

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

**NTP Study Number:** C20313  
**Lock Date:** 03/06/2013  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 11

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300011

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

\* Testes

---

**OBSERVATIONS**

Kidney

Hydronephrosis

Mild

[ Hydronephrosis TGLs = 1-9 ]

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 12

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300012

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

---

**OBSERVATIONS**

\* Testes

Germinal Epith

Degeneration

Minimal

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 21

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300021

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

\* Testes

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 22

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300022

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

---

**OBSERVATIONS**

\* Testes

Germinal Epith

Degeneration

Minimal

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 31

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300031

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

\* Testes

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 32

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300032

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

---

**OBSERVATIONS**

\* Testes

Germinal Epith

Degeneration

Minimal

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

<b>ANIMAL ID:</b> 41	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 101
	<b>DOSE:</b> 50 UG/ML	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 021500300041

---

**OBSERVATIONS**

* Epididymis		Exfoliated Germ Cell	Minimal
* Testes	Germinal Epith	Degeneration	Minimal

---



**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 101
	<b>DOSE:</b> 50 UG/ML	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 021500300042
<b>OBSERVATIONS</b>			
* Epididymis		Exfoliated Germ Cell	Minimal
* Testes	Germinal Epith	Degeneration	Minimal

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 91

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300091

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 92

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300092

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 101

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300101

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 102

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300102

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 111

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300111

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 112

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300112

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 121

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300121

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---



**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 122

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300122

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 171

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300171

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

\* Testes

---

**OBSERVATIONS**

Preputial Gland

Inflammation

Suppurative, Moderate

[ Inflammation TGLs = 1-8 ]

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 172

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300172

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

\* Testes

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 181

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300181

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

\* Testes

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 182

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300182

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

\* Testes

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 191

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300191

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

\* Testes

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 192

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300192

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

\* Testes

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 201

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300201

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

\* Testes

---



**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 202

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300202

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

\* Testes

---

**OBSERVATIONS**

Liver

Left Lat Lobe

Developmental Malformation

[ Developmental Malformation TGLs = 1-3 ]

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 251

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300251

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

---

**OBSERVATIONS**

\* Epididymis

Exfoliated Germ Cell

Minimal

\* Testes

Germinal Epith

Degeneration

Minimal

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 252

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300252

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

---

**OBSERVATIONS**

\* Epididymis

Exfoliated Germ Cell

Mild

\* Testes

Germinal Epith

Degeneration

Minimal

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 261

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300261

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

---

**OBSERVATIONS**

\* Epididymis

Exfoliated Germ Cell

Minimal

\* Testes

Germinal Epith

Degeneration

Minimal

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 262

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300262

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

---

**OBSERVATIONS**

\* Epididymis

Exfoliated Germ Cell

Minimal

\* Testes

Germinal Epith

Degeneration

Minimal

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 271

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300271

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

---

**OBSERVATIONS**

\* Epididymis

Exfoliated Germ Cell

Minimal

\* Testes

Germinal Epith

Degeneration

Minimal

---

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 272

TRT#: 5

SEX: Male

DAY ON TEST: 101

DOSE: 100 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Bone Marrow

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

OBSERVATIONS

\* Epididymis

Exfoliated Germ Cell

Minimal

Liver

Left Lat Lobe

Developmental Malformation

[ Developmental Malformation

TGLs = 1-3 ]

\* Testes

Germinal Epith

Degeneration

Minimal

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

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**ANIMAL ID:** 281

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300281

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

---

**OBSERVATIONS**

\* Epididymis

Exfoliated Germ Cell

Minimal

\* Testes

Germinal Epith

Degeneration

Minimal

---



Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 282

TRT#: 5

SEX: Male

DAY ON TEST: 101

DOSE: 100 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Bone Marrow

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

OBSERVATIONS

\* Epididymis

Exfoliated Germ Cell

Minimal

Preputial Gland

Inflammation

Chronic, Marked

[ Inflammation TGLs = 1-2A ]

