

Experiment Number: 20314-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
Time Report Requested: 14:18:19
First Dose M/F: NA / NA
Lab: NCTR

C Number:	C20314
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 GLYCIDAMIDE

MALE RAT

Organ

Epididymis

Liver

Liver: Left Lat Lobe

Preputial Gland

Spleen

Testes: Germinal Epith

FEMALE RAT

Organ

Kidney: Cortex

Liver

Liver: Left Lat Lobe

Lung

Ovary

Spinal Cord, Lumbar: Axon

Uterus

Morphology

Exfoliated Germ Cell

Hypospermia

Hepatodiaphragmatic Nodule

Developmental Malformation

Inflammation

Developmental Malformation

Degeneration

Morphology

Mineralization

Hepatodiaphragmatic Nodule

Developmental Malformation

Hemorrhage

Cyst

Degeneration

Dilatation

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

DOSE	MALE					
	CONTROL	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Epididymis						
Exfoliated Germ Cell						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/8 (0%)	3/8 (38%)	8/8 (100%)	8/8 (100%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/8.00	3/8.00	8/8.00	8/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	37.5%	100%	100%	100%
TERMINAL (d)	0/8 (0%)	0/8 (0%)	3/8 (38%)	8/8 (100%)	8/8 (100%)	8/8 (100%)
FIRST INCIDENCE	---	---	101(T)	101(T)	101(T)	101(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	P=0.086	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	P=0.086	P=NA	P=NA	P=NA
POLY 6	P=0.000**	(e)	P=0.086	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.100	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.021*	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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DOSE	MALE					
	CONTROL	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Epididymis						
Hypospermia						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/8 (0%)	0/8 (0%)	6/8 (75%)	8/8 (100%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	0/8.00	0/8.00	6/8.00	8/8.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	75%	100%	100%
TERMINAL (d)	0/8 (0%)	0/8 (0%)	0/8 (0%)	6/8 (75%)	8/8 (100%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	101(T)	101(T)	101(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	(e)	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	(e)	(e)	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.003**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.000**	(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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
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	---	---	---	---	---	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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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/NCTR)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Harderian Gland						
Inflammation Chronic						
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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 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	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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 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%)	4/8 (50%)
POLY-3 RATE (b)	5/8.00	0/0.00	0/0.00	0/0.00	0/0.00	4/8.00
POLY-3 PERCENT (g)	62.5%	0%	0%	0%	0%	50%
TERMINAL (d)	5/8 (62%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/8 (50%)
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=0.420N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.317N
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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 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						

