

**Experiment Number:** 91014-01  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N

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

**Test Compound:** Oleic acid diethanolamine condensate

**CAS Number:** 93-83-4

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:03:01

**First Dose M/F:** NA / NA

**Lab:** BAT

<b>C Number:</b>	C91014
<b>Lock Date:</b>	02/17/1993
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 91014-01

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**Route:** SKIN APPLICATION

**Species/Strain:** Rat/F 344/N

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

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**Lab:** BAT

**SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF OLEIC ACID DIETHANOLAMINE**

**MALE RAT**

**Organ**

Liver

Lung: Alveolus

Prostate

Skin: Dermis, SOA

Skin: Epidermis, SOA

Skin: SOA

Skin: SOA, Sebaceous GI

**FEMALE RAT**

**Organ**

Clitoral Gland

Ovary: Follicle

Skin: Dermis, SOA

Skin: Epidermis, SOA

Skin: SOA

Skin: SOA, Sebaceous GI

**Morphology**

Hepatodiaphragmatic Nodule

Inflammation Granulomatous

Inflammation Chronic

Inflammation

Inflammation Chronic

Inflammation

Parakeratosis

Hyperplasia

Hypertrophy

**Morphology**

Inflammation Chronic

Cyst

Inflammation Chronic

Inflammation

Erosion

Ulcer

Parakeratosis

Hyperplasia

Hypertrophy

Experiment Number: 91014-01  
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**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
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 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Bone Marrow</b>						
<b>Inflammation Granulomatous</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Heart: Myocardium</b>						
<b>Cardiomyopathy</b>						
<b>LESION RATES</b>						
OVERALL(a)	6/10 (60%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/10 (80%)
POLY-3 RATE (b)	6/10.00	0/0.00	0/0.00	0/0.00	0/0.00	8/10.00
POLY-3 PERCENT (g)	60%	0%	0%	0%	0%	80%
TERMINAL (d)	6/10 (60%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/10 (80%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.318
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.318
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.318
COCH-ARM / FISHERS	P=0.232	(e)	(e)	(e)	(e)	P=0.314
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.172
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
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 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Heart: Myocardium</b>						
<b>Hemorrhage</b>						
<b>LESION RATES</b>						
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	92(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Intestine Large, Colon</b>						
<b>Parasite Metazoan</b>						
<b>LESION RATES</b>						
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	92(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Intestine Large, Rectum</b>						
<b>Parasite Metazoan</b>						
<b>LESION RATES</b>						
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	92(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Kidney</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
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	92(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Kidney</b>						
<b>Mineralization</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Kidney: Renal Tubule Regeneration</b>						
<b>LESION RATES</b>						
OVERALL(a)	6/10 (60%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/10 (50%)
POLY-3 RATE (b)	6/10.00	0/0.00	0/0.00	0/0.00	0/0.00	5/10.00
POLY-3 PERCENT (g)	60%	0%	0%	0%	0%	50%
TERMINAL (d)	6/10 (60%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/10 (50%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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=0.411N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.334N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Liver</b>						
<b>Hepatodiaphragmatic Nodule</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/1.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	92(T)	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.091	(e)	(e)	(e)	(e)
POLY 1.5	(e)	P=0.091	(e)	(e)	(e)	(e)
POLY 6	(e)	P=0.091	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.366N	P=0.091	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.000**	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:01  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Liver</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/1.00	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%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Liver</b>						
<b>Inflammation Granulomatous</b>						
<b>LESION RATES</b>						
OVERALL(a)	4/10 (40%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	4/10.00	0/1.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	40%	0%	0%	0%	0%	0%
TERMINAL (d)	4/10 (40%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.609N	(e)	(e)	(e)	P=0.033N*
POLY 1.5	(e)	P=0.609N	(e)	(e)	(e)	P=0.033N*
POLY 6	(e)	P=0.609N	(e)	(e)	(e)	P=0.033N*
COCH-ARM / FISHERS	P=0.031N*	P=0.636N	(e)	(e)	(e)	P=0.043N*
MAX-ISO-POLY-3	(e)	P=0.292N	(e)	(e)	(e)	P=0.007N**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:01  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Liver: Centrilobular</b>						
<b>Vacuolization Cytoplasmic</b>						
<b>LESION RATES</b>						
OVERALL(a)	6/10 (60%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	7/10 (70%)
POLY-3 RATE (b)	6/10.00	0/1.00	0/0.00	0/0.00	0/0.00	7/10.00
POLY-3 PERCENT (g)	60%	0%	0%	0%	0%	70%