\* Testes

Germinal Epith

Degeneration

Minimal

Animal Note: TGL 1 noted grossly as skin was preputial gland

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 331

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone, Femur            |
| * Brain, Brain Stem        | * Brain, Cerebellum       | * Brain, Cerebrum           | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Preputial Gland        |
| * Salivary Glands          | * Seminal Vesicle         | * Skin                      | * Spinal Cord, Cervical  |
| * Spinal Cord, Thoracic    | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Tongue                  | * Trachea                   |                          |

OBSERVATIONS

- |                       |                |                      |               |
|-----------------------|----------------|----------------------|---------------|
| * Bone Marrow         | Erythroid Cell | Hyperplasia          | Mild          |
| * Epididymis          |                | Exfoliated Germ Cell | Moderate      |
|                       |                | Hypospermia          | Moderate      |
| * Nose                | Goblet Cell    | Hyperplasia          | Minimal       |
| * Peripheral Nerve    | Axon           | Degeneration         | Moderate      |
|                       | Schwann Cell   | Degeneration         | Moderate      |
| * Prostate            |                | Inflammation         | Chronic, Mild |
| * Skeletal Muscle     |                | Atrophy              | Mild          |
| * Spinal Cord, Lumbar | Axon           | Degeneration         | Minimal       |
| * Spleen              |                | Congestion           | Moderate      |
|                       |                | Pigmentation         | Moderate      |
| * Testes              | Germinal Epith | Degeneration         | Mild          |
| * Urinary Bladder     |                | Dilatation           | Moderate      |

[ Dilatation TGLs = 1-9 ]

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 332

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spinal Cord, Cervical
* Spinal Cord, Thoracic	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Epididymis		Exfoliated Germ Cell	Marked
		Hypospermia	Marked
* Harderian Gland		Inflammation	Chronic, Mild
* Heart	Myocardium	Inflammation	Focal, Minimal
* Liver	Left Lat Lobe	Developmental Malformation	
	[ Developmental Malformation TGLs = 3-3 ]		
* Nose	Goblet Cell	Hyperplasia	Minimal
* Peripheral Nerve	Axon	Degeneration	Moderate
	Schwann Cell	Degeneration	Moderate
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Suppurative, Moderate
* Skeletal Muscle		Atrophy	Mild
* Spinal Cord, Lumbar	Axon	Degeneration	Mild
* Spleen		Pigmentation	Moderate
* Testes	Germinal Epith	Degeneration	Moderate
	[ Degeneration TGLs = 1-8 ]		
* Urinary Bladder		Dilatation	Marked
	[ Dilatation TGLs = 2-9 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 341

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spinal Cord, Cervical	* Spinal Cord, Thoracic	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Tongue	* Trachea

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Epididymis		Exfoliated Germ Cell	Marked
		Hypospermia	Marked
* Peripheral Nerve	Axon	Degeneration	Moderate
	Schwann Cell	Degeneration	Moderate
* Preputial Gland		Inflammation	Suppurative, Moderate
* Skeletal Muscle		Atrophy	Mild
* Spinal Cord, Lumbar	Axon	Degeneration	Mild
* Spleen		Congestion	Moderate
		Pigmentation	Moderate
* Testes	Germinal Epith	Degeneration	Marked
	[ Degeneration TGLs = 2-8 ]		
* Urinary Bladder		Dilatation	Moderate
	[ Dilatation TGLs = 1-9 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 342

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spinal Cord, Cervical	* Spinal Cord, Thoracic	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Tongue	* Trachea

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Epididymis		Exfoliated Germ Cell	Moderate
		Hypospermia	Marked
* Peripheral Nerve	Axon	Degeneration	Moderate
	Schwann Cell	Degeneration	Moderate
* Preputial Gland		Inflammation	Suppurative, Moderate
* Skeletal Muscle		Atrophy	Mild
* Spinal Cord, Lumbar	Axon	Degeneration	Minimal
* Spleen		Congestion	Mild
		Pigmentation	Mild
* Testes	Germinal Epith	Degeneration	Moderate
* Urinary Bladder		Dilatation	Moderate

[ Dilatation TGLs = 1-9 ]

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 351

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Thoracic
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Tongue	* Trachea		