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 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Kidney: Cortex						
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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 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/2 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/2.00	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%)	0/2 (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=0.279	(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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL(a)	1/8 (12%)	0/2 (0%)	1/1 (100%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	0/2.00	1/1.00	0/0.00	0/1.00	0/8.00
POLY-3 PERCENT (g)	12.5%	0%	100%	0%	0%	0%
TERMINAL (d)	1/8 (12%)	0/2 (0%)	1/1 (100%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
FIRST INCIDENCE	101(T)	---	101(T)	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.763N	P=0.202	(e)	P=0.878N	P=0.500N
POLY 1.5	(e)	P=0.763N	P=0.202	(e)	P=0.878N	P=0.500N
POLY 6	(e)	P=0.763N	P=0.202	(e)	P=0.878N	P=0.500N
COCH-ARM / FISHERS	P=0.236N	P=0.800N	P=0.222	(e)	P=0.889N	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.353N	P=0.040*	(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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver						
Inflammation Chronic Focal						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/2 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/2.00	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%)	0/2 (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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:19
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver						
Tension Lipidosis						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/2 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/2.00	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%)	0/2 (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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:19
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver: Left Lat Lobe						
Developmental Malformation						
LESION RATES						
OVERALL(a)	1/8 (12%)	2/2 (100%)	0/1 (0%)	0/0 (0%)	1/1 (100%)	1/8 (12%)
POLY-3 RATE (b)	1/8.00	2/2.00	0/1.00	0/0.00	1/1.00	1/8.00
POLY-3 PERCENT (g)	12.5%	100%	0%	0%	100%	12.5%
TERMINAL (d)	1/8 (12%)	2/2 (100%)	0/1 (0%)	0/0 (0%)	1/1 (100%)	1/8 (12%)
FIRST INCIDENCE	101(T)	101(T)	---	---	101(T)	101(T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.016*	P=0.878N	(e)	P=0.202	P=0.760
POLY 1.5	(e)	P=0.016*	P=0.878N	(e)	P=0.202	P=0.760
POLY 6	(e)	P=0.016*	P=0.878N	(e)	P=0.202	P=0.760
COCH-ARM / FISHERS	P=0.345N	P=0.067	P=0.889N	(e)	P=0.222	P=0.767N
MAX-ISO-POLY-3	(e)	P=0.004**	P=0.401N	(e)	P=0.040*	P=1.000
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:19
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Lung						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 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	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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Nose: Goblet Cell Hyperplasia						
LESION RATES						
OVERALL(a)	7/8 (88%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/8 (62%)
POLY-3 RATE (b)	7/8.00	0/0.00	0/0.00	0/0.00	0/0.00	5/8.00
POLY-3 PERCENT (g)	87.5%	0%	0%	0%	0%	62.5%
TERMINAL (d)	7/8 (88%)	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=0.286N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.286N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.286N
COCH-ARM / FISHERS	P=0.210N	(e)	(e)	(e)	(e)	P=0.285N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.131N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Pancreas: Acinus						
Atrophy						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Peripheral Nerve: 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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Peripheral Nerve: Schwann Cell 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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Preputial Gland Inflammation						
LESION RATES						
OVERALL(a)	2/8 (25%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/8 (75%)
POLY-3 RATE (b)	2/8.00	1/1.00	0/0.00	0/0.00	0/0.00	6/8.00
POLY-3 PERCENT (g)	25%	100%	0%	0%	0%	75%
TERMINAL (d)	2/8 (25%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/8 (75%)
FIRST INCIDENCE	101(T)	101(T)	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.351	(e)	(e)	(e)	P=0.053
POLY 1.5	(e)	P=0.351	(e)	(e)	(e)	P=0.053
POLY 6	(e)	P=0.351	(e)	(e)	(e)	P=0.053
COCH-ARM / FISHERS	P=0.074	P=0.333	(e)	(e)	(e)	P=0.066
MAX-ISO-POLY-3	(e)	P=0.127	(e)	(e)	(e)	P=0.016*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Preputial Gland						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	3/8 (38%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	3/8.00	0/1.00	0/0.00	0/0.00	0/0.00	1/8.00
POLY-3 PERCENT (g)	37.5%	0%	0%	0%	0%	12.5%
TERMINAL (d)	3/8 (38%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
FIRST INCIDENCE	101(T)	---	---	---	---	101(T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.634N	(e)	(e)	(e)	P=0.286N
POLY 1.5	(e)	P=0.634N	(e)	(e)	(e)	P=0.286N
POLY 6	(e)	P=0.634N	(e)	(e)	(e)	P=0.286N
COCH-ARM / FISHERS	P=0.248N	P=0.667N	(e)	(e)	(e)	P=0.285N
MAX-ISO-POLY-3	(e)	P=0.304N	(e)	(e)	(e)	P=0.131N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Prostate 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	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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Spinal Cord, Cervical						
Developmental Malformation						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 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%)	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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Spinal Cord, Thoracic						
Developmental Malformation						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Spleen						
Congestion						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/1.00	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%)	0/1 (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=0.319	(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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Spleen						
