

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
Time Report Requested: 10:35:22
First Dose M/F: NA / NA
Lab: NCTR

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

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF ACRYLAMIDE

MALE RAT

Organ

Bone Marrow: Erythroid Cell
Epididymis

Liver: Left Lat Lobe
Lung: Artery
Lymph Node, Mesenteric
Peripheral Nerve: Axon
Peripheral Nerve: Schwann Cell
Skeletal Muscle
Spinal Cord, Lumbar: Axon
Spleen

Testes: Germinal Epith
Urinary Bladder

FEMALE RAT

Organ

Bone Marrow: Erythroid Cell
Clitoral Gland
Kidney: Cortex
Liver: Left Lat Lobe
Ovary: Corpus Luteum
Peripheral Nerve: Axon
Peripheral Nerve: Schwann Cell
Skeletal Muscle
Spinal Cord, Lumbar: Axon
Spleen

Urinary Bladder
Uterus

Morphology

Hyperplasia
Exfoliated Germ Cell
Hypospermia
Developmental Malformation
Mineralization
Hyperplasia Lymphoid
Degeneration
Degeneration
Atrophy
Degeneration
Congestion
Pigmentation
Degeneration
Dilatation

Morphology

Hyperplasia
Inflammation
Mineralization
Developmental Malformation
Dysgenesis
Degeneration
Degeneration
Atrophy
Degeneration
Congestion
Pigmentation
Dilatation
Anestrus

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF ACRYLAMIDE

Dilatation

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 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Bone Marrow: Erythroid Cell Hyperplasia						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Epididymis						
Exfoliated Germ Cell						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/8 (0%)	2/8 (25%)	8/8 (100%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/8.00	2/8.00	8/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	25%	100%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/8 (0%)	2/8 (25%)	8/8 (100%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	101(T)	101(T)	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	P=0.223	P=NA	P=NA
POLY 1.5	(e)	(e)	(e)	P=0.223	P=NA	P=NA
POLY 6	(e)	(e)	(e)	P=0.223	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.233	P=0.000**	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.063	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Epididymis						
Hypospermia						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/8 (0%)	0/8 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/8.00	0/8.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/8 (0%)	0/8 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Harderian Gland						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.340	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 Lab: NCTR

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 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Heart: Artery						
Inflammation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Heart: Myocardium						
Inflammation Focal						
LESION RATES						
OVERALL(a)	6/8 (75%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/8 (62%)
POLY-3 RATE (b)	6/8.00	0/0.00	0/0.00	0/0.00	0/0.00	5/8.00
POLY-3 PERCENT (g)	75%	0%	0%	0%	0%	62.5%
TERMINAL (d)	6/8 (75%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/8 (62%)
FIRST INCIDENCE	101(T)	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.415N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.305N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Intestine Small, Jejunum						
Inflammation Acute						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	101(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.340N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Kidney						
Hydronephrosis						
LESION RATES						
OVERALL(a)	2/8 (25%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	2/8.00	0/0.00	0/0.00	1/1.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	25%	0%	0%	100%	0%	0%
TERMINAL (d)	2/8 (25%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	101(T)	---	---	101(T)	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	P=0.351	(e)	P=0.223N
POLY 1.5	(e)	(e)	(e)	P=0.351	(e)	P=0.223N
POLY 6	(e)	(e)	(e)	P=0.351	(e)	P=0.223N
COCH-ARM / FISHERS	P=0.109N	(e)	(e)	P=0.333	(e)	P=0.233N
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.127	(e)	P=0.063N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-01
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 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Kidney: Cortex						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/1.00	0/0.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.324	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Kidney: Cortex						
Mineralization						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/1.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Liver						
Granuloma						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/1.00	0/0.00	0/1.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-01
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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Liver						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/1.00	0/0.00	0/1.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.313	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Liver						
Necrosis Focal						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/0.00	0/1.00	0/0.00	0/1.00	0/8.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/8 (12%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
FIRST INCIDENCE	101(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.878N	(e)	P=0.878N	P=0.500N
POLY 1.5	(e)	(e)	P=0.878N	(e)	P=0.878N	P=0.500N
POLY 6	(e)	(e)	P=0.878N	(e)	P=0.878N	P=0.500N
COCH-ARM / FISHERS	P=0.356N	(e)	P=0.889N	(e)	P=0.889N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	P=0.401N	(e)	P=0.401N	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Liver: Left Lat Lobe						
Developmental Malformation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/0.00	1/1.00	0/0.00	1/1.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	100%	0%	100%	12.5%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	1/8 (12%)
FIRST INCIDENCE	---	---	101(T)	---	101(T)	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.111	(e)	P=0.111	P=0.500
POLY 1.5	(e)	(e)	P=0.111	(e)	P=0.111	P=0.500
POLY 6	(e)	(e)	P=0.111	(e)	P=0.111	P=0.500
COCH-ARM / FISHERS	P=0.612	(e)	P=0.111	(e)	P=0.111	P=0.500
MAX-ISO-POLY-3	(e)	(e)	P=0.000**	(e)	P=0.000**	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Lung: Artery						
Mineralization						
LESION RATES						
OVERALL(a)	3/8 (38%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	3/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	37.5%	0%	0%	0%	0%	0%
TERMINAL (d)	3/8 (38%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	101(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.086N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.086N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.086N
COCH-ARM / FISHERS	P=0.062N	(e)	(e)	(e)	(e)	P=0.100N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.021N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Lymph Node, Mesenteric Hyperplasia Lymphoid						
LESION RATES						
OVERALL(a)	3/8 (38%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	3/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	37.5%	0%	0%	0%	0%	0%
TERMINAL (d)	3/8 (38%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	101(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.086N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.086N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.086N
COCH-ARM / FISHERS	P=0.062N	(e)	(e)	(e)	(e)	P=0.100N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.021N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Mesentery: Fat						
Necrosis						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	
INT SACRIFICE 2						(n)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	(n)
FIRST INCIDENCE	---	---	---	---	---	(n)
HC TUMORS SAME ROUTE						(n)
HC TUMORS ALL ROUTES						(n)
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	
POLY 1.5	(n)	(n)	(n)	(n)	(n)	
POLY 6	(n)	(n)	(n)	(n)	(n)	
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	P=2384
HISTCONT SAME RTE	P=20313-01					
HISTCONT ALL RTEs	P=Mesentery: Fat					
CURR VS HC SAME RTE	P=Necrosis					
CURR VS HC ALL RTEs	P=YES					