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Epididymis		Exfoliated Germ Cell	Moderate
		Hypospermia	Mild
* Heart	Myocardium	Inflammation	Focal, Minimal
* Nose	Goblet Cell	Hyperplasia	Mild
* Peripheral Nerve	Axon	Degeneration	Moderate
	Schwann Cell	Degeneration	Moderate
* Preputial Gland		Inflammation	Chronic, Minimal
* Skeletal Muscle		Atrophy	Mild
* Spinal Cord, Lumbar	Axon	Degeneration	Minimal
* Spleen		Congestion	Moderate
		Pigmentation	Moderate
* Testes	Germinal Epith	Degeneration	Mild
* Urinary Bladder		Dilatation	Moderate

[ Dilatation TGLs = 1-9 ]

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 352

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Blood Vessel           | * Bone, Femur              |
| * Brain, Brain Stem       | * Brain, Cerebellum         | * Brain, Cerebrum        | * Esophagus                |
| * Eye                     | * Harderian Gland           | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Liver                  | * Lung                     |
| * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          | * Pancreas                 |
| * Parathyroid Gland       | * Pituitary Gland           | * Prostate               | * Salivary Glands          |
| * Seminal Vesicle         | * Skin                      | * Spinal Cord, Cervical  | * Spinal Cord, Thoracic    |
| * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 | * Tongue                   |
| * Trachea                 |                             |                          |                            |

OBSERVATIONS

- |                       |                |                      |                   |
|-----------------------|----------------|----------------------|-------------------|
| * Bone Marrow         | Erythroid Cell | Hyperplasia          | Mild              |
| * Epididymis          |                | Exfoliated Germ Cell | Mild              |
|                       |                | Hypospermia          | Mild              |
| * Heart               | Myocardium     | Inflammation         | Focal, Minimal    |
| * Nose                | Goblet Cell    | Hyperplasia          | Mild              |
| * Peripheral Nerve    | Axon           | Degeneration         | Moderate          |
|                       | Schwann Cell   | Degeneration         | Moderate          |
| * Preputial Gland     |                | Inflammation         | Suppurative, Mild |
| * Skeletal Muscle     |                | Atrophy              | Minimal           |
| * Spinal Cord, Lumbar | Axon           | Degeneration         | Mild              |
| * Spleen              |                | Congestion           | Mild              |
|                       |                | Pigmentation         | Mild              |
| * Testes              | Germinal Epith | Degeneration         | Mild              |
| * Thyroid Gland       |                | Inflammation         | Chronic, Minimal  |
| * Urinary Bladder     |                | Dilatation           | Moderate          |

[ Dilatation TGLs = 1-9 ]

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 361

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Blood Vessel           | * Bone, Femur              |
| * Brain, Brain Stem       | * Brain, Cerebellum         | * Brain, Cerebrum        | * Esophagus                |
| * Eye                     | * Harderian Gland           | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Lung                   | * Lymph Node, Mandibular   |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Pancreas               | * Parathyroid Gland        |
| * Prostate                | * Salivary Glands           | * Seminal Vesicle        | * Skeletal Muscle          |
| * Skin                    | * Spinal Cord, Cervical     | * Spinal Cord, Thoracic  | * Stomach, Forestomach     |
| * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          | * Tongue                   |
| * Trachea                 |                             |                          |                            |

OBSERVATIONS

- |                       |                |                                  |                |
|-----------------------|----------------|----------------------------------|----------------|
| * Bone Marrow         | Erythroid Cell | Hyperplasia                      | Mild           |
| * Epididymis          |                | Exfoliated Germ Cell             | Moderate       |
|                       |                | Hypospermia                      | Moderate       |
| * Heart               | Myocardium     | Inflammation                     | Focal, Minimal |
| * Liver               |                | Hematopoietic Cell Proliferation | Minimal        |
| * Nose                | Goblet Cell    | Hyperplasia                      | Mild           |
| * Peripheral Nerve    | Axon           | Degeneration                     | Moderate       |
|                       | Schwann Cell   | Degeneration                     | Moderate       |
| * Pituitary Gland     | Pars Distalis  | Cyst                             |                |
| * Preputial Gland     |                | Inflammation                     | Chronic, Mild  |
| * Spinal Cord, Lumbar | Axon           | Degeneration                     | Moderate       |
| * Spleen              |                | Congestion                       | Moderate       |
|                       |                | Pigmentation                     | Moderate       |
| * Testes              | Germinal Epith | Degeneration                     | Mild           |
| * Urinary Bladder     |                | Dilatation                       | Moderate       |