Developmental Malformation						
LESION RATES						
OVERALL(a)	0/8 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	1/1.00	0/0.00	0/0.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (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=0.392N	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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Testes: Germinal Epith Degeneration						
LESION RATES						
OVERALL(a)	0/8 (0%)	2/8 (25%)	3/8 (38%)	8/8 (100%)	8/8 (100%)	8/8 (100%)
POLY-3 RATE (b)	0/8.00	2/8.00	3/8.00	8/8.00	8/8.00	8/8.00
POLY-3 PERCENT (g)	0%	25%	37.5%	100%	100%	100%
TERMINAL (d)	0/8 (0%)	2/8 (25%)	3/8 (38%)	8/8 (100%)	8/8 (100%)	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=0.086	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.223	P=0.086	P=NA	P=NA	P=NA
POLY 6	P=0.000**	P=0.223	P=0.086	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	P=0.233	P=0.100	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.063	P=0.021*	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Urinary Bladder Dilatation						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Clitoral Gland Inflammation						
LESION RATES						
OVERALL(a)	3/8 (38%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	3/8.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.00
POLY-3 PERCENT (g)	37.5%	0%	0%	0%	0%	12.5%
TERMINAL (d)	3/8 (38%)	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=0.286N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.286N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.286N
COCH-ARM / FISHERS	P=0.210N	(e)	(e)	(e)	(e)	P=0.285N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.131N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Clitoral Gland						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	3/8 (38%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/8 (62%)
POLY-3 RATE (b)	3/8.00	0/0.00	0/0.00	0/0.00	0/0.00	5/8.00
POLY-3 PERCENT (g)	37.5%	0%	0%	0%	0%	62.5%
TERMINAL (d)	3/8 (38%)	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=0.315
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.315
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.315
COCH-ARM / FISHERS	P=0.242	(e)	(e)	(e)	(e)	P=0.310
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.168
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
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						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
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	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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 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						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Heart: Myocardium						
Inflammation Focal						
LESION RATES						
OVERALL(a)	2/8 (25%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
POLY-3 RATE (b)	2/8.00	0/0.00	0/0.00	0/0.00	0/0.00	3/8.00
POLY-3 PERCENT (g)	25%	0%	0%	0%	0%	37.5%
TERMINAL (d)	2/8 (25%)	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=0.500
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=0.415	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.305
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Kidney						
Hydronephrosis						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Kidney: Cortex						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Kidney: Cortex						
Mineralization						
LESION RATES						
OVERALL(a)	7/8 (88%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/8 (50%)
POLY-3 RATE (b)	7/8.00	0/0.00	0/0.00	0/0.00	0/0.00	4/8.00
POLY-3 PERCENT (g)	87.5%	0%	0%	0%	0%	50%
TERMINAL (d)	7/8 (88%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/8 (50%)
FIRST INCIDENCE	102(T)	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.135N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.135N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.135N
COCH-ARM / FISHERS	P=0.098N	(e)	(e)	(e)	(e)	P=0.141N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.049N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/2 (0%)	0/2 (0%)	0/2 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/2.00	0/2.00	0/2.00	0/1.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/2 (0%)	0/2 (0%)	0/2 (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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL(a)	0/8 (0%)	1/2 (50%)	1/2 (50%)	0/2 (0%)	0/1 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	1/2.00	1/2.00	0/2.00	0/1.00	0/8.00
POLY-3 PERCENT (g)	0%	50%	50%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	1/2 (50%)	1/2 (50%)	0/2 (0%)	0/1 (0%)	0/8 (0%)
FIRST INCIDENCE	---	102(T)	102(T)	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.253N	P=0.171	P=0.171	(e)	(e)	(e)
POLY 1.5	P=0.253N	P=0.171	P=0.171	(e)	(e)	(e)
POLY 6	P=0.253N	P=0.171	P=0.171	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.284N	P=0.200	P=0.200	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.153N	P=0.023*	P=0.023*	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver						
Inflammation Chronic Focal						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/2 (0%)	0/2 (0%)	0/2 (0%)	0/1 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/2.00	0/2.00	0/2.00	0/1.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/8 (0%)	0/2 (0%)	0/2 (0%)	0/2 (0%)	0/1 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	P=0.267	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.267	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.267	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.245	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.248	(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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver						
