

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

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

Date Report Requested: 09/08/2016
Time Report Requested: 14:27:00
First Dose M/F: 07/26/04 / 07/26/04
Lab: NCTR

NTP Study Number: C20314
Lock Date: 03/06/2013
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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

MALE RATS

Organ

Epididymis

Liver
Liver: Left Lateral Lobe
Preputial Gland
Spleen
Testes: Germinal Epithelium

FEMALE RATS

Organ

Kidney: Cortex
Liver
Liver: Left Lateral 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 RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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<0.001**	(e)	P=0.086	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.086	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.086	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.100	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.020*	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.003**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (13%)
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 (13%)
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=0.158

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (13%)	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 (13%)	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=0.158N

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 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (13%)	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 (13%)	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=0.158N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (63%)	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 (63%)	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=0.316N

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 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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)

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 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (13%)
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 (13%)
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=0.158

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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)

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 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (13%)
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 (13%)
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=0.158

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (13%)	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 (13%)	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=0.350N	P=0.040*	(e)	P=0.399N	P=0.158N

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 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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)

Experiment Number: 20314 - 01
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 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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)

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

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

Date Report Requested: 09/08/2016
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 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	CONTROL	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver: Left Lateral Lobe Developmental Malformation						
LESION RATES						
OVERALL (a)	1/8 (13%)	2/2 (100%)	0/1 (0%)	0/0 (0%)	1/1 (100%)	1/8 (13%)
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 (13%)	2/2 (100%)	0/1 (0%)	0/0 (0%)	1/1 (100%)	1/8 (13%)
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=0.399N	(e)	P=0.040*	P=1.000

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

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

Date Report Requested: 09/08/2016
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 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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)

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

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

Date Report Requested: 09/08/2016
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 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (13%)	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 (13%)	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=0.158N

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

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

Date Report Requested: 09/08/2016
Time Report Requested: 14:27:00
First Dose M/F: 07/26/04 / 07/26/04
Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (63%)
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 (63%)
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=0.129N

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

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

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 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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)

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

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

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 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Glycidamide
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 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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)

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

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

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 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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=0.125	(e)	(e)	(e)	P=0.015*

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

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

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 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (13%)
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 (13%)
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=0.303N	(e)	(e)	(e)	P=0.129N

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

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

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 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (13%)	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 (13%)	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=0.158N

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

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

Date Report Requested: 09/08/2016
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 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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)

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

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

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 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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 (13%)
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 (13%)
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=0.158

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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<0.001**	(e)	(e)	(e)	(e)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	CONTROL	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Testes: Germinal Epithelium 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<0.001**	P=0.223	P=0.086	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.223	P=0.086	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.223	P=0.086	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.233	P=0.100	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.063	P=0.020*	(e)	(e)	(e)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Males					
	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

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (13%)
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 (13%)
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=0.129N

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (63%)
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 (63%)
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=0.167

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (13%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
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 (13%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
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

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (13%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
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 (13%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
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

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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*

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (13%)
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 (13%)
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=0.247	(e)	(e)	(e)	(e)	P=0.158

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (13%)
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 (13%)
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=0.247	(e)	(e)	(e)	(e)	P=0.158

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	CONTROL	12.2 UG/ML	30.6 UG/ML	61.2 UG/ML	122 UG/ML	306 UG/ML
Liver: Left Lateral Lobe Developmental Malformation						
LESION RATES						
OVERALL (a)	1/8 (13%)	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 (13%)	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=0.182	P=0.182	P=0.004**	P=0.040*	P=0.158N

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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<0.001**	(e)	(e)	(e)	(e)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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)

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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=0.125	(e)	P=1.000

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (13%)
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 (13%)
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=0.158

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (13%)
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 (13%)
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=0.158

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (13%)
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 (13%)
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=0.158

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

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

Date Report Requested: 09/08/2016
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 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (13%)
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 (13%)
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=0.158

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

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

Date Report Requested: 09/08/2016
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 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (13%)	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 (13%)	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=0.158N

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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=0.020*

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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 (13%)	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 (13%)	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=0.158N

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

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

Date Report Requested: 09/08/2016
 Time Report Requested: 14:27:00
 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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)

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

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

Date Report Requested: 09/08/2016
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First Dose M/F: 07/26/04 / 07/26/04
Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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)

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

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

Date Report Requested: 09/08/2016
Time Report Requested: 14:27:00
First Dose M/F: 07/26/04 / 07/26/04
Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Glycidamide
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 First Dose M/F: 07/26/04 / 07/26/04
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/NCTR)
 TERMINAL SACRIFICE AT 15 WEEKS**

DOSE	Females					
	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=0.085	P=0.125	P=0.012*	P=0.125	P=0.042*	P=1.000

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Glycidamide
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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 ***