[ Dilatation TGLs = 1-9 ]



Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 362

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord, Cervical
* Spinal Cord, Thoracic	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Epididymis		Exfoliated Germ Cell	Marked
		Hypospermia	Marked
* Heart	Myocardium	Inflammation	Focal, Minimal
* Kidney	Cortex	Inflammation	Chronic, Minimal
* Peripheral Nerve	Axon	Degeneration	Moderate
	Schwann Cell	Degeneration	Moderate
* Prostate		Inflammation	Suppurative, Mild
* Spinal Cord, Lumbar	Axon	Degeneration	Moderate
* Spleen		Congestion	Moderate
		Pigmentation	Moderate
* Testes	Germinal Epith	Degeneration	Marked
	[ Degeneration TGLs = 1-8 ]		
* Urinary Bladder		Dilatation	Moderate
	[ Dilatation TGLs = 2-9 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Acrylamide  
CAS Number: 79-06-1

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

**ANIMAL ID:** 411

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 021500300411

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord, Cervical
* Spinal Cord, Lumbar	* Spinal Cord, Thoracic	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Heart	Myocardium	Inflammation	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 412

TRT#: 1

SEX: Male

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spinal Cord, Thoracic	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Inflammation	Focal, Mild
* Intestine Small, Jejunum		Inflammation	Acute, Moderate
* Lung	Artery	Mineralization	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Inflammation	Suppurative, Mild

[ Inflammation TGLs = 1-8 ]

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 421

TRT#: 1

SEX: Male

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spinal Cord, Thoracic
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Focal, Moderate
* Kidney		Hydronephrosis	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose	Goblet Cell	Hyperplasia	Minimal

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 422

TRT#: 1

SEX: Male

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar
* Spinal Cord, Thoracic	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Focal, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Suppurative, Mild
* Thymus		Hemorrhage	Mild

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 431

TRT#: 1

SEX: Male

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spinal Cord, Thoracic
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Focal, Minimal
* Nose	Goblet Cell	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 432

TRT#: 1

SEX: Male

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spinal Cord, Thoracic
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Lung	Artery	Mineralization	Mild
* Nose	Goblet Cell	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 441

TRT#: 1

SEX: Male

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Prostate	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spinal Cord, Thoracic	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Inflammation	Focal, Mild
* Kidney		Hydronephrosis	Mild
	[ Hydronephrosis TGLs = 1-9 ]		
* Lung	Artery	Mineralization	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Seminal Vesicle		Decreased Secretory Fluid	
		Dilatation	Mild
	[ Decreased Secretory Fluid TGLs = 3-8B ]		
	[ Dilatation TGLs = 2-8B ]		



Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Acrylamide  
CAS Number: 79-06-1

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

**ANIMAL ID:** 442

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 021500300442

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar
* Spinal Cord, Thoracic	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Tongue
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Liver		Necrosis	Focal, Mild
* Nose	Goblet Cell	Hyperplasia	Mild
* Preputial Gland		Inflammation	Suppurative, Mild

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 51

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300051

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 52

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300052

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 61

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300061

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 62

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300062

---

**OBSERVATIONS**

Uterus

Dilatation

Moderate

[ Dilatation TGLs = 1-8A ]

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 71

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300071

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 72

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300072

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 81

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300081

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---



**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 82

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300082

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 131

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300131

---

**OBSERVATIONS**

Liver

Left Lat Lobe

Developmental Malformation

[ Developmental Malformation TGLs = 1-3 ]

