

Experiment Number: 20313-03
Test Type: 90-DAY
Route: DOSED FEED
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: 09:17:24
First Dose M/F: NA / NA
Lab: NCTR

C Number:	C20313B
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

Epididymis

Liver

Liver: Left Lat Lobe

Lung: Alveolus

Peripheral Nerve: Axon

Peripheral Nerve: Schwann Cell

Preputial Gland

Skeletal Muscle

Testes: Germinal Epith

FEMALE RAT

Organ

Liver

Liver: Left Lat Lobe

Ovary

Peripheral Nerve: Axon

Peripheral Nerve: Schwann Cell

Skeletal Muscle

Urinary Bladder

Uterus

Morphology

Exfoliated Germ Cell

Hypospermia

Tension Lipidosis

Developmental Malformation

Hemorrhage

Degeneration

Degeneration

Inflammation

Inflammation Chronic

Atrophy

Degeneration

Morphology

Hepatodiaphragmatic Nodule

Developmental Malformation

Cyst

Degeneration

Degeneration

Atrophy

Dilatation

Dilatation

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

DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Adrenal Cortex						
Vacuolization Cytoplasmic						
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	101(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						

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DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Bone Marrow						
Atrophy Focal						
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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 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Epididymis						
Exfoliated Germ Cell						
LESION RATES						
OVERALL(a)	0/8 (0%)	1/8 (12%)	0/8 (0%)	3/8 (38%)	8/8 (100%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	1/8.00	0/8.00	3/8.00	8/8.00	8/8.00
POLY-3 PERCENT (g)	0%	12.5%	0%	37.5%	100%	100%
TERMINAL (d)	0/8 (0%)	1/8 (12%)	0/8 (0%)	3/8 (38%)	8/8 (100%)	8/8 (100%)
FIRST INCIDENCE	---	101(T)	---	101(T)	101(T)	101(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.500	(e)	P=0.086	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.500	(e)	P=0.086	P=NA	P=NA
POLY 6	P=0.000**	P=0.500	(e)	P=0.086	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	P=0.500	(e)	P=0.100	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.159	(e)	P=0.021*	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Epididymis						
Hypospermia						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/8 (0%)	0/8 (0%)	0/8 (0%)	0/8 (0%)	4/8 (50%)
POLY-3 RATE (b)	0/8.00	0/8.00	0/8.00	0/8.00	0/8.00	4/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	50%
TERMINAL (d)	0/8 (0%)	0/8 (0%)	0/8 (0%)	0/8 (0%)	0/8 (0%)	4/8 (50%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.024*
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.024*
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.024*
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.038*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.004**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Eye: Retina						
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						

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

DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Harderian Gland						
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	101(T)	---	---	---	---	101(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						

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 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Heart: Myocardium						
Inflammation Focal						
LESION RATES						
OVERALL(a)	3/8 (38%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)
POLY-3 RATE (b)	3/8.00	0/0.00	0/0.00	0/0.00	0/0.00	2/8.00
POLY-3 PERCENT (g)	37.5%	0%	0%	0%	0%	25%
TERMINAL (d)	3/8 (38%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)
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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 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Kidney: Cortex						
Mineralization						
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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 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Kidney: Renal Tubule Hyperplasia						
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						

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 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/1.00	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%)	0/1 (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=0.295	(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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 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Liver						
Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/1.00	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%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
FIRST INCIDENCE	101(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.878N	P=0.878N	(e)	P=0.878N	P=0.500N
POLY 1.5	(e)	P=0.878N	P=0.878N	(e)	P=0.878N	P=0.500N
POLY 6	(e)	P=0.878N	P=0.878N	(e)	P=0.878N	P=0.500N
COCH-ARM / FISHERS	P=0.374N	P=0.889N	P=0.889N	(e)	P=0.889N	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.401N	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						

