

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:17:28
First Dose M/F: NA / NA
Lab: AD LITTLE

C Number:	C88031
Lock Date:	06/11/1992
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 88031-03

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Lab: AD LITTLE

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

MALE RAT

Organ

Adrenal Cortex
Epididymis
Heart
Kidney
Kidney: Renal Tubule

Liver

Lung

Nose: Olfactory Epi
Preputial Gland
Testes
Thymus

FEMALE RAT

Organ

Adrenal Cortex
Kidney
Kidney: Renal Tubule

Liver

Lymph Node, Mandibular
Nose: Olfactory Epi
Ovary
Pituitary Gland: Pars Distalis
Thymus

Morphology

Hypertrophy
Hypospermia
Cardiomyopathy
Infiltration Cellular Lymphocyte
Casts Protein
Regeneration
Atypical Focus
Necrosis Focal
Hepatodiaphragmatic Nodule
Fatty Change
Hemorrhage Focal
Inflammation Acute Focal
Degeneration Focal
Atrophy
Atrophy
Hemorrhage

Morphology

Hypertrophy
Infiltration Cellular Lymphocyte
Casts Protein
Regeneration
Fatty Change
Hepatodiaphragmatic Nodule
Hemorrhage
Degeneration Focal
Cyst
Hyperplasia Focal
Hemorrhage

Experiment Number: 88031-03

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

Uterus

Dilatation

Experiment Number: 88031-03
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 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Adrenal Cortex						
Hyperplasia Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

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 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Adrenal Cortex Hypertrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	7/10 (70%)	5/10 (50%)	6/10 (60%)	6/10 (60%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	7/10.00	5/10.00	6/10.00	6/10.00	10/10.00
POLY-3 PERCENT (g)	0%	70%	50%	60%	60%	100%
TERMINAL (d)	0/10 (0%)	7/10 (70%)	5/10 (50%)	6/10 (60%)	6/10 (60%)	10/10 (100%)
FIRST INCIDENCE	---	95(T)	95(T)	95(T)	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.000**	P=0.008**	P<0.001**	P<0.001**	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=0.008**	P<0.001**	P<0.001**	P=NA
POLY 6	P=0.000**	P=0.000**	P=0.008**	P<0.001**	P<0.001**	P=NA
COCH-ARM / FISHERS	P<0.001**	P=0.002**	P=0.016*	P=0.005**	P=0.005**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.000**	P<0.001**	P=0.000**	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:28
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Adrenal Cortex						
Vacuolization Cytoplasmic Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	P=0.107	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.107	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.107	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.075	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
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 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Adrenal Cortex: Capsule						
Fibrosis Focal						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.415N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.075N	P=0.159N	P=0.159N	P=0.159N	P=0.159N	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:28

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Epididymis						
Hypospermia						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	6/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	60%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/10 (60%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	(e)	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P=0.004**	(e)	(e)	(e)	(e)	P=0.005**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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Time Report Requested: 13:17:28

