

Experiment Number: 91014-02
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

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: 13:16:32

First Dose M/F: NA / NA

Lab: BAT

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

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

MALE MOUSE

Organ

Bone Marrow: Myeloid Cell

Skin: Dermis, SOA

Skin: Epidermis, SOA

Skin: SOA

Skin: SOA, Sebaceous GI

Spleen

FEMALE MOUSE

Organ

Bone Marrow: Myeloid Cell

Skin: Dermis, SOA

Skin: Epidermis, SOA

Skin: SOA

Skin: SOA, Sebaceous GI

Spleen

Morphology

Hyperplasia

Inflammation Chronic

Hyperplasia

Inflammation

Parakeratosis

Ulcer

Hypertrophy

Hematopoietic Cell Proliferation

Morphology

Hyperplasia

Inflammation Chronic

Hyperplasia

Inflammation

Parakeratosis

Ulcer

Hypertrophy

Hematopoietic Cell Proliferation

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Bone Marrow: Myeloid Cell Hyperplasia						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	7/10 (70%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	7/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	70%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/9 (67%)
FIRST INCIDENCE	---	---	---	---	---	8
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P=0.002**
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						

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First Dose M/F: NA / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Kidney						
Mineralization						
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	0/9.00
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%)	0/9 (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: 91014-02
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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Lung						
Inflammation Granulomatous 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	0/9.00
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%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Oleic acid diethanolamine condensate
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Mesentery: Fat						
Necrosis						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: Dermis, SOA						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	9/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	90%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	8
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P<0.001**	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)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Oleic acid diethanolamine condensate
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 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: Epidermis, SOA						
Hyperplasia						
LESION RATES						
OVERALL(a)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	9/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	90%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	8
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P<0.001**	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)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: Epidermis, SOA						
Inflammation						
LESION RATES						
OVERALL(a)	0/10 (0%)	9/10 (90%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	9/10.00	9/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	90%	90%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	9/10 (90%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	8
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.000**	P=0.000**	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=0.000**	P=NA	P=NA	P=NA
POLY 6	P=0.000**	P=0.000**	P=0.000**	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P<0.001**	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**	P=0.000**	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: Epidermis, SOA						
Parakeratosis						
LESION RATES						
OVERALL(a)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	9/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	90%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	8
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P<0.001**	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)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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First Dose M/F: NA / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: SOA						
Erosion						
LESION RATES						
OVERALL(a)	0/10 (0%)	2/10 (20%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	2/10.00	1/10.00	0/10.00	0/10.00	0/9.00
POLY-3 PERCENT (g)	0%	20%	10%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	---	92(T)	92(T)	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.207N	P=0.227	P=0.500	(e)	(e)	(e)
POLY 1.5	P=0.207N	P=0.227	P=0.500	(e)	(e)	(e)
POLY 6	P=0.207N	P=0.227	P=0.500	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.209N	P=0.237	P=0.500	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.321N	P=0.067	P=0.159	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: SOA						
Ulcer						
LESION RATES						
OVERALL(a)	0/10 (0%)	2/10 (20%)	6/10 (60%)	9/10 (90%)	8/10 (80%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	2/10.00	6/10.00	9/10.00	8/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	60%	90%	80%	100%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	6/10 (60%)	9/10 (90%)	8/10 (80%)	9/9 (100%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	8
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.227	P<0.001**	P=0.000**	P=0.000**	P=NA
POLY 1.5	P=0.000**	P=0.227	P<0.001**	P=0.000**	P=0.000**	P=NA
POLY 6	P=0.000**	P=0.227	P<0.001**	P=0.000**	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	P=0.237	P=0.005**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.067	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						

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 CAS Number: 93-83-4

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 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: SOA, Sebaceous Gland Hypertrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	9/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	90%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	8
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P<0.001**	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)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

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 Time Report Requested: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Spleen						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL(a)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	9/10 (90%)
POLY-3 RATE (b)	0/9.00	0/0.00	0/0.00	0/0.00	1/1.00	9/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	100%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	9/9 (100%)
FIRST INCIDENCE	---	---	---	---	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.1	P=0.000**
POLY 1.5	(e)	(e)	(e)	(e)	P=0.1	P=0.000**
POLY 6	(e)	(e)	(e)	(e)	P=0.1	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.100	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Stomach, Forestomach: Epithelium						
Mineralization						
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	0/9.00
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%)	0/9 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.521N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.520N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.521N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.185N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Stomach, Glandular: Epithelium						
Mineralization						
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	0/9.00
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%)	0/9 (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: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32

