	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	* TOTAL
Skeletal Muscle	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM									
Peripheral Nerve	+	+	+	+	+	+	+	+	 8
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	8
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	8
RESPIRATORY SYSTEM NONE									
SPECIAL SENSES SYSTEM NONE									
URINARY SYSTEM NONE									

x ... Lesion present

Page 13

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

1-4 .. Lesion qualified as:

^{..} Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

^{1 ..} Insufficient tissue

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACRYLAMIDE

CAS Number: 79-06-1 Pathologist: OLSON, G. Date Report Regsted: 06/29/2006 Time Report Regsted: 08:15:54 First Dose M/F: 07/12/04 / 07/12/04

Lab: NCTR

Species/Strain: MICE/B6C3F1/I	NCTR
-------------------------------	------

								245.11011)
0	0	0	0	0	0	0	0	
		100	100	1	111111111111111111111111111111111111111			
9	9	9	9	9	9	9	9	
		1				·····		
		0	0		0	0	0	
1		100	0	0	0	0	0	
0	0	0	0	0	0	0	0	
1	1	1	1	2	2	2	2	
1	2	3	4	1	2	3	4	* TOTALS
*****		*******	•••••	******	******		***************************************	
+	+	+	+	+	+	+	+	8

	0 0 0 1 1 1	9 9 9 9 9 0 0 0 0 0 0 1 1 1 2 0 0 0 0 0 0 0 0 0 0	9 9 9 9 9 9 9 0 0 0 0 0 0 0 1 1 1 1 1 1	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9 9 9 9 9 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 9 9 9 9 9 9 9 9 9 9 9 9 9	9

Esophagus	+ + + + + + +	8
Gallbladder	+ + + + + + M	7
Intestine Large, Cecum		8
Intestine Large, Colon	+ + + + + + +	8
Intestine Large, Rectum	+ + + + + + +	8
Intestine Small, Duodenum	+ + + + + + +	8
Intestine Small, Ileum	f + + + + + + + ×	8 .
' Intestine Small, Jejunum	+ + + + + + +	8
Liver Inflammation, Chronic Active Tension Lipidosis	+ + + + + + + 1 2	8 1 1.0 1 2.0
Pancreas	+ + + + + + +	8
Salivary Glands	+ + + + + + +	8

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

4) Marked

^{+ ..} Tissue examined microscopically

x .. Lesion present

^{1 ..} Insufficient tissue

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

¹⁾ Minimal 3) Moderate

²⁾ Mild

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

GLYCIDAMIDE

CAS Number: 5694-00-8 Pathologist: OLSON, G. Date Report Reqsted: 06/29/2006 Time Report Reqsted: 08:34:07 First Dose M/F: 07/26/04 / 07/26/04

Lab: NCTR

DAY ON TEST	9 9	9	0 9 9	9	9	9	0 9 9	9 9	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID 3.52 Glycid M	0 0 3 3 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 3 3 3	* TOTALS						
Stomach, Glandular	+	+	+	+	+	+	+	+	
Tongue	+	+	+	+	+	+	+	+	8
CARDIOVASCULAR SYSTEM									
Blood Vessel	+	+	+	+	+	+	+	+	8
Heart	+	+	+	+	+	+	+	+	8
ENDOCRINE SYSTEM									
Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	8
Islets, Pancreatic	+	+	+	+	+	+	+	+	8
Parathyroid Gland	+	+	+	М	+	М	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	8

GENERAL BODY SYSTEM

^{* ..} 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 BLANK .. Not examined microscopically