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Heart						
Cardiomyopathy						
LESION RATES						
OVERALL(a)	7/10 (70%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	7/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	70%	0%	0%	0%	0%	0%
TERMINAL (d)	7/10 (70%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.000N**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.000N**
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.000N**
COCH-ARM / FISHERS	P=0.001N**	(e)	(e)	(e)	(e)	P=0.002N**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.000N**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:28
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Kidney						
Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL(a)	1/10 (10%)	1/10 (10%)	1/10 (10%)	2/10 (20%)	6/10 (60%)	4/10 (40%)
POLY-3 RATE (b)	1/10.00	1/10.00	1/10.00	2/10.00	6/10.00	4/10.00
POLY-3 PERCENT (g)	10%	10%	10%	20%	60%	40%
TERMINAL (d)	1/10 (10%)	1/10 (10%)	1/10 (10%)	2/10 (20%)	6/10 (60%)	4/10 (40%)
FIRST INCIDENCE	95(T)	95(T)	95(T)	95(T)	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P=0.009**	P=0.760	P=0.760	P=0.500	P=0.018*	P=0.148
POLY 1.5	P=0.009**	P=0.760	P=0.760	P=0.500	P=0.018*	P=0.148
POLY 6	P=0.009**	P=0.760	P=0.760	P=0.500	P=0.018*	P=0.148
COCH-ARM / FISHERS	P=0.012*	P=0.763N	P=0.763N	P=0.500	P=0.029*	P=0.152
MAX-ISO-POLY-3	P=0.015*	P=1.000	P=1.000	P=0.274	P=0.005**	P=0.059
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:28
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Kidney: Renal Tubule						
Casts Protein						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	3/10 (30%)	4/10 (40%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	3/10.00	4/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	30%	40%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	3/10 (30%)	4/10 (40%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	95(T)	95(T)	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	P=0.095	P=0.033*	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	P=0.095	P=0.033*	P=NA	P=NA
POLY 6	P=0.000**	(e)	P=0.095	P=0.033*	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.105	P=0.043*	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.025*	P=0.007**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:28
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Kidney: Renal Tubule Hemorrhage						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	P=0.107	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.107	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.107	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.075	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:28
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Kidney: Renal Tubule Regeneration						
LESION RATES						
OVERALL(a)	6/10 (60%)	2/10 (20%)	7/10 (70%)	4/10 (40%)	9/10 (90%)	8/10 (80%)
POLY-3 RATE (b)	6/10.00	2/10.00	7/10.00	4/10.00	9/10.00	8/10.00
POLY-3 PERCENT (g)	60%	20%	70%	40%	90%	80%
TERMINAL (d)	6/10 (60%)	2/10 (20%)	7/10 (70%)	4/10 (40%)	9/10 (90%)	8/10 (80%)
FIRST INCIDENCE	95(T)	95(T)	95(T)	95(T)	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P=0.014*	P=0.077N	P=0.500	P=0.333N	P=0.148	P=0.318
POLY 1.5	P=0.014*	P=0.077N	P=0.500	P=0.333N	P=0.148	P=0.318
POLY 6	P=0.014*	P=0.077N	P=0.500	P=0.333N	P=0.148	P=0.318
COCH-ARM / FISHERS	P=0.022*	P=0.085N	P=0.500	P=0.328N	P=0.152	P=0.314
MAX-ISO-POLY-3	P=0.023*	P=0.029N*	P=0.327	P=0.194N	P=0.059	P=0.172
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:28

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Atypical Focus						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/2.00	0/10.00	0/10.00	0/10.00	8/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	80%
TERMINAL (d)	0/10 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:28
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/2 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/2.00	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%	0%
TERMINAL (d)	0/10 (0%)	0/2 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	95(T)	---	---
STATISTICAL TESTS						
POLY 3	P=0.650N	(e)	(e)	P=0.500	(e)	(e)
POLY 1.5	P=0.650N	(e)	(e)	P=0.500	(e)	(e)
POLY 6	P=0.650N	(e)	(e)	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.653N	(e)	(e)	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.540	(e)	(e)	P=0.159	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:28

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Developmental Malformation Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/2.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:28
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Fatty Change						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/2 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/2.00	0/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	0/2 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	95(T)	95(T)	95(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=0.000**	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						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:28

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Fibrosis Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/2.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	P=0.138	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.138	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.138	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.133	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.099	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:28
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL(a)	0/10 (0%)	1/2 (50%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/2.00	0/10.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	50%	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	1/2 (50%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	---	95(T)	---	---	95(T)	---
STATISTICAL TESTS						
POLY 3	P=0.578N	P=0.124	(e)	(e)	P=0.500	(e)
POLY 1.5	P=0.578N	P=0.124	(e)	(e)	P=0.500	(e)
POLY 6	P=0.578N	P=0.124	(e)	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.570N	P=0.167	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.262N	P=0.013*	(e)	(e)	P=0.159	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:28