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DOSE	MALE					
	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Liver						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/1.00	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%)	0/1 (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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Liver						
Necrosis Focal						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	2/8 (25%)
POLY-3 RATE (b)	0/8.00	0/1.00	0/1.00	0/0.00	0/1.00	2/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	25%
TERMINAL (d)	0/8 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/1 (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=0.105	(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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Liver						
Tension Lipidosis						
LESION RATES						
OVERALL(a)	0/8 (0%)	1/1 (100%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	1/1.00	0/1.00	0/0.00	0/1.00	0/8.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	1/1 (100%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
FIRST INCIDENCE	---	101(T)	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.111	(e)	(e)	(e)	(e)
POLY 1.5	(e)	P=0.111	(e)	(e)	(e)	(e)
POLY 6	(e)	P=0.111	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.407N	P=0.111	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.000**	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Liver						
Vacuolization Cytoplasmic						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/1.00	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%)	0/1 (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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Liver: Left Lat Lobe						
Developmental Malformation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/1.00	1/1.00	0/0.00	1/1.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	100%	0%	100%	0%
TERMINAL (d)	0/8 (0%)	0/1 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	0/8 (0%)
FIRST INCIDENCE	---	---	101(T)	---	101(T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.111	(e)	P=0.111	(e)
POLY 1.5	(e)	(e)	P=0.111	(e)	P=0.111	(e)
POLY 6	(e)	(e)	P=0.111	(e)	P=0.111	(e)
COCH-ARM / FISHERS	P=0.438N	(e)	P=0.111	(e)	P=0.111	(e)
MAX-ISO-POLY-3	(e)	(e)	P=0.000**	(e)	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Lung: Alveolus Hemorrhage						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	3/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	37.5%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
FIRST INCIDENCE	---	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.086
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.086
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.086
COCH-ARM / FISHERS	P=0.062	(e)	(e)	(e)	(e)	P=0.100
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.021*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Lung: Alveolus						
Inflammation Focal						
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Mesentery: Fat						
Necrosis						
LESION RATES						
OVERALL(a)	0/0 (0%)	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	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Pituitary Gland: Pars Distalis						
Cyst						
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Preputial Gland Inflammation						
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Preputial Gland						
Inflammation Chronic						
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	---	---	---	---	---	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=0.003**	(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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Prostate						
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Skeletal Muscle						
Atrophy						
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Spinal Cord, Lumbar: 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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:24
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Spleen						
Pigmentation						
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Testes: Germinal Epith Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	2/8 (25%)	2/8 (25%)	4/8 (50%)	7/8 (88%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	2/8.00	2/8.00	4/8.00	7/8.00	8/8.00
POLY-3 PERCENT (g)	0%	25%	25%	50%	87.5%	100%
TERMINAL (d)	0/8 (0%)	2/8 (25%)	2/8 (25%)	4/8 (50%)	7/8 (88%)	8/8 (100%)
FIRST INCIDENCE	---	101(T)	101(T)	101(T)	101(T)	101(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.223	P=0.223	P=0.024*	P=0.000**	P=NA
POLY 1.5	P=0.000**	P=0.223	P=0.223	P=0.024*	P=0.000**	P=NA
POLY 6	P=0.000**	P=0.223	P=0.223	P=0.024*	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	P=0.233	P=0.233	P=0.038*	P<0.001**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.063	P=0.063	P=0.004**	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Urinary Bladder Dilatation						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
POLY-3 RATE (b)	1/8.00	0/0.00	0/0.00	0/0.00	0/0.00	3/8.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	37.5%
TERMINAL (d)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
FIRST INCIDENCE	101(T)	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.286
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.286
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.286
COCH-ARM / FISHERS	P=0.209	(e)	(e)	(e)	(e)	P=0.285
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.131
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Adrenal Cortex						
Vacuolization Cytoplasmic						
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Bone Marrow						
Atrophy Focal						