First Dose M/F: NA / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Thymus						
Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.1%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	8
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.479
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.479
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.479
COCH-ARM / FISHERS	P=0.285	(e)	(e)	(e)	(e)	P=0.474
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.152
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32

First Dose M/F: NA / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Bone Marrow: Myeloid Cell Hyperplasia						
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	---	---	---	---	---	92(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: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32

First Dose M/F: NA / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Kidney						
Mineralization						
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	---	---	---	---	---	92(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: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Lung						
Inflammation Granulomatous 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	92(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: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32

First Dose M/F: NA / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Mesentery: Fat						
Necrosis						
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	---	---	---	---	---	92(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: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: Dermis, SOA						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/10 (0%)	8/10 (80%)	10/10 (100%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	8/10.00	10/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	80%	100%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	8/10 (80%)	10/10 (100%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P<0.001**	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)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: Epidermis, SOA						
Hyperplasia						
LESION RATES						
OVERALL(a)	0/10 (0%)	9/10 (90%)	10/10 (100%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	9/10.00	10/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	90%	100%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	9/10 (90%)	10/10 (100%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P<0.001**	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)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: Epidermis, SOA						
Inflammation						
LESION RATES						
OVERALL(a)	0/10 (0%)	1/10 (10%)	8/10 (80%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	1/10.00	8/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	10%	80%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	8/10 (80%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.500	P=0.000**	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.500	P=0.000**	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	P=0.500	P=0.000**	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	P=0.500	P=0.000**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.159	P=0.000**	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: Epidermis, SOA						
Parakeratosis						
LESION RATES						
OVERALL(a)	0/10 (0%)	3/10 (30%)	10/10 (100%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	3/10.00	10/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	30%	100%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	3/10 (30%)	10/10 (100%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.095	P=NA	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.095	P=NA	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	P=0.095	P=NA	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	P=0.105	P=0.000**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.025*	(e)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: SOA						
Erosion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	2/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	20%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	92(T)	92(T)	---
STATISTICAL TESTS						
POLY 3	P=0.478	(e)	(e)	P=0.500	P=0.227	(e)
POLY 1.5	P=0.478	(e)	(e)	P=0.500	P=0.227	(e)
POLY 6	P=0.478	(e)	(e)	P=0.500	P=0.227	(e)
COCH-ARM / FISHERS	P=0.478	(e)	(e)	P=0.500	P=0.237	(e)
MAX-ISO-POLY-3	P=0.274	(e)	(e)	P=0.159	P=0.067	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: SOA						
Ulcer						
LESION RATES						
OVERALL(a)	0/10 (0%)	1/10 (10%)	5/10 (50%)	8/10 (80%)	6/10 (60%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	1/10.00	5/10.00	8/10.00	6/10.00	9/10.00
POLY-3 PERCENT (g)	0%	10%	50%	80%	60%	90%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	5/10 (50%)	8/10 (80%)	6/10 (60%)	9/10 (90%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.500	P=0.008**	P=0.000**	P<0.001**	P=0.000**
POLY 1.5	P=0.000**	P=0.500	P=0.008**	P=0.000**	P<0.001**	P=0.000**
POLY 6	P=0.000**	P=0.500	P=0.008**	P=0.000**	P<0.001**	P=0.000**
COCH-ARM / FISHERS	P=0.000**	P=0.500	P=0.016*	P=0.000**	P=0.005**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.159	P<0.001**	P=0.000**	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Skin: SOA, Sebaceous Gland Hypertrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	8/10 (80%)	10/10 (100%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	8/10.00	10/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	80%	100%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	8/10 (80%)	10/10 (100%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P<0.001**	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)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32

First Dose M/F: NA / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Spleen						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/5 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	5/5.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/5 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=NA	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	P=NA	P=NA
POLY 6	(e)	(e)	(e)	(e)	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.000**	P=0.000**
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: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Stomach, Forestomach: Epithelium						
Mineralization						
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	---	---	---	---	---	92(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: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Stomach, Glandular: Epithelium						
Mineralization						
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	---	---	---	---	---	92(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: 91014-02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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: 13:16:32
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
Thymus						
Atrophy						
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: 91014-02
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

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: 13:16:32
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 ****