

**Experiment Number:** 55323-02  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

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

**Test Compound:** Lauric acid diethanolamine condensate

**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 19:31:56

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

**Lab:** BAT

<b>C Number:</b>	C55323B
<b>Lock Date:</b>	08/11/1992
<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

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

**MALE MOUSE**

**Organ**

Skin: Epidermis, SOA

Skin: SOA

Skin: SOA, Sebaceous GI

**FEMALE MOUSE**

**Organ**

Skin: Epidermis, SOA

Skin: SOA

Skin: SOA, Sebaceous GI

**Morphology**

Hyperplasia

Inflammation Chronic

Parakeratosis

Ulcer

Hyperplasia

**Morphology**

Hyperplasia

Inflammation Chronic

Parakeratosis

Ulcer

Hyperplasia

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

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
<b>Kidney: Renal Tubule Regeneration</b>						
<b>LESION RATES</b>						
OVERALL(a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	30%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	93(T)	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.678
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.678
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.678
COCH-ARM / FISHERS	P=0.596	(e)	(e)	(e)	(e)	P=0.686N
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						

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

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

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
<b>Liver</b>						
<b>Necrosis</b>						
<b>LESION RATES</b>						
<b>OVERALL(a)</b>	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	20%	0%	0%	0%	0%	0%
<b>TERMINAL (d)</b>	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
<b>FIRST INCIDENCE</b>	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	(e)	(e)	(e)	(e)	(e)	P=0.227N
<b>POLY 1.5</b>	(e)	(e)	(e)	(e)	(e)	P=0.227N
<b>POLY 6</b>	(e)	(e)	(e)	(e)	(e)	P=0.227N
<b>COCH-ARM / FISHERS</b>	P=0.132N	(e)	(e)	(e)	(e)	P=0.237N
<b>MAX-ISO-POLY-3</b>	(e)	(e)	(e)	(e)	(e)	P=0.067N
<b>HISTCONT SAME RTE</b>						
<b>HISTCONT ALL RTES</b>						
<b>CURR VS HC SAME RTE</b>						
<b>CURR VS HC ALL RTES</b>						

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 Route: SKIN APPLICATION  
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 Test Compound: Lauric 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 14286 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
<b>Parathyroid Gland</b>						
<b>Cyst</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/9 (11%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/9.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	11.1%	0%	0%	0%	0%	0%
TERMINAL (d)	1/9 (11%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.479N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.479N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.479N
COCH-ARM / FISHERS	P=0.285N	(e)	(e)	(e)	(e)	P=0.474N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.152N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
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**CAS Number:** 120-40-1

Date Report Requested: 10/20/2014  
 Time Report Requested: 19:31:56  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
<b>Skin: Epidermis, SOA</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	6/10 (60%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	6/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	10%	60%	90%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	6/10 (60%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	---	93(T)	93(T)	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	P=0.500	P<0.001**	P=0.000**	P=NA
POLY 1.5	P=0.000**	(e)	P=0.500	P<0.001**	P=0.000**	P=NA
POLY 6	P=0.000**	(e)	P=0.500	P<0.001**	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.500	P=0.005**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.159	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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 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
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 CAS Number: 120-40-1

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 Time Report Requested: 19:31:56  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
<b>Skin: SOA</b>						
<b>Inflammation Chronic</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	---	---	---	93(T)	93(T)	93(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						

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 Lab: BAT

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

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
<b>Skin: SOA</b>						
<b>Parakeratosis</b>						
<b>LESION RATES</b>						
<b>OVERALL(a)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	8/10 (80%)	10/10 (100%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00	0/10.00	2/10.00	8/10.00	10/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	0%	20%	80%	100%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	8/10 (80%)	10/10 (100%)
<b>FIRST INCIDENCE</b>	---	---	---	93(T)	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	P=0.000**	(e)	(e)	P=0.227	P=0.000**	P=NA
<b>POLY 1.5</b>	P=0.000**	(e)	(e)	P=0.227	P=0.000**	P=NA
<b>POLY 6</b>	P=0.000**	(e)	(e)	P=0.227	P=0.000**	P=NA
<b>COCH-ARM / FISHERS</b>	P=0.000**	(e)	(e)	P=0.237	P=0.000**	P=0.000**
<b>MAX-ISO-POLY-3</b>	P=0.000**	(e)	(e)	P=0.067	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>						