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Nose						
Inflammation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Nose: Goblet Cell Hyperplasia						
LESION RATES						
OVERALL(a)	4/8 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/8 (62%)
POLY-3 RATE (b)	4/8.00	0/0.00	0/0.00	0/0.00	0/0.00	5/8.00
POLY-3 PERCENT (g)	50%	0%	0%	0%	0%	62.5%
TERMINAL (d)	4/8 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/8 (62%)
FIRST INCIDENCE	101(T)	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.420	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.317
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Peripheral Nerve: Axon Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Peripheral Nerve: Schwann Cell Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Pituitary Gland: Pars Distalis						
Cyst						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.340	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Preputial Gland Inflammation						
LESION RATES						
OVERALL(a)	3/8 (38%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/1 (0%)	4/8 (50%)
POLY-3 RATE (b)	3/8.00	0/0.00	1/1.00	0/0.00	0/1.00	4/8.00
POLY-3 PERCENT (g)	37.5%	0%	100%	0%	0%	50%
TERMINAL (d)	3/8 (38%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/1 (0%)	4/8 (50%)
FIRST INCIDENCE	101(T)	---	101(T)	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.455	(e)	P=0.634N	P=0.500
POLY 1.5	(e)	(e)	P=0.455	(e)	P=0.634N	P=0.500
POLY 6	(e)	(e)	P=0.455	(e)	P=0.634N	P=0.500
COCH-ARM / FISHERS	P=0.491	(e)	P=0.444	(e)	P=0.667N	P=0.500
MAX-ISO-POLY-3	(e)	(e)	P=0.197	(e)	P=0.304N	P=0.317
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Preputial Gland						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	4/8 (50%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	1/1 (100%)	2/8 (25%)
POLY-3 RATE (b)	4/8.00	0/0.00	0/1.00	0/0.00	1/1.00	2/8.00
POLY-3 PERCENT (g)	50%	0%	0%	0%	100%	25%
TERMINAL (d)	4/8 (50%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	1/1 (100%)	2/8 (25%)
FIRST INCIDENCE	101(T)	---	---	---	101(T)	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.544N	(e)	P=0.544	P=0.309N
POLY 1.5	(e)	(e)	P=0.544N	(e)	P=0.544	P=0.309N
POLY 6	(e)	(e)	P=0.544N	(e)	P=0.544	P=0.309N
COCH-ARM / FISHERS	P=0.271N	(e)	P=0.556N	(e)	P=0.556	P=0.304N
MAX-ISO-POLY-3	(e)	(e)	P=0.254N	(e)	P=0.254	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Prostate Inflammation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	2/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	25%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.223
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.223
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.223
COCH-ARM / FISHERS	P=0.145	(e)	(e)	(e)	(e)	P=0.233
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.063
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Prostate						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	2/8 (25%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	2/8.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.00
POLY-3 PERCENT (g)	25%	0%	0%	0%	0%	12.5%
TERMINAL (d)	2/8 (25%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
FIRST INCIDENCE	101(T)	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.399N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.272N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Seminal Vesicle						
Decreased Secretory Fluid						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	101(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.340N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Seminal Vesicle Dilatation						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	101(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.340N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Skeletal Muscle						
Atrophy						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	6/8 (75%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	6/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	75%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	6/8 (75%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.003**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Spinal Cord, Lumbar						
Cyst Epithelial Inclusion						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Spinal Cord, Lumbar: Axon Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Spinal Cord, Thoracic: Axon Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Spleen						
Congestion						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	7/8 (88%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	7/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	87.5%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	7/8 (88%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Spleen Pigmentation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Testes: Germinal Epith Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/8 (0%)	5/8 (62%)	8/8 (100%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/8.00	5/8.00	8/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	62.5%	100%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/8 (0%)	5/8 (62%)	8/8 (100%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	101(T)	101(T)	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	P=0.003**	P=NA	P=NA
POLY 1.5	(e)	(e)	(e)	P=0.003**	P=NA	P=NA
POLY 6	(e)	(e)	(e)	P=0.003**	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.013*	P=0.000**	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Thymus						
Hemorrhage						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	101(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.340N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Thyroid Gland						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.340	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Urinary Bladder Dilatation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Bone Marrow: Erythroid Cell Hyperplasia						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Clitoral Gland Inflammation						