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Necrosis Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/2.00	0/10.00	0/10.00	4/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	40%	0%
TERMINAL (d)	0/10 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	95(T)	---
STATISTICAL TESTS						
POLY 3	P=0.304	(e)	(e)	(e)	P=0.033*	(e)
POLY 1.5	P=0.304	(e)	(e)	(e)	P=0.033*	(e)
POLY 6	P=0.304	(e)	(e)	(e)	P=0.033*	(e)
COCH-ARM / FISHERS	P=0.330	(e)	(e)	(e)	P=0.043*	(e)
MAX-ISO-POLY-3	P=0.045*	(e)	(e)	(e)	P=0.007**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lung						
Hemorrhage Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/3 (33%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/3.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	33.3%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/3 (33%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	95(T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.236	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.236	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.236	(e)
COCH-ARM / FISHERS	P=0.708	(e)	(e)	(e)	P=0.231	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.049*	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lung						
Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/3 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/3.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/3 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lung						
Inflammation Acute Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/3 (67%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	2/3.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	66.7%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/3 (67%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	95(T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.003**	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.003**	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.003**	(e)
COCH-ARM / FISHERS	P=0.654	(e)	(e)	(e)	P=0.038*	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lung: Alveolar Epith Hyperplasia Focal						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/3 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/3.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/3 (0%)	0/10 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.732N	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.732N	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	P=0.732N	P=0.500N
COCH-ARM / FISHERS	P=0.292N	(e)	(e)	(e)	P=0.769N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.334N	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node, Mandibular Hemorrhage						
LESION RATES						
OVERALL(a)	4/10 (40%)	0/1 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	4/10 (40%)
POLY-3 RATE (b)	4/10.00	0/1.00	1/1.00	0/0.00	1/1.00	4/10.00
POLY-3 PERCENT (g)	40%	0%	100%	0%	100%	40%
TERMINAL (d)	4/10 (40%)	0/1 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	4/10 (40%)
FIRST INCIDENCE	95(T)	---	95(T)	---	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.609N	P=0.463	(e)	P=0.463	P=0.667
POLY 1.5	(e)	P=0.609N	P=0.463	(e)	P=0.463	P=0.667
POLY 6	(e)	P=0.609N	P=0.463	(e)	P=0.463	P=0.667
COCH-ARM / FISHERS	P=0.579N	P=0.636N	P=0.455	(e)	P=0.455	P=0.675N
MAX-ISO-POLY-3	(e)	P=0.292N	P=0.206	(e)	P=0.206	P=1.000
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node, Mandibular Hyperplasia Lymphoid						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/0.00	0/1.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	95(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=0.272	(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: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node: Bronchial Hemorrhage						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/2 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/1.00	0/2.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/2 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node: Lumbar						
Pigmentation Focal						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/2 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	1/1.00	0/2.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/2 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	95(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	P=0.807N	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node: Mediastinal Hemorrhage						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	1/2 (50%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/1.00	1/2.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	1/2 (50%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	95(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	P=0.958	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node: Renal Hemorrhage						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	1/2 (50%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	1/1.00	1/2.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	50%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	1/2 (50%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	95(T)	95(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	P=0.958N	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Nose						
Fungus						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	10%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	95(T)	---	---	---	95(T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.760	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.760	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	P=0.760	P=0.500N
COCH-ARM / FISHERS	P=0.327N	(e)	(e)	(e)	P=0.763N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=1.000	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Nose						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	95(T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.159	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Nose						
Inflammation Acute						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	10%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	95(T)	---	---	---	95(T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.760	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.760	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	P=0.760	P=0.500N
COCH-ARM / FISHERS	P=0.327N	(e)	(e)	(e)	P=0.763N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=1.000	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Nose: Olfactory Epi Degeneration Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Nose: Respirat Epith Degeneration Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Pancreas						
Ectopic Liver Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Pancreas: Acinus						
Atrophy Focal						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95(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=0.304N	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Pituitary Gland: Pars Distalis						
Hyperplasia Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Preputial Gland						
Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	5/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	50%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	5/10 (50%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.008**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.008**
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.008**
COCH-ARM / FISHERS	P=0.003**	(e)	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Prostate						
Inflammation Acute						
LESION RATES						
OVERALL(a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227N
COCH-ARM / FISHERS	P=0.132N	(e)	(e)	(e)	(e)	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.067N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Seminal Vesicle						
Depletion Cellular						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.132	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.067
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Spleen						
Ectopic Tissue						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Testes						
Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Thymus Hemorrhage						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	30%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.095
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.095
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.095
COCH-ARM / FISHERS	P=0.059	(e)	(e)	(e)	(e)	P=0.105
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.025*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	MALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Tooth: Dentine						
Degeneration						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
FIRST INCIDENCE	---	---	---	---	---	95(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Adrenal Cortex						
Hyperplasia Focal						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.415N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.075N	P=0.159N	P=0.159N	P=0.159N	P=0.159N	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Adrenal Cortex Hypertrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	8/10 (80%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	8/10.00	10/10.00	10/10.00	10/10.00	9/10.00
POLY-3 PERCENT (g)	0%	80%	100%	100%	100%	90%
TERMINAL (d)	0/10 (0%)	8/10 (80%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/10 (90%)
FIRST INCIDENCE	---	95(T)	95(T)	95(T)	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=0.000**
POLY 1.5	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=0.000**
POLY 6	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=0.000**