TERMINAL (d)	6/10 (60%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	7/10 (70%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.463N	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	P=0.463N	(e)	(e)	(e)	P=0.500
POLY 6	(e)	P=0.463N	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.319	P=0.455N	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	P=0.206N	(e)	(e)	(e)	P=0.327
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:01  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Lung</b>						
<b>Mineralization</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Lung: Alveolar Epith Inflammation Chronic</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:01  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Lung: Alveolus</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	0%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.095N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.095N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.095N
COCH-ARM / FISHERS	P=0.059N	(e)	(e)	(e)	(e)	P=0.105N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.025N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Lung: Perivascular Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	4/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	40%	0%	0%	0%	0%	30%
TERMINAL (d)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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=0.407N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.327N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
Lung: Serosa						
Fibrosis						
<b>LESION RATES</b>						
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	---	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:01  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Nose</b>						
<b>Infiltration Cellular</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Pancreas</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Pancreas</b>						
<b>Regeneration</b>						
<b>LESION RATES</b>						
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	92(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Preputial Gland</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	6/10 (60%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
POLY-3 RATE (b)	6/10.00	0/0.00	0/0.00	0/0.00	0/0.00	4/10.00
POLY-3 PERCENT (g)	60%	0%	0%	0%	0%	40%
TERMINAL (d)	6/10 (60%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.333N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.333N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.333N
COCH-ARM / FISHERS	P=0.251N	(e)	(e)	(e)	(e)	P=0.328N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.194N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:01  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Preputial Gland</b>						
<b>Inflammation Granulomatous</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:01  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Prostate Inflammation</b>						
<b>LESION RATES</b>						
OVERALL(a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	0%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.095N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.095N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.095N
COCH-ARM / FISHERS	P=0.059N	(e)	(e)	(e)	(e)	P=0.105N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.025N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:01  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: Dermis, SOA</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	6/10 (60%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	6/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	20%	60%	90%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	6/10 (60%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	---	92(T)	92(T)	92(T)	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	P=0.227	P<0.001**	P=0.000**	P=NA
POLY 1.5	P=0.000**	(e)	P=0.227	P<0.001**	P=0.000**	P=NA
POLY 6	P=0.000**	(e)	P=0.227	P<0.001**	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.237	P=0.005**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.067	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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: Epidermis, SOA</b>						
<b>Erosion</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:01  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: Epidermis, SOA</b>						
<b>Inflammation</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	3/10 (30%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	3/10.00	5/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	30%	50%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	3/10 (30%)	5/10 (50%)
FIRST INCIDENCE	---	---	---	92(T)	92(T)	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.500	P=0.095	P=0.008**
POLY 1.5	P=0.000**	(e)	(e)	P=0.500	P=0.095	P=0.008**
POLY 6	P=0.000**	(e)	(e)	P=0.500	P=0.095	P=0.008**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.500	P=0.105	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.159	P=0.025*	P<0.001**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: Epidermis, SOA</b>						
<b>Ulcer</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	92(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.584	(e)	(e)	(e)	P=0.500	(e)
POLY 1.5	P=0.584	(e)	(e)	(e)	P=0.500	(e)
POLY 6	P=0.584	(e)	(e)	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.585	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.356	(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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:01