LESION RATES						
OVERALL(a)	3/8 (38%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	3/8.00	0/0.00	0/1.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	37.5%	0%	0%	0%	0%	0%
TERMINAL (d)	3/8 (38%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	102(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.634N	(e)	(e)	P=0.086N
POLY 1.5	(e)	(e)	P=0.634N	(e)	(e)	P=0.086N
POLY 6	(e)	(e)	P=0.634N	(e)	(e)	P=0.086N
COCH-ARM / FISHERS	P=0.073N	(e)	P=0.667N	(e)	(e)	P=0.100N
MAX-ISO-POLY-3	(e)	(e)	P=0.304N	(e)	(e)	P=0.021N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Clitoral Gland						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	5/8 (62%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	6/8 (75%)
POLY-3 RATE (b)	5/8.00	0/0.00	1/1.00	0/0.00	0/0.00	6/8.00
POLY-3 PERCENT (g)	62.5%	0%	100%	0%	0%	75%
TERMINAL (d)	5/8 (62%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	6/8 (75%)
FIRST INCIDENCE	102(T)	---	102(T)	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.634	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	P=0.634	(e)	(e)	P=0.500
POLY 6	(e)	(e)	P=0.634	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.465	(e)	P=0.667	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	P=0.304	(e)	(e)	P=0.305
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Harderian Gland						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	2/8 (25%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	2/8.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.00
POLY-3 PERCENT (g)	25%	0%	0%	0%	0%	12.5%
TERMINAL (d)	2/8 (25%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
FIRST INCIDENCE	102(T)	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.399N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.272N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Heart: Artery Inflammation						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	102(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.340N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Heart: Myocardium						
Inflammation Focal						
LESION RATES						
OVERALL(a)	5/8 (62%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)
POLY-3 RATE (b)	5/8.00	0/0.00	0/0.00	0/0.00	0/0.00	2/8.00
POLY-3 PERCENT (g)	62.5%	0%	0%	0%	0%	25%
TERMINAL (d)	5/8 (62%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)
FIRST INCIDENCE	102(T)	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.154N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.154N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.154N
COCH-ARM / FISHERS	P=0.113N	(e)	(e)	(e)	(e)	P=0.157N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.063N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Intestine Small, Jejunum						
Inflammation Acute						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Kidney						
Hydronephrosis						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Kidney: Cortex						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	1/8.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	12.5%
TERMINAL (d)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
FIRST INCIDENCE	102(T)	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.760
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.760
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.760
COCH-ARM / FISHERS	P=0.675	(e)	(e)	(e)	(e)	P=0.767N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=1.000
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Kidney: Cortex						
Mineralization						
LESION RATES						
OVERALL(a)	8/8 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	8/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	0%	0%
TERMINAL (d)	8/8 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	102(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000N**	(e)	(e)	(e)	(e)	P=0.000N**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Liver						
Granuloma						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/1 (0%)	0/3 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/1.00	0/3.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/8 (12%)	0/1 (0%)	0/3 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	102(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.878N	P=0.689N	(e)	(e)	P=0.500N
POLY 1.5	(e)	P=0.878N	P=0.689N	(e)	(e)	P=0.500N
POLY 6	(e)	P=0.878N	P=0.689N	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.401N	P=0.889N	P=0.727N	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.401N	P=0.312N	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Liver						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/3 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/1.00	0/3.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/1 (0%)	0/3 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Liver						
Necrosis Focal						
LESION RATES						
OVERALL(a)	2/8 (25%)	0/1 (0%)	0/3 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	2/8.00	0/1.00	0/3.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	25%	0%	0%	0%	0%	0%
TERMINAL (d)	2/8 (25%)	0/1 (0%)	0/3 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	102(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.738N	P=0.470N	(e)	(e)	P=0.223N
POLY 1.5	(e)	P=0.738N	P=0.470N	(e)	(e)	P=0.223N
POLY 6	(e)	P=0.738N	P=0.470N	(e)	(e)	P=0.223N
COCH-ARM / FISHERS	P=0.202N	P=0.778N	P=0.509N	(e)	(e)	P=0.233N
MAX-ISO-POLY-3	(e)	P=0.351N	P=0.227N	(e)	(e)	P=0.063N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Liver: Left Lat Lobe						
Developmental Malformation						
LESION RATES						
OVERALL(a)	2/8 (25%)	1/1 (100%)	3/3 (100%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
POLY-3 RATE (b)	2/8.00	1/1.00	3/3.00	0/0.00	0/0.00	3/8.00
POLY-3 PERCENT (g)	25%	100%	100%	0%	0%	37.5%
TERMINAL (d)	2/8 (25%)	1/1 (100%)	3/3 (100%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
FIRST INCIDENCE	102(T)	102(T)	102(T)	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.351	P=0.030*	(e)	(e)	P=0.500
POLY 1.5	(e)	P=0.351	P=0.030*	(e)	(e)	P=0.500