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 132

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300132

---

**OBSERVATIONS**

Mesentery

Fat

Necrosis

Moderate

[ Necrosis TGLs = 1-17 ]

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 141

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300141

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 142

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300142

---

**OBSERVATIONS**

Uterus

Dilatation

Moderate

[ Dilatation TGLs = 1-8A ]

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 151

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300151

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 152

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300152

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 161

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300161

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---



**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 162

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 10 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300162

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 211

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300211

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 212

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300212

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 221

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300221

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 222

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300222

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 231

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300231

---

**OBSERVATIONS**

Liver

Left Lat Lobe

Developmental Malformation

[ Developmental Malformation TGLs = 1-3 ]

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 232

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300232

---

**OBSERVATIONS**

Liver

Left Lat Lobe

Developmental Malformation

[ Developmental Malformation TGLs = 1-3 ]

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 241

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300241

---

**OBSERVATIONS**

Clitoral Gland

Inflammation

Chronic, Moderate

[ Inflammation TGLs = 1-8 ]

Liver

Left Lat Lobe

Developmental Malformation

[ Developmental Malformation TGLs = 2-3 ]

---



**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

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

---

**ANIMAL ID:** 242

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 25 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300242

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Not required by protocol.

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 291

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300291

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow  
Spinal Cord, Cervical  
\* Uterus

\* Ovary  
Spinal Cord, Lumbar

\* Peripheral Nerve  
Spinal Cord, Thoracic

\* Skeletal Muscle  
\* Spleen

---

Animal Note: Removal observations indicate posterior paralysis. Three sections of spinal cord (cervical, lumbar, thoracic) were processed per NTP SOW

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 292

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300292

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow  
Spinal Cord, Cervical  
\* Uterus

\* Ovary  
Spinal Cord, Lumbar

\* Peripheral Nerve  
Spinal Cord, Thoracic

\* Skeletal Muscle  
\* Spleen

---

Animal Note: Removal observations indicate partial posterior paralysis. Three sections of spinal cord (cervical, lumbar, thoracic) were processed per NTP SOW

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 301

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300301

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow

\* Ovary

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

\* Uterus

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 302

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300302

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow

\* Ovary

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

\* Uterus

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 311

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300311

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow

\* Ovary

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

\* Uterus

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 312

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300312

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow

\* Ovary

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

\* Uterus

---

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 321

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300321

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow  
Spinal Cord, Cervical  
\* Uterus

\* Ovary  
Spinal Cord, Lumbar

\* Peripheral Nerve  
Spinal Cord, Thoracic

\* Skeletal Muscle  
\* Spleen

---

Animal Note: Removal observations indicate partial posterior paralysis. Three sections of spinal cord (cervical, lumbar, thoracic) were processed per NTP SOW

---



**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Acrylamide  
**CAS Number:** 79-06-1

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

---

**ANIMAL ID:** 322

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300322

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow  
Spinal Cord, Cervical  
\* Uterus

\* Ovary  
Spinal Cord, Lumbar

\* Peripheral Nerve  
Spinal Cord, Thoracic

\* Skeletal Muscle  
\* Spleen

---

Animal Note: Removal observations indicate partial posterior paralysis. Three sections of spinal cord (cervical, lumbar, thoracic) were processed per NTP SOW

---

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 371

TRT#: 12

SEX: Female

DAY ON TEST: 102

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone, Femur            |
| * Brain, Brain Stem        | * Brain, Cerebellum       | * Brain, Cerebrum           | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Pancreas               |
| * Parathyroid Gland        | * Pituitary Gland         | * Salivary Glands           | * Skin                   |
| * Spinal Cord, Cervical    | * Spinal Cord, Thoracic   | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Tongue                    | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

