

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

<b>C Number:</b>	C20313
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 20313-01

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** Rat/F 344/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Acrylamide

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

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 10:33:49

**First Dose M/F:** NA / NA

**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 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

<b>ANIMAL ID:</b> 12	<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> 021500300012

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

---

**OBSERVATIONS**

* Testes	Germinal Epith	Degeneration	Minimal
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---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

<b>ANIMAL ID:</b> 22	<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> 021500300022

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

---

**OBSERVATIONS**

* Testes	Germinal Epith	Degeneration	Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

<b>ANIMAL ID:</b> 32	<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> 021500300032

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Epididymis

---

**OBSERVATIONS**

* Testes	Germinal Epith	Degeneration	Minimal
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---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

**ANIMAL ID:** 41

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300041

---

**OBSERVATIONS**

\* Epididymis

Exfoliated Germ Cell

Minimal

\* Testes

Germinal Epith

Degeneration

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

**ANIMAL ID:** 42

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300042

---

**OBSERVATIONS**

\* Epididymis

Exfoliated Germ Cell

Minimal

\* Testes

Germinal Epith

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE



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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE





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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

<b>ANIMAL ID:</b> 251	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 101
	<b>DOSE:</b> 100 UG/ML	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 021500300251

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Bone Marrow	* Peripheral Nerve	* Skeletal Muscle	* Spleen
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**OBSERVATIONS**

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

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

<b>ANIMAL ID:</b> 252	<b>TRT#:</b> 5 <b>DOSE:</b> 100 UG/ML	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 101 <b>HISTO:</b> 021500300252
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---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Bone Marrow	* Peripheral Nerve	* Skeletal Muscle	* Spleen
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---

**OBSERVATIONS**

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

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

<b>ANIMAL ID:</b> 262	<b>TRT#:</b> 5 <b>DOSE:</b> 100 UG/ML	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 101 <b>HISTO:</b> 021500300262
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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* Bone Marrow	* Peripheral Nerve	* Skeletal Muscle	* Spleen
---------------	--------------------	-------------------	----------

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**OBSERVATIONS**

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

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

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<b>ANIMAL ID:</b> 271	<b>TRT#:</b> 5 <b>DOSE:</b> 100 UG/ML	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 101 <b>HISTO:</b> 021500300271
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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* Bone Marrow	* Peripheral Nerve	* Skeletal Muscle	* Spleen
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**OBSERVATIONS**

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

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

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<b>ANIMAL ID:</b> 272	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 101
	<b>DOSE:</b> 100 UG/ML	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 021500300272

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Bone Marrow	* Peripheral Nerve	* Skeletal Muscle	* Spleen
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**OBSERVATIONS**

* Epididymis		Exfoliated Germ Cell	Minimal
Liver	Left Lat Lobe	Developmental Malformation	
	[ Developmental Malformation TGLS = 1-3 ]		
* Testes	Germinal Epith	Degeneration	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

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**NORMAL**

\* Bone Marrow

\* Peripheral Nerve

\* Skeletal Muscle

\* Spleen

---

**OBSERVATIONS**

\* Epididymis

Exfoliated Germ Cell

Minimal

\* Testes

Germinal Epith

Degeneration

Minimal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

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<b>ANIMAL ID:</b> 282	<b>TRT#:</b> 5 <b>DOSE:</b> 100 UG/ML	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 101 <b>HISTO:</b> 021500300282
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Bone Marrow	* Peripheral Nerve	* Skeletal Muscle	* Spleen
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**OBSERVATIONS**

* Epididymis		Exfoliated Germ Cell	Minimal
Preputial Gland		Inflammation	Chronic, Marked
[ Inflammation TGLS = 1-2A ]			
* Testes	Germinal Epith	Degeneration	Minimal

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**PRIMARY CAUSE OF DEATH**

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

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\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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	Globet 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 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

**ANIMAL ID:** 51

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300051

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

**ANIMAL ID:** 52

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300052

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

**ANIMAL ID:** 71

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 50 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300071

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE



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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]		

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

**ANIMAL ID:** 132

**TRT#:** 8  
**DOSE:** 10 UG/ML

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 102  
**HISTO:** 021500300132

---

**OBSERVATIONS**

Mesentery  
[ Necrosis TGLS = 1-17 ]

Fat

Necrosis

Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

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\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE



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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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
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[ Developmental Malformation TGLS = 1-3 ]

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]		

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 TGLS = 1-8 ]

Inflammation

Chronic, Moderate

Liver  
[ Developmental Malformation TGLS = 2-3 ]

Left Lat Lobe

Developmental Malformation

---

PRIMARY CAUSE OF DEATH

-

---



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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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**

PRIMARY CAUSE OF DEATH

-

---

Animal Note: Not required by protocol.

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

---

**ANIMAL ID:** 291

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 102

**DOSE:** 100 UG/ML

**DISP:** Terminal Sacrifice

**HISTO:** 021500300291

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Bone Marrow  
Spinal Cord, Cervical  
\* Uterus

\* Ovary  
Spinal Cord, Lumbar

\* Peripheral Nerve  
Spinal Cord, Thoracic

\* Skeletal Muscle  
\* Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

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

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

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

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

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

---

\* PROTOCOL REQUIRED TISSUE



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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

---

**PRIMARY CAUSE OF DEATH**

-

---

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

---

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 Note: Mid shaft marrow not available	Erythroid Cell	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Kidney	Cortex	Inflammation	Chronic, Minimal
* Liver [ Developmental Malformation TGLS = 2-3 ]	Left Lat Lobe	Developmental Malformation	
* 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	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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	Globet Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:33:49  
**First Dose M/F:** NA / NA  
**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			

**PRIMARY CAUSE OF DEATH**

-

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

\* PROTOCOL REQUIRED TISSUE