POLY 6	(e)	P=0.351	P=0.030*	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.458N	P=0.333	P=0.061	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	P=0.127	P=0.012*	(e)	(e)	P=0.305
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Lung: Artery						
Mineralization						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	102(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.340N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Lymph Node, Mesenteric Hyperplasia Lymphoid						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Mesentery: Fat						
Necrosis						
LESION RATES						
OVERALL(a)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	1/1.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	102(T)	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Nose						
Inflammation						
LESION RATES						
OVERALL(a)	2/8 (25%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	2/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	25%	0%	0%	0%	0%	0%
TERMINAL (d)	2/8 (25%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	102(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.223N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.223N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.223N
COCH-ARM / FISHERS	P=0.145N	(e)	(e)	(e)	(e)	P=0.233N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.063N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Nose: Goblet Cell Hyperplasia						
LESION RATES						
OVERALL(a)	4/8 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/8 (62%)
POLY-3 RATE (b)	4/8.00	0/0.00	0/0.00	0/0.00	0/0.00	5/8.00
POLY-3 PERCENT (g)	50%	0%	0%	0%	0%	62.5%
TERMINAL (d)	4/8 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/8 (62%)
FIRST INCIDENCE	102(T)	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.420	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.317
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Ovary: Corpus Luteum Cyst						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.281	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Ovary: Corpus Luteum						
Dysgenesis						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Peripheral Nerve: Axon Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Peripheral Nerve: Schwann Cell Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Pituitary Gland: Pars Distalis						
Cyst						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Skeletal Muscle						
Atrophy						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	7/8 (88%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	7/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	87.5%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	7/8 (88%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Spinal Cord, Lumbar						
Cyst Epithelial Inclusion						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/4 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/4.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/4 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.308	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Spinal Cord, Lumbar: Axon Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/4 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/4.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/4 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Spinal Cord, Thoracic: Axon Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/4 (0%)	2/8 (25%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/4.00	2/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	25%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/4 (0%)	2/8 (25%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.223
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.223
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.223
COCH-ARM / FISHERS	P=0.110	(e)	(e)	(e)	(e)	P=0.233
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.063
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Spleen						
Congestion						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Spleen						
Pigmentation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Thymus						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Thyroid Gland						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Urinary Bladder Dilatation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/8 (75%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	6/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	75%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/8 (75%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.003**	(e)	(e)	(e)	(e)	P=0.003**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Uterus						
Anestrus						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/1.00	0/0.00	0/1.00	0/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/8 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
 Time Report Requested: 10:35:22
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Uterus						
Dilatation						
LESION RATES						
OVERALL(a)	0/8 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	0/8 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	1/1.00	0/0.00	1/1.00	0/8.00	0/8.00
POLY-3 PERCENT (g)	0%	100%	0%	100%	0%	0%
TERMINAL (d)	0/8 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	0/8 (0%)	0/8 (0%)
FIRST INCIDENCE	---	102(T)	---	102(T)	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.111	(e)	P=0.111	(e)	(e)
POLY 1.5	(e)	P=0.111	(e)	P=0.111	(e)	(e)
POLY 6	(e)	P=0.111	(e)	P=0.111	(e)	(e)
COCH-ARM / FISHERS	P=0.269N	P=0.111	(e)	P=0.111	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.000**	(e)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/23/2014
Time Report Requested: 10:35:22
First Dose M/F: NA / NA
Lab: NCTR

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (e) Value of statistic cannot be computed.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (n) No statistics are calculated if all dose groups have fewer than two tumors.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

**** END OF REPORT ****