COCH-ARM / FISHERS	P=0.005**	P=0.000**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.000**	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Adrenal Cortex						
Vacuolization Cytoplasmic Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Adrenal Cortex: Capsule						
Fibrosis Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (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: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Heart						
Cardiomyopathy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	95(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=0.304	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Kidney						
Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	P=0.008**	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	P=0.008**	(e)	(e)	(e)	(e)	P=0.227
POLY 6	P=0.008**	(e)	(e)	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.010**	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.008**	(e)	(e)	(e)	(e)	P=0.067
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Kidney: Renal Tubule						
Casts Protein						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	8/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	80%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Kidney: Renal Tubule Hemorrhage						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Kidney: Renal Tubule Regeneration						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.033*
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.033*
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.033*
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.043*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.007**
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Atypical Focus						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/1.00	0/3.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	95(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=0.233	(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: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/1.00	0/3.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	0/10 (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: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Developmental Malformation Focal						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/1.00	0/3.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.913N	P=0.732N	P=0.500N	P=0.500N
POLY 1.5	(e)	(e)	P=0.913N	P=0.732N	P=0.500N	P=0.500N
POLY 6	(e)	(e)	P=0.913N	P=0.732N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.288N	(e)	P=0.909N	P=0.769N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	P=0.411N	P=0.334N	P=0.159N	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Fatty Change						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/1.00	0/3.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Fibrosis Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/1.00	0/3.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	0/10 (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: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	1/1 (100%)	2/3 (67%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/0.00	1/1.00	2/3.00	1/10.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	100%	66.7%	10%	10%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	1/1 (100%)	2/3 (67%)	1/10 (10%)	1/10 (10%)
FIRST INCIDENCE	95(T)	---	95(T)	95(T)	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.146	P=0.079	P=0.760	P=0.760
POLY 1.5	(e)	(e)	P=0.146	P=0.079	P=0.760	P=0.760
POLY 6	(e)	(e)	P=0.146	P=0.079	P=0.760	P=0.760
COCH-ARM / FISHERS	P=0.313N	(e)	P=0.182	P=0.108	P=0.763N	P=0.763N
MAX-ISO-POLY-3	(e)	(e)	P=0.022*	P=0.033*	P=1.000	P=1.000
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Liver						
Necrosis Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/1.00	0/3.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/3 (0%)	0/10 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lung						
Hemorrhage Focal						
LESION RATES						
OVERALL(a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	10%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	95(T)	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.292N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.292N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.292N
COCH-ARM / FISHERS	P=0.201N	(e)	(e)	(e)	(e)	P=0.291N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.138N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lung						
Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL(a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227N
COCH-ARM / FISHERS	P=0.132N	(e)	(e)	(e)	(e)	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.067N
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lung						
Inflammation Acute Focal						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95(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=0.304N	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lung: Alveolar Epith Hyperplasia Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node, Mandibular Hemorrhage						
LESION RATES						
OVERALL(a)	2/10 (20%)	0/1 (0%)	1/1 (100%)	2/2 (100%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/1.00	1/1.00	2/2.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	20%	0%	100%	100%	0%	10%
TERMINAL (d)	2/10 (20%)	0/1 (0%)	1/1 (100%)	2/2 (100%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	95(T)	---	95(T)	95(T)	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.786N	P=0.286	P=0.053	(e)	P=0.500N
POLY 1.5	(e)	P=0.786N	P=0.286	P=0.053	(e)	P=0.500N
POLY 6	(e)	P=0.786N	P=0.286	P=0.053	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.214N	P=0.818N	P=0.273	P=0.091	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.369N	P=0.090	P=0.023*	(e)	P=0.274N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node, Mandibular Hyperplasia Lymphoid						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/2 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/2.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/2 (0%)	0/0 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node: Bronchial Hemorrhage						
LESION RATES						
OVERALL(a)	1/1 (100%)	0/0 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/0 (0%)
POLY-3 RATE (b)	1/1.00	0/0.00	0/1.00	0/2.00	0/1.00	0/0.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	0%	0%
TERMINAL (d)	1/1 (100%)	0/0 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	P=NA	(e)	(e)
POLY 1.5	(e)	(e)	(e)	P=NA	(e)	(e)
POLY 6	(e)	(e)	(e)	P=NA	(e)	(e)
COCH-ARM / FISHERS	P=0.567N	(e)	P=0.500N	P=0.333N	P=0.500N	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node: Lumbar						
Pigmentation Focal						
LESION RATES						
OVERALL(a)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/1.00	0/0.00	0/1.00	0/2.00	0/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/2 (0%)	0/1 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node: Mediastinal Hemorrhage						
LESION RATES						
OVERALL(a)	0/1 (0%)	0/0 (0%)	1/1 (100%)	2/2 (100%)	0/1 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/1.00	0/0.00	1/1.00	2/2.00	0/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	100%	100%	0%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	1/1 (100%)	2/2 (100%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	95(T)	95(T)	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	P=0.333	(e)	(e)
POLY 1.5	(e)	(e)	(e)	P=0.333	(e)	(e)
POLY 6	(e)	(e)	(e)	P=0.333	(e)	(e)
COCH-ARM / FISHERS	P=0.865N	(e)	P=0.500	P=0.333	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Lymph Node: Renal Hemorrhage						
LESION RATES						
OVERALL(a)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/2 (0%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	0/1.00	0/0.00	0/1.00	0/2.00	1/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/2 (0%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	95(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	P=0.433	(e)	(e)	(e)	P=0.500	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Nose						
Fungus						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Nose						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Nose						
Inflammation Acute						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Nose: Olfactory Epi Degeneration Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=NA
POLY 6	(e)	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Nose: Respirat Epith Degeneration Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	95(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=0.267	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Ovary Cyst						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/3 (0%)	0/0 (0%)	1/1 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/3.00	0/0.00	1/1.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/3 (0%)	0/0 (0%)	1/1 (100%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	95(T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.091	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.091	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.091	(e)
COCH-ARM / FISHERS	P=0.670	(e)	(e)	(e)	P=0.091	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Pancreas						
Ectopic Liver Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	95(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=0.304	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Pancreas: Acinus						
Atrophy Focal						
LESION RATES						
OVERALL(a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	10%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	95(T)	---	---	---	---	95(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=0.377N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.274N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:17:29