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	---	---	---	---	---	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=0.340	(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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Clitoral Gland Inflammation						
LESION RATES						
OVERALL(a)	2/8 (25%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)
POLY-3 RATE (b)	2/8.00	0/0.00	0/0.00	0/0.00	0/0.00	2/8.00
POLY-3 PERCENT (g)	25%	0%	0%	0%	0%	25%
TERMINAL (d)	2/8 (25%)	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=0.705
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.705
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.705
COCH-ARM / FISHERS	P=0.635	(e)	(e)	(e)	(e)	P=0.715N
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Clitoral Gland						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	5/8 (62%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
POLY-3 RATE (b)	5/8.00	0/0.00	0/0.00	0/0.00	0/0.00	3/8.00
POLY-3 PERCENT (g)	62.5%	0%	0%	0%	0%	37.5%
TERMINAL (d)	5/8 (62%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
FIRST INCIDENCE	102(T)	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.315N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.315N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.315N
COCH-ARM / FISHERS	P=0.242N	(e)	(e)	(e)	(e)	P=0.310N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.168N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Eye: Retina						
Degeneration						
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	---	---	---	---	---	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=0.340	(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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
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	---	---	---	---	---	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=0.340	(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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Heart: Myocardium						
Inflammation Focal						
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	---	---	---	---	---	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=0.340	(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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Kidney: Cortex						
Mineralization						
LESION RATES						
OVERALL(a)	8/8 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/8 (100%)
POLY-3 RATE (b)	8/8.00	0/0.00	0/0.00	0/0.00	0/0.00	8/8.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	0%	100%
TERMINAL (d)	8/8 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/8 (100%)
FIRST INCIDENCE	102(T)	---	---	---	---	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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Kidney: Renal Tubule						
Hyperplasia						
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL(a)	0/8 (0%)	1/1 (100%)	0/2 (0%)	0/1 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	1/1.00	0/2.00	0/1.00	0/1.00	0/8.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	1/1 (100%)	0/2 (0%)	0/1 (0%)	0/1 (0%)	0/8 (0%)
FIRST INCIDENCE	---	102(T)	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.429N	P=0.111	(e)	(e)	(e)	(e)
POLY 1.5	P=0.429N	P=0.111	(e)	(e)	(e)	(e)
POLY 6	P=0.429N	P=0.111	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.429N	P=0.111	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.000**	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Liver						
Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/1.00	0/2.00	0/1.00	0/1.00	0/8.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/8 (12%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/1 (0%)	0/8 (0%)
FIRST INCIDENCE	102(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.407N	P=0.878N	P=0.763N	P=0.878N	P=0.878N	P=0.500N
POLY 1.5	P=0.407N	P=0.878N	P=0.763N	P=0.878N	P=0.878N	P=0.500N
POLY 6	P=0.407N	P=0.878N	P=0.763N	P=0.878N	P=0.878N	P=0.500N
COCH-ARM / FISHERS	P=0.394N	P=0.889N	P=0.800N	P=0.889N	P=0.889N	P=0.500N
MAX-ISO-POLY-3	P=0.276N	P=0.401N	P=0.353N	P=0.401N	P=0.401N	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Liver						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/1 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/1.00	0/2.00	0/1.00	0/1.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/8 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/1 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	P=0.293	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.293	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.293	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.268	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.276	(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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Liver						
Necrosis Focal						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/1.00	0/2.00	0/1.00	0/1.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/1 (0%)	0/2 (0%)	0/1 (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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Liver						
Tension Lipidosis						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/1.00	0/2.00	0/1.00	0/1.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/1 (0%)	0/2 (0%)	0/1 (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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Liver						
Vacuolization Cytoplasmic						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/1 (0%)	2/8 (25%)
POLY-3 RATE (b)	0/8.00	0/1.00	0/2.00	0/1.00	0/1.00	2/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	25%
TERMINAL (d)	0/8 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/1 (0%)	2/8 (25%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	P=0.100	(e)	(e)	(e)	(e)	P=0.223
POLY 1.5	P=0.100	(e)	(e)	(e)	(e)	P=0.223
POLY 6	P=0.100	(e)	(e)	(e)	(e)	P=0.223