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

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
<b>Skin: 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%)	5/10 (50%)	10/10 (100%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00	0/10.00	0/10.00	5/10.00	10/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	0%	0%	50%	100%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)	10/10 (100%)
<b>FIRST INCIDENCE</b>	---	---	---	---	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	P=0.000**	(e)	(e)	(e)	P=0.008**	P=NA
<b>POLY 1.5</b>	P=0.000**	(e)	(e)	(e)	P=0.008**	P=NA
<b>POLY 6</b>	P=0.000**	(e)	(e)	(e)	P=0.008**	P=NA
<b>COCH-ARM / FISHERS</b>	P=0.000**	(e)	(e)	(e)	P=0.016*	P=0.000**
<b>MAX-ISO-POLY-3</b>	P=0.000**	(e)	(e)	(e)	P<0.001**	(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>						

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

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	800 MG/KG
<b>Skin: SOA, Sebaceous Gland Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	8/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	80%	90%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	93(T)	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.000**	P=0.000**	P=NA
POLY 1.5	P=0.000**	(e)	(e)	P=0.000**	P=0.000**	P=NA
POLY 6	P=0.000**	(e)	(e)	P=0.000**	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.000**	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN 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
<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	---	---	---	---	---	93(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						

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**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
Liver						
Necrosis						
<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: 55323-02  
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 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
<b>Parathyroid Gland</b>						
<b>Cyst</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/7 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/7.00	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)	0/7 (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: 55323-02  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

Date Report Requested: 10/20/2014  
 Time Report Requested: 19:31:56  
 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
<b>Skin: Epidermis, SOA</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	8/10 (80%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	8/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	20%	80%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	8/10 (80%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	93(T)	93(T)	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	P=0.227	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	P=0.227	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	(e)	P=0.227	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.237	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.067	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 55323-02  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Lauric acid diethanolamine condensate  
 CAS Number: 120-40-1

Date Report Requested: 10/20/2014  
 Time Report Requested: 19:31:56  
 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
<b>Skin: SOA</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	93(T)	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	(e)	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	(e)	(e)	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 55323-02  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

Date Report Requested: 10/20/2014  
 Time Report Requested: 19:31:56  
 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
<b>Skin: SOA</b>						
<b>Parakeratosis</b>						
<b>LESION RATES</b>						
<b>OVERALL(a)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	8/10 (80%)	10/10 (100%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00	0/10.00	1/10.00	8/10.00	10/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	0%	10%	80%	100%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	8/10 (80%)	10/10 (100%)
<b>FIRST INCIDENCE</b>	---	---	---	93(T)	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	P=0.000**	(e)	(e)	P=0.500	P=0.000**	P=NA
<b>POLY 1.5</b>	P=0.000**	(e)	(e)	P=0.500	P=0.000**	P=NA
<b>POLY 6</b>	P=0.000**	(e)	(e)	P=0.500	P=0.000**	P=NA
<b>COCH-ARM / FISHERS</b>	P=0.000**	(e)	(e)	P=0.500	P=0.000**	P=0.000**
<b>MAX-ISO-POLY-3</b>	P=0.000**	(e)	(e)	P=0.159	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: 55323-02  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: Lauric acid diethanolamine condensate  
 CAS Number: 120-40-1

Date Report Requested: 10/20/2014  
 Time Report Requested: 19:31:56  
 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
<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%)	7/10 (70%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	7/10.00	8/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	70%	80%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)	8/10 (80%)
FIRST INCIDENCE	---	---	---	---	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.000**	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.000**	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.000**	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.002**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(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: 55323-02  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

Date Report Requested: 10/20/2014  
 Time Report Requested: 19:31:56  
 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
<b>Skin: SOA, Sebaceous GI</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	20%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	93(T)	93(T)	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	P=0.227	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	P=0.227	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	(e)	P=0.227	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.237	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.067	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Experiment Number:** 55323-02  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:31:56  
**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 \*\***