OBSERVATIONS

- |                                      |   |                            |                  |
|--------------------------------------|---|----------------------------|------------------|
| * Bone Marrow                        | Erythroid Cell                            | Hyperplasia                | Mild             |
| Note: Mid shaft marrow not available |   |                            |                  |
| * Clitoral Gland                     |   | Inflammation               | Chronic, Minimal |
| * Kidney                             | Cortex                                    | Inflammation               | Chronic, Minimal |
| * Liver                              | Left Lat Lobe                             | Developmental Malformation |                  |
|                                      | [ Developmental Malformation TGLs = 2-3 ] |                            |                  |
| * Ovary                              | Corpus Luteum                             | Dysgenesis                 | Mild             |
| * Peripheral Nerve                   | Axon                                      | Degeneration               | Moderate         |
|                                      | Schwann Cell                              | Degeneration               | Moderate         |
| * Skeletal Muscle                    |   | Atrophy                    | Mild             |
| * Spinal Cord, Lumbar                | Axon                                      | Degeneration               | Minimal          |
| * Spleen                             |   | Congestion                 | Moderate         |
|                                      |   | Pigmentation               | Moderate         |
| * Urin Bladder                       |   |                            |                  |
| Note: TGL 1 - NCL                    |   |                            |                  |
| * Uterus                             |   | Anestrus                   |                  |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 372

TRT#: 12

SEX: Female

DAY ON TEST: 102

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spinal Cord, Cervical
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart	Myocardium	Inflammation	Focal, Minimal
* Liver	Left Lat Lobe	Developmental Malformation	
	[ Developmental Malformation TGLs = 2-3 ]		
* Nose	Goblet Cell	Hyperplasia	Mild
* Ovary	Corpus Luteum	Dysgenesis	Mild
* Peripheral Nerve	Axon	Degeneration	Moderate
	Schwann Cell	Degeneration	Moderate
* Skeletal Muscle		Atrophy	Mild
* Spinal Cord, Lumbar	Axon	Degeneration	Mild
* Spinal Cord, Thoracic	Axon	Degeneration	Minimal
* Spleen		Congestion	Moderate
		Pigmentation	Moderate
* Urin Bladder			
Note: TGL 1 - NCL			
* Uterus		Anestrus	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20313 - 01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Acrylamide  
**CAS Number:** 79-06-1

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

**ANIMAL ID:** 381

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 250 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300381

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spinal Cord, Cervical	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Tongue	* Trachea

**OBSERVATIONS**

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic, Mild
* Nose	Goblet Cell	Hyperplasia	Minimal
* Ovary	Corpus Luteum	Dysgenesis	Mild
* Peripheral Nerve	Axon	Degeneration	Moderate
	Schwann Cell	Degeneration	Moderate
* Skeletal Muscle		Atrophy	Mild
* Spinal Cord, Lumbar	Axon	Degeneration	Mild
* Spinal Cord, Thoracic	Axon	Degeneration	Minimal
* Spleen		Congestion	Moderate
		Pigmentation	Moderate
* Urinary Bladder		Dilatation	Minimal
[ Dilatation TGLs = 1-9 ]			
* Uterus		Anestrus	

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 382

TRT#: 12

SEX: Female

DAY ON TEST: 102

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spinal Cord, Cervical
* Spinal Cord, Thoracic	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic, Mild
* Harderian Gland		Inflammation	Chronic, Minimal
* Liver	Left Lat Lobe	Developmental Malformation	
[ Developmental Malformation	TGLs = 2-3 ]		
* Nose	Goblet Cell	Hyperplasia	Mild
* Ovary	Corpus Luteum	Dysgenesis	Marked
* Peripheral Nerve	Axon	Degeneration	Moderate
	Schwann Cell	Degeneration	Moderate
* Skeletal Muscle		Atrophy	Mild
* Spinal Cord, Lumbar	Axon	Degeneration	Minimal
* Spleen		Congestion	Moderate
		Pigmentation	Moderate
* Urinary Bladder		Dilatation	Mild
[ Dilatation TGLs = 1-9 ]			
* Uterus		Anestrus	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 391

TRT#: 12

SEX: Female

DAY ON TEST: 102

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone, Femur            |
| * Brain, Brain Stem        | * Brain, Cerebellum       | * Brain, Cerebrum           | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spinal Cord, Cervical   | * Spinal Cord, Thoracic     | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Tongue                 |
| * Trachea                  |                           |                             |                          |