First Dose M/F: NA / NA

Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Pituitary Gland: Pars Distalis						
Hyperplasia Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	1/1.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	100%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	95(T)	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.091	(e)	(e)	(e)
POLY 1.5	(e)	(e)	P=0.091	(e)	(e)	(e)
POLY 6	(e)	(e)	P=0.091	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.412N	(e)	P=0.091	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	P=0.000**	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Spleen						
Ectopic Tissue						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	95(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=0.304	(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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Thymus Hemorrhage						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/2 (0%)	1/1 (100%)	0/0 (0%)	0/1 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/2.00	1/1.00	0/0.00	0/1.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	100%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/2 (0%)	1/1 (100%)	0/0 (0%)	0/1 (0%)	0/10 (0%)
FIRST INCIDENCE	95(T)	---	95(T)	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.805N	P=0.146	(e)	P=0.913N	P=0.500N
POLY 1.5	(e)	P=0.805N	P=0.146	(e)	P=0.913N	P=0.500N
POLY 6	(e)	P=0.805N	P=0.146	(e)	P=0.913N	P=0.500N
COCH-ARM / FISHERS	P=0.210N	P=0.833N	P=0.182	(e)	P=0.909N	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.369N	P=0.022*	(e)	P=0.411N	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Tooth: Dentine						
Degeneration						
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: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Uterus						
Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/3 (0%)	0/3 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/3.00	0/3.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/3 (0%)	0/3 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	P=0.085	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	P=0.085	(e)	(e)	(e)	(e)	P=0.227
POLY 6	P=0.085	(e)	(e)	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.076	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.087	(e)	(e)	(e)	(e)	P=0.067
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Dipropylene glycol
 CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
 Time Report Requested: 13:17:29
 First Dose M/F: NA / NA
 Lab: AD LITTLE

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

DOSE	FEMALE					
	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Uterus						
Dilatation						
LESION RATES						
OVERALL(a)	1/10 (10%)	1/1 (100%)	1/1 (100%)	3/3 (100%)	2/3 (67%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	1/1.00	1/1.00	3/3.00	2/3.00	1/10.00
POLY-3 PERCENT (g)	10%	100%	100%	100%	66.7%	10%
TERMINAL (d)	1/10 (10%)	1/1 (100%)	1/1 (100%)	3/3 (100%)	2/3 (67%)	1/10 (10%)
FIRST INCIDENCE	95(T)	95(T)	95(T)	95(T)	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P=0.150N	P=0.146	P=0.146	P=0.000**	P=0.079	P=0.760
POLY 1.5	P=0.150N	P=0.146	P=0.146	P=0.000**	P=0.079	P=0.760
POLY 6	P=0.150N	P=0.146	P=0.146	P=0.000**	P=0.079	P=0.760
COCH-ARM / FISHERS	P=0.228N	P=0.182	P=0.182	P=0.014*	P=0.108	P=0.763N
MAX-ISO-POLY-3	P=0.019*	P=0.022*	P=0.022*	P=0.000**	P=0.033*	P=1.000
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:17:29
First Dose M/F: NA / NA
Lab: AD LITTLE

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 ****