Tension Lipidosis						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/2 (0%)	0/2 (0%)	0/2 (0%)	0/1 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/2.00	0/2.00	0/2.00	0/1.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/8 (0%)	0/2 (0%)	0/2 (0%)	0/2 (0%)	0/1 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	P=0.267	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.267	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.267	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.245	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.248	(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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver: Left Lat Lobe						
Developmental Malformation						
LESION RATES						
OVERALL(a)	1/8 (12%)	1/2 (50%)	1/2 (50%)	2/2 (100%)	1/1 (100%)	0/8 (0%)
POLY-3 RATE (b)	1/8.00	1/2.00	1/2.00	2/2.00	1/1.00	0/8.00
POLY-3 PERCENT (g)	12.5%	50%	50%	100%	100%	0%
TERMINAL (d)	1/8 (12%)	1/2 (50%)	1/2 (50%)	2/2 (100%)	1/1 (100%)	0/8 (0%)
FIRST INCIDENCE	102(T)	102(T)	102(T)	102(T)	102(T)	---
STATISTICAL TESTS						
POLY 3	P=0.058N	P=0.424	P=0.424	P=0.016*	P=0.202	P=0.500N
POLY 1.5	P=0.058N	P=0.424	P=0.424	P=0.016*	P=0.202	P=0.500N
POLY 6	P=0.058N	P=0.424	P=0.424	P=0.016*	P=0.202	P=0.500N
COCH-ARM / FISHERS	P=0.117N	P=0.378	P=0.378	P=0.067	P=0.222	P=0.500N
MAX-ISO-POLY-3	P=0.014N*	P=0.183	P=0.183	P=0.004**	P=0.040*	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Lung						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/8 (0%)	1/1 (100%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	1/1.00	0/0.00	0/1.00	0/0.00	0/8.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	1/1 (100%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	102(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=0.402N	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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Lung: Artery						
Mineralization						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/1.00	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%)	0/1 (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						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Mesentery: Fat						
Necrosis						
LESION RATES						
OVERALL(a)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
POLY-3 RATE (b)	1/1.00	0/0.00	0/0.00	0/0.00	0/0.00	1/1.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	0%	100%
TERMINAL (d)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Nose: Goblet Cell Hyperplasia						
LESION RATES						
OVERALL(a)	3/8 (38%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/8 (75%)
POLY-3 RATE (b)	3/8.00	0/0.00	0/0.00	0/0.00	0/0.00	6/8.00
POLY-3 PERCENT (g)	37.5%	0%	0%	0%	0%	75%
TERMINAL (d)	3/8 (38%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/8 (75%)
FIRST INCIDENCE	102(T)	---	---	---	---	102(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.154
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.154
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.154
COCH-ARM / FISHERS	P=0.113	(e)	(e)	(e)	(e)	P=0.157
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Ovary						
Cyst						
LESION RATES						
OVERALL(a)	2/8 (25%)	2/2 (100%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	2/8 (25%)
POLY-3 RATE (b)	2/8.00	2/2.00	0/0.00	1/1.00	0/0.00	2/8.00
POLY-3 PERCENT (g)	25%	100%	0%	100%	0%	25%
TERMINAL (d)	2/8 (25%)	2/2 (100%)	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=0.101	(e)	P=0.351	(e)	P=0.705
POLY 1.5	(e)	P=0.101	(e)	P=0.351	(e)	P=0.705
POLY 6	(e)	P=0.101	(e)	P=0.351	(e)	P=0.705
COCH-ARM / FISHERS	P=0.322N	P=0.133	(e)	P=0.333	(e)	P=0.715N
MAX-ISO-POLY-3	(e)	P=0.042*	(e)	P=0.127	(e)	P=1.000
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Ovary: Corpus Luteum Cyst						
LESION RATES						
OVERALL(a)	0/8 (0%)	0/2 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/8.00	0/2.00	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%)	0/2 (0%)	0/0 (0%)	0/1 (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=0.288	(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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Pancreas: Acinus						
Atrophy						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Peripheral Nerve: 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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Peripheral Nerve: Schwann Cell 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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Spinal Cord, Cervical						
Developmental Malformation						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 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%)	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	---	---	---	---	---	102(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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Spinal Cord, Thoracic						
Developmental Malformation						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Spleen						
Congestion						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Spleen						
Developmental Malformation						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Urinary Bladder						
Dilatation						
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: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:20
 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	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Uterus						
Dilatation						
LESION RATES						
OVERALL(a)	2/8 (25%)	1/1 (100%)	3/3 (100%)	1/1 (100%)	2/2 (100%)	2/8 (25%)
POLY-3 RATE (b)	2/8.00	1/1.00	3/3.00	1/1.00	2/2.00	2/8.00
POLY-3 PERCENT (g)	25%	100%	100%	100%	100%	25%
TERMINAL (d)	2/8 (25%)	1/1 (100%)	3/3 (100%)	1/1 (100%)	2/2 (100%)	2/8 (25%)
FIRST INCIDENCE	102(T)	102(T)	102(T)	102(T)	102(T)	102(T)
STATISTICAL TESTS						
POLY 3	P=0.179N	P=0.351	P=0.030*	P=0.351	P=0.101	P=0.705
POLY 1.5	P=0.179N	P=0.351	P=0.030*	P=0.351	P=0.101	P=0.705
POLY 6	P=0.179N	P=0.351	P=0.030*	P=0.351	P=0.101	P=0.705
COCH-ARM / FISHERS	P=0.220N	P=0.333	P=0.061	P=0.333	P=0.133	P=0.715N
MAX-ISO-POLY-3	P=0.086	P=0.127	P=0.012*	P=0.127	P=0.042*	P=1.000
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 20314-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Glycidamide
CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
Time Report Requested: 14:18:20
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 ****