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: SOA</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	7/10 (70%)	8/10 (80%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	7/10.00	8/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	70%	80%	90%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	7/10 (70%)	8/10 (80%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	---	92(T)	92(T)	92(T)	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	P=0.000**	P=0.000**	P=0.000**	P=NA
POLY 1.5	P=0.000**	(e)	P=0.000**	P=0.000**	P=0.000**	P=NA
POLY 6	P=0.000**	(e)	P=0.000**	P=0.000**	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.002**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.000**	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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: SOA</b>						
<b>Parakeratosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	2/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	20%	90%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	92(T)	92(T)	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.227	P=0.000**	P=NA
POLY 1.5	P=0.000**	(e)	(e)	P=0.227	P=0.000**	P=NA
POLY 6	P=0.000**	(e)	(e)	P=0.227	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.237	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.067	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: SOA</b>						
<b>Ulcer</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	2/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	20%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	92(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.410	(e)	(e)	(e)	P=0.227	(e)
POLY 1.5	P=0.410	(e)	(e)	(e)	P=0.227	(e)
POLY 6	P=0.410	(e)	(e)	(e)	P=0.227	(e)
COCH-ARM / FISHERS	P=0.414	(e)	(e)	(e)	P=0.237	(e)
MAX-ISO-POLY-3	P=0.177	(e)	(e)	(e)	P=0.067	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: SOA, Sebaceous Gland Hypertrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	8/10 (80%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	2/10.00	8/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	20%	80%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	8/10 (80%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	92(T)	92(T)	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.227	P=0.000**	P=NA
POLY 1.5	P=0.000**	(e)	(e)	P=0.227	P=0.000**	P=NA
POLY 6	P=0.000**	(e)	(e)	P=0.227	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.237	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.067	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	MALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Thyroid Gland</b>						
<b>Ultimobranchial Cyst</b>						
<b>LESION RATES</b>						
OVERALL(a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	20%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.702
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.702
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.702
COCH-ARM / FISHERS	P=0.610	(e)	(e)	(e)	(e)	P=0.709N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=1.000
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Bone Marrow</b>						
<b>Inflammation Granulomatous</b>						
<b>LESION RATES</b>						
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	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Clitoral Gland</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	7/10 (70%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	7/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	70%	0%	0%	0%	0%	30%
TERMINAL (d)	7/10 (70%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.082N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.082N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.082N
COCH-ARM / FISHERS	P=0.059N	(e)	(e)	(e)	(e)	P=0.089N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.032N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Heart: Myocardium</b>						
<b>Cardiomyopathy</b>						
<b>LESION RATES</b>						
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	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Heart: Myocardium</b>						
<b>Hemorrhage</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Intestine Large, Colon</b>						
<b>Parasite Metazoan</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Intestine Large, Rectum</b>						
<b>Parasite Metazoan</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Kidney</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Kidney</b>						
<b>Mineralization</b>						
<b>LESION RATES</b>						
OVERALL(a)	8/10 (80%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/10 (80%)
POLY-3 RATE (b)	8/10.00	0/0.00	0/0.00	0/0.00	0/0.00	8/10.00
POLY-3 PERCENT (g)	80%	0%	0%	0%	0%	80%
TERMINAL (d)	8/10 (80%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/10 (80%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.702
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.702
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.702
COCH-ARM / FISHERS	P=0.610	(e)	(e)	(e)	(e)	P=0.709N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=1.000
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Kidney: Renal Tubule Regeneration</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Liver</b>						
<b>Hepatodiaphragmatic Nodule</b>						
<b>LESION RATES</b>						
OVERALL(a)	3/10 (30%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	3/10.00	1/1.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	30%	100%	0%	0%	0%	20%
TERMINAL (d)	3/10 (30%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	92(T)	92(T)	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.384	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	P=0.384	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	P=0.384	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.292N	P=0.364	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.153	(e)	(e)	(e)	P=0.311N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Liver</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/1.00	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%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.288	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Liver</b>						
<b>Inflammation Granulomatous</b>						
<b>LESION RATES</b>						
OVERALL(a)	3/10 (30%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
POLY-3 RATE (b)	3/10.00	0/1.00	0/0.00	0/0.00	0/0.00	4/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	40%
TERMINAL (d)	3/10 (30%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.689N	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	P=0.689N	(e)	(e)	(e)	P=0.500
POLY 6	(e)	P=0.689N	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.356	P=0.727N	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	P=0.330N	(e)	(e)	(e)	P=0.327
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Liver: Centrilobular</b>						
<b>Vacuolization Cytoplasmic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/1.00	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%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Lung</b>						
<b>Mineralization</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Lung: Alveolar Epith Inflammation Chronic</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Lung: Alveolus</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