COCH-ARM / FISHERS	P=0.084	(e)	(e)	(e)	(e)	P=0.233
MAX-ISO-POLY-3	P=0.103	(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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Liver: Left Lat Lobe						
Developmental Malformation						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/1 (0%)	2/2 (100%)	1/1 (100%)	1/1 (100%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/1.00	2/2.00	1/1.00	1/1.00	0/8.00
POLY-3 PERCENT (g)	12.5%	0%	100%	100%	100%	0%
TERMINAL (d)	1/8 (12%)	0/1 (0%)	2/2 (100%)	1/1 (100%)	1/1 (100%)	0/8 (0%)
FIRST INCIDENCE	102(T)	---	102(T)	102(T)	102(T)	---
STATISTICAL TESTS						
POLY 3	P=0.025N*	P=0.878N	P=0.016*	P=0.202	P=0.202	P=0.500N
POLY 1.5	P=0.025N*	P=0.878N	P=0.016*	P=0.202	P=0.202	P=0.500N
POLY 6	P=0.025N*	P=0.878N	P=0.016*	P=0.202	P=0.202	P=0.500N
COCH-ARM / FISHERS	P=0.133N	P=0.889N	P=0.067	P=0.222	P=0.222	P=0.500N
MAX-ISO-POLY-3	P=0.001N**	P=0.401N	P=0.004**	P=0.040*	P=0.040*	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Lung: Alveolus Hemorrhage						
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	---	---	---	---	---	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=0.145	(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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Lung: Alveolus						
Inflammation Focal						
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Mesentery: Fat						
Necrosis						
LESION RATES						
OVERALL(a)	0/0 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	1/1.00	0/0.00	1/1.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	0%	100%	0%	0%
TERMINAL (d)	0/0 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	102(T)	---	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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Ovary Cyst						
LESION RATES						
OVERALL(a)	0/8 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	3/8 (38%)
POLY-3 RATE (b)	0/8.00	1/1.00	0/0.00	0/0.00	1/1.00	3/8.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	100%	37.5%
TERMINAL (d)	0/8 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	3/8 (38%)
FIRST INCIDENCE	---	102(T)	---	---	102(T)	102(T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.111	(e)	(e)	P=0.111	P=0.086
POLY 1.5	(e)	P=0.111	(e)	(e)	P=0.111	P=0.086
POLY 6	(e)	P=0.111	(e)	(e)	P=0.111	P=0.086
COCH-ARM / FISHERS	P=0.193	P=0.111	(e)	(e)	P=0.111	P=0.100
MAX-ISO-POLY-3	(e)	P=0.000**	(e)	(e)	P=0.000**	P=0.021*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Peripheral Nerve: Axon Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	2/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	25%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	102(T)	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.223	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	P=0.223	P=NA
POLY 6	(e)	(e)	(e)	(e)	P=0.223	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.233	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.063	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Peripheral Nerve: Schwann Cell Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	2/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	25%	100%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	---	102(T)	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.223	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	P=0.223	P=NA
POLY 6	(e)	(e)	(e)	(e)	P=0.223	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.233	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.063	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Spinal Cord, Lumbar: Axon Degeneration						
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	---	---	---	---	---	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=0.340	(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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Spleen						
Pigmentation						
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
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: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Urinary Bladder Dilatation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/7 (43%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	3/7.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	42.9%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/7 (43%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.058
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.058
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.058
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	(e)	(e)	P=0.077
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.014*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
 Test Type: 90-DAY
 Route: DOSED FEED
 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: 09:17:25
 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 Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Uterus						
Dilatation						
LESION RATES						
OVERALL(a)	1/8 (12%)	1/2 (50%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	2/8 (25%)
POLY-3 RATE (b)	1/8.00	1/2.00	0/0.00	1/1.00	0/0.00	2/8.00
POLY-3 PERCENT (g)	12.5%	50%	0%	100%	0%	25%
TERMINAL (d)	1/8 (12%)	1/2 (50%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	2/8 (25%)
FIRST INCIDENCE	102(T)	102(T)	---	102(T)	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.424	(e)	P=0.202	(e)	P=0.500
POLY 1.5	(e)	P=0.424	(e)	P=0.202	(e)	P=0.500
POLY 6	(e)	P=0.424	(e)	P=0.202	(e)	P=0.500
COCH-ARM / FISHERS	P=0.602	P=0.378	(e)	P=0.222	(e)	P=0.500
MAX-ISO-POLY-3	(e)	P=0.183	(e)	P=0.040*	(e)	P=0.272
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20313-03
Test Type: 90-DAY
Route: DOSED FEED
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: 09:17:25
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 ****