OBSERVATIONS

- |                             |                |                           |               |
|-----------------------------|----------------|---------------------------|---------------|
| * Bone Marrow               | Erythroid Cell | Hyperplasia               | Mild          |
| * Clitoral Gland            |                | Inflammation              | Chronic, Mild |
| [ Inflammation TGLs = 1-8 ] |                |                           |               |
| * Nose                      | Goblet Cell    | Hyperplasia               | Mild          |
| * Ovary                     | Corpus Luteum  | Cyst                      |               |
|                             | Corpus Luteum  | Dysgenesis                | Mild          |
| * Peripheral Nerve          | Axon           | Degeneration              | Moderate      |
|                             | Schwann Cell   | Degeneration              | Moderate      |
| * Skeletal Muscle           |                | Atrophy                   | Mild          |
| * Spinal Cord, Lumbar       |                | Cyst Epithelial Inclusion |               |
|                             | Axon           | Degeneration              | Minimal       |
| * Spleen                    |                | Congestion                | Moderate      |
|                             |                | Pigmentation              | Moderate      |
| * Urinary Bladder           |                | Dilatation                | Mild          |
| [ Dilatation TGLs = 2-9 ]   |                |                           |               |
| * Uterus                    |                | Anestrus                  |               |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 392

TRT#: 12

SEX: Female

DAY ON TEST: 102

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Thoracic
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Tongue	* Trachea		

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Heart	Myocardium	Inflammation	Focal, Minimal
* Ovary	Corpus Luteum	Dysgenesis	Moderate
* Peripheral Nerve	Axon	Degeneration	Moderate
	Schwann Cell	Degeneration	Moderate
* Skeletal Muscle		Atrophy	Mild
* Spinal Cord, Lumbar	Axon	Degeneration	Mild
* Spleen		Congestion	Moderate
		Pigmentation	Moderate
* Urinary Bladder		Dilatation	Moderate
[ Dilatation TGLs = 1-9 ]			
* Uterus		Anestrus	

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 401

TRT#: 12

SEX: Female

DAY ON TEST: 102

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord, Cervical
* Spinal Cord, Thoracic	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Nose	Goblet Cell	Hyperplasia	Mild
* Ovary	Corpus Luteum	Dysgenesis	Moderate
* Peripheral Nerve	Axon	Degeneration	Moderate
	Schwann Cell	Degeneration	Moderate
* Spinal Cord, Lumbar	Axon	Degeneration	Moderate
* Spleen		Congestion	Mild
		Pigmentation	Mild
* Urinary Bladder		Dilatation	Moderate
	[ Dilatation TGLs = 1-9 ]		
* Uterus		Anestrus	



Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 402

TRT#: 12

SEX: Female

DAY ON TEST: 102

DOSE: 250 UG/ML

DISP: Terminal Sacrifice

HISTO: 021500300402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone, Femur            |
| * Brain, Brain Stem        | * Brain, Cerebellum       | * Brain, Cerebrum           | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Nose                     | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Salivary Glands          | * Skin                    | * Spinal Cord, Cervical     | * Spinal Cord, Thoracic  |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          |
| * Tongue                   | * Trachea                 |                             |                          |

OBSERVATIONS

- |                           |                |              |               |
|---------------------------|----------------|--------------|---------------|
| * Bone Marrow             | Erythroid Cell | Hyperplasia  | Mild          |
| * Clitoral Gland          |                | Inflammation | Chronic, Mild |
| * Ovary                   | Corpus Luteum  | Dysgenesis   | Mild          |
| * Peripheral Nerve        | Axon           | Degeneration | Moderate      |
|                           | Schwann Cell   | Degeneration | Moderate      |
| * Skeletal Muscle         |                | Atrophy      | Mild          |
| * Spinal Cord, Lumbar     | Axon           | Degeneration | Mild          |
| * Spleen                  |                | Congestion   | Mild          |
|                           |                | Pigmentation | Mild          |
| * Urinary Bladder         |                | Dilatation   | Moderate      |
| [ Dilatation TGLs = 1-9 ] |                |              |               |
| * Uterus                  |                | Anestrus     |               |