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	92(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Lung: Perivascular Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	4/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	40%	0%	0%	0%	0%	30%
TERMINAL (d)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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=0.407N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.327N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Lung: Serosa</b>						
<b>Fibrosis</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Nose</b>						
<b>Infiltration Cellular</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	20%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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=0.377	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.274
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Ovary</b>						
<b>Mineralization</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/2 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/2.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/2 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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=0.256	(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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Ovary: Follicle Cyst</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	1/1 (100%)	0/1 (0%)	0/2 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/1.00	0/1.00	0/2.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/1 (100%)	0/1 (0%)	0/2 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	92(T)	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.091	(e)	(e)	(e)	(e)
POLY 1.5	(e)	P=0.091	(e)	(e)	(e)	(e)
POLY 6	(e)	P=0.091	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.387N	P=0.091	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.000**	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Ovary: Periovarn Tiss Cyst</b>						
<b>LESION RATES</b>						
OVERALL(a)	4/10 (40%)	0/1 (0%)	1/1 (100%)	2/2 (100%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	4/10.00	0/1.00	1/1.00	2/2.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	40%	0%	100%	100%	0%	10%
TERMINAL (d)	4/10 (40%)	0/1 (0%)	1/1 (100%)	2/2 (100%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	92(T)	---	92(T)	92(T)	---	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.609N	P=0.463	P=0.215	(e)	P=0.148N
POLY 1.5	(e)	P=0.609N	P=0.463	P=0.215	(e)	P=0.148N
POLY 6	(e)	P=0.609N	P=0.463	P=0.215	(e)	P=0.148N
COCH-ARM / FISHERS	P=0.061N	P=0.636N	P=0.455	P=0.227	(e)	P=0.152N
MAX-ISO-POLY-3	(e)	P=0.292N	P=0.206	P=0.111	(e)	P=0.059N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Pancreas</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
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	92(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Pancreas</b>						
<b>Regeneration</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: Dermis, SOA</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	8/10 (80%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	8/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	10%	80%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	8/10 (80%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	92(T)	92(T)	92(T)	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	P=0.500	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	P=0.500	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	(e)	P=0.500	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.500	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.159	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: Epidermis, SOA</b>						
<b>Erosion</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: Epidermis, SOA</b>						
<b>Inflammation</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	3/10 (30%)	7/10 (70%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	3/10.00	7/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	30%	70%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	3/10 (30%)	7/10 (70%)
FIRST INCIDENCE	---	---	---	92(T)	92(T)	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.500	P=0.095	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	P=0.500	P=0.095	P=0.000**
POLY 6	P=0.000**	(e)	(e)	P=0.500	P=0.095	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.500	P=0.105	P=0.002**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.159	P=0.025*	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: Epidermis, SOA</b>						
<b>Ulcer</b>						
<b>LESION RATES</b>						
<b>OVERALL(a)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	0%	0%	0%	10%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
<b>FIRST INCIDENCE</b>	---	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	P=0.107	(e)	(e)	(e)	(e)	P=0.500
<b>POLY 1.5</b>	P=0.107	(e)	(e)	(e)	(e)	P=0.500
<b>POLY 6</b>	P=0.107	(e)	(e)	(e)	(e)	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.105	(e)	(e)	(e)	(e)	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.075	(e)	(e)	(e)	(e)	P=0.159
<b>HISTCONT SAME RTE</b>						
<b>HISTCONT ALL RTES</b>						
<b>CURR VS HC SAME RTE</b>						
<b>CURR VS HC ALL RTES</b>						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: SOA</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
<b>OVERALL(a)</b>	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00	10/10.00	10/10.00	10/10.00	10/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	100%	100%	100%	100%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
<b>FIRST INCIDENCE</b>	---	---	92(T)	92(T)	92(T)	92(T)
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	P=0.000**	(e)	P=NA	P=NA	P=NA	P=NA
<b>POLY 1.5</b>	P=0.000**	(e)	P=NA	P=NA	P=NA	P=NA
<b>POLY 6</b>	P=0.000**	(e)	P=NA	P=NA	P=NA	P=NA
<b>COCH-ARM / FISHERS</b>	P=0.000**	(e)	P=0.000**	P=0.000**	P=0.000**	P=0.000**
<b>MAX-ISO-POLY-3</b>	P=0.000**	(e)	(e)	(e)	(e)	(e)
<b>HISTCONT SAME RTE</b>						
<b>HISTCONT ALL RTES</b>						
<b>CURR VS HC SAME RTE</b>						
<b>CURR VS HC ALL RTES</b>						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: SOA</b>						
<b>Parakeratosis</b>						
<b>LESION RATES</b>						
<b>OVERALL(a)</b>	0/10 (0%)	0/10 (0%)	2/10 (20%)	8/10 (80%)	9/10 (90%)	10/10 (100%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00	2/10.00	8/10.00	9/10.00	10/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	20%	80%	90%	100%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	2/10 (20%)	8/10 (80%)	9/10 (90%)	10/10 (100%)
<b>FIRST INCIDENCE</b>	---	---	92(T)	92(T)	92(T)	92(T)
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	P=0.000**	(e)	P=0.227	P=0.000**	P=0.000**	P=NA
<b>POLY 1.5</b>	P=0.000**	(e)	P=0.227	P=0.000**	P=0.000**	P=NA
<b>POLY 6</b>	P=0.000**	(e)	P=0.227	P=0.000**	P=0.000**	P=NA
<b>COCH-ARM / FISHERS</b>	P=0.000**	(e)	P=0.237	P=0.000**	P=0.000**	P=0.000**
<b>MAX-ISO-POLY-3</b>	P=0.000**	(e)	P=0.067	P=0.000**	P=0.000**	(e)
<b>HISTCONT SAME RTE</b>						
<b>HISTCONT ALL RTES</b>						
<b>CURR VS HC SAME RTE</b>						
<b>CURR VS HC ALL RTES</b>						



Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: SOA</b>						
<b>Ulcer</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	0/10.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%	20%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	92(T)	---	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.036*	(e)	(e)	P=0.500	(e)	P=0.227
POLY 1.5	P=0.036*	(e)	(e)	P=0.500	(e)	P=0.227
POLY 6	P=0.036*	(e)	(e)	P=0.500	(e)	P=0.227
COCH-ARM / FISHERS	P=0.038*	(e)	(e)	P=0.500	(e)	P=0.237
MAX-ISO-POLY-3	P=0.034*	(e)	(e)	P=0.159	(e)	P=0.067
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Oleic acid diethanolamine condensate  
 CAS Number: 93-83-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 08:03:02  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin: SOA, Sebaceous Gland Hypertrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	6/10 (60%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	6/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	60%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	6/10 (60%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	92(T)	92(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	P<0.001**	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	P<0.001**	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	P<0.001**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.005**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(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: 91014-01  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:03:02

First Dose M/F: NA / NA

Lab: BAT

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

DOSE	FEMALE					
	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Thyroid Gland</b>						
<b>Ultimobranchial Cyst</b>						
<b>LESION RATES</b>						
OVERALL(a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	20%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
<b>STATISTICAL TESTS</b>						
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=0.398N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.311N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Experiment Number:** 91014-01  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N

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

**Test Compound:** Oleic acid diethanolamine condensate

**CAS Number:** 93-83-4

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:03:02

**First Dose M/F:** NA / NA

**Lab:** BAT

**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 \*\***