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 451

TRT#: 7

SEX: Female

DAY ON TEST: 102

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spinal Cord, Thoracic
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Moderate
* Harderian Gland		Inflammation	Chronic, Mild
* Heart	Myocardium	Inflammation	Focal, Minimal
* Kidney	Cortex	Mineralization	Moderate
* Liver		Necrosis	Focal, Mild
* Nose	Goblet Cell	Hyperplasia	Minimal
		Inflammation	Mild

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 452

TRT#: 7

SEX: Female

DAY ON TEST: 102

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spinal Cord, Thoracic	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Mild
* Kidney	Cortex	Mineralization	Mild
* Liver	Left Lat Lobe	Developmental Malformation	
[ Developmental Malformation	TGLs = 1-3 ]		

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 461

TRT#: 7

SEX: Female

DAY ON TEST: 102

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord, Cervical
* Spinal Cord, Lumbar	* Spinal Cord, Thoracic	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Tongue
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Moderate
* Heart	Myocardium	Inflammation	Focal, Minimal
* Kidney	Cortex	Mineralization	Moderate
* Liver	Left Lat Lobe	Developmental Malformation	
[ Developmental Malformation TGLs = 1-3 ]			

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 462

TRT#: 7

SEX: Female

DAY ON TEST: 102

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar
* Spinal Cord, Thoracic	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart	Myocardium	Inflammation	Focal, Minimal
* Kidney	Cortex	Mineralization	Moderate
* Nose	Goblet Cell	Hyperplasia	Minimal

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 471

TRT#: 7

SEX: Female

DAY ON TEST: 102

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300471

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar
* Spinal Cord, Thoracic	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Clitoral Gland		Inflammation	Chronic, Mild
* Heart	Myocardium	Inflammation	Focal, Minimal
* Kidney	Cortex	Mineralization	Moderate
* Liver		Granuloma	Mild
* Lung	Artery	Mineralization	Minimal

Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 472

TRT#: 7

SEX: Female

DAY ON TEST: 102

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord, Cervical
* Spinal Cord, Lumbar	* Spinal Cord, Thoracic	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Tongue
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Kidney	Cortex	Mineralization	Mild
* Liver		Necrosis	Focal, Minimal
* Nose	Goblet Cell	Hyperplasia	Mild

Experiment Number: 20313 - 01  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Acrylamide  
 CAS Number: 79-06-1

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

ANIMAL ID: 481

TRT#: 7

SEX: Female

DAY ON TEST: 102

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300481

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone Marrow            |
| * Bone, Femur              | * Brain, Brain Stem       | * Brain, Cerebellum         | * Brain, Cerebrum        |
| * Esophagus                | * Eye                     | * Harderian Gland           | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve          | * Pituitary Gland        |
| * Salivary Glands          | * Skeletal Muscle         | * Skin                      | * Spinal Cord, Cervical  |
| * Spinal Cord, Lumbar      | * Spinal Cord, Thoracic   | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Tongue                 |
| * Trachea                  | * Urinary Bladder         | * Uterus                    |                          |

**OBSERVATIONS**

- |                  |             |                |                  |
|------------------|-------------|----------------|------------------|
| * Clitoral Gland |             | Inflammation   | Chronic, Mild    |
| * Heart          | Artery      | Inflammation   | Moderate         |
| * Kidney         | Cortex      | Inflammation   | Chronic, Minimal |
|                  | Cortex      | Mineralization | Moderate         |
| * Nose           | Goblet Cell | Hyperplasia    | Minimal          |
|                  |             | Inflammation   | Mild             |

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20313 - 01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Acrylamide  
CAS Number: 79-06-1

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

ANIMAL ID: 482

TRT#: 7

SEX: Female

DAY ON TEST: 102

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021500300482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spinal Cord, Thoracic	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Moderate
* Esophagus			
Note: Esophagus present on slide 4			
* Heart	Myocardium	Inflammation	Focal, Minimal
* Kidney	Cortex	Mineralization	Moderate
* Uterus			
Note: Uterus dilated due to proestrus phase of cycle			

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