

Experiment Number: 20316 - 02
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cedarwood oil
CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
Time Report Requested: 14:15:03
First Dose M/F: 06/14/05 / 06/13/05
Lab: BAT

F1_Rev.2_M3 0% Vehicle (without High Dose)

NTP Study Number: C20316

Lock Date: 03/06/2006

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups:

Include 003 0 %	Include 004 0 %	Include 005 6.25 %
Include 006 6.25 %	Include 007 12.5 %	Include 008 12.5 %
Include 009 25 %	Include 010 25 %	Include 011 50 %
Include 012 50 %		

Study Gender: Both

TDMSE Version: 3.0.2.3_002

PWG Approval Date: NONE

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

MALE MICE

Organ

Bone Marrow: Myeloid Cell

Liver

Liver: Hepatocyte

Lymph Node, Mandibular

Skin: Hair Follicle, Site of Application

Skin: Sebaceous Gland, Site of Application

Skin: Site of Application - Dermis

Skin: Site of Application - Epidermis

Skin: Site of Application

Spleen

Thymus

FEMALE MICE

Organ

Bone Marrow: Myeloid Cell

Liver: Hepatocyte

Lymph Node, Mandibular

Skin: Hair Follicle, Site of Application

Skin: Sebaceous Gland, Site of Application

Skin: Site of Application - Dermis

Skin: Site of Application - Epidermis

Skin: Site of Application

Spleen

Morphology

Hyperplasia

Inflammation Chronic

Depletion Glycogen

Hyperplasia Lymphoid

Hyperplasia

Hyperplasia

Fibrosis

Hyperkeratosis

Hyperplasia

Ulcer

Inflammation Chronic

Hematopoietic Cell Proliferation

Atrophy

Morphology

Hyperplasia

Depletion Glycogen

Hyperplasia Lymphoid

Hyperplasia

Hyperplasia

Fibrosis

Hyperkeratosis

Hyperplasia

Ulcer

Inflammation Chronic

Hematopoietic Cell Proliferation

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Adrenal Cortex					
Accessory Adrenal Cortical Nodule					
<hr/>					
LESION RATES					
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.64	0/0.00	2/9.57
POLY-3 PERCENT (g)	20%	0%	0%	0%	20.9%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/9 (22%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)
<hr/>					
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.827N	(e)	P=0.686
POLY 1.5	(e)	(e)	P=0.809N	(e)	P=0.693
POLY 6	(e)	(e)	P=0.849N	(e)	P=0.677
COCH-ARM / FISHERS	P=0.591	(e)	P=0.818N	(e)	P=0.709N
MAX-ISO-POLY-3	(e)	(e)	P=0.413N	(e)	P=0.479

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Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Bone Marrow: Myeloid Cell Hyperplasia					
LESION RATES					
OVERALL (a)	0/10 (0%)	5/10 (50%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	5/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	50%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	5/10 (50%)	9/9 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.008**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.008**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.008**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.016*	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	(e)	(e)	(e)

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First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Intestine Small, Jejunum Diverticulum					
LESION RATES					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.64	0/0.00	0/9.57
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

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Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Kidney Nephropathy					
LESION RATES					
OVERALL (a)	2/10 (20%)	0/10 (0%)	1/10 (10%)	2/10 (20%)	3/10 (30%)
POLY-3 RATE (b)	2/10.00	0/10.00	1/9.64	2/10.00	3/10.00
POLY-3 PERCENT (g)	20%	0%	10.4%	20%	30%
TERMINAL (d)	2/10 (20%)	0/10 (0%)	1/9 (11%)	2/10 (20%)	2/9 (22%)
FIRST INCIDENCE	93 (T)	---	93 (T)	93 (T)	77
STATISTICAL TESTS					
POLY 3	P=0.143	P=0.227N	P=0.513N	P=0.702	P=0.500
POLY 1.5	P=0.142	P=0.227N	P=0.507N	P=0.702	P=0.500
POLY 6	P=0.144	P=0.227N	P=0.522N	P=0.702	P=0.500
COCH-ARM / FISHERS	P=0.138	P=0.237N	P=0.500N	P=0.709N	P=0.500
MAX-ISO-POLY-3	P=0.113	P=0.066N	P=0.288N	P=1.000	P=0.310

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
<hr/>					
Liver					
Hematopoietic Cell Proliferation					
<hr/>					
LESION RATES					
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/9.64	0/10.00	1/9.57
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.5%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	93 (T)
<hr/>					
STATISTICAL TESTS					
POLY 3	P=0.140	(e)	(e)	(e)	P=0.491
POLY 1.5	P=0.142	(e)	(e)	(e)	P=0.495
POLY 6	P=0.138	(e)	(e)	(e)	P=0.486
COCH-ARM / FISHERS	P=0.142	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.056	(e)	(e)	(e)	P=0.158

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Liver					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	7/10 (70%)	6/10 (60%)	8/10 (80%)	7/10 (70%)	2/10 (20%)
POLY-3 RATE (b)	7/10.00	6/10.00	8/9.64	7/10.00	2/9.57
POLY-3 PERCENT (g)	70%	60%	83%	70%	20.9%
TERMINAL (d)	7/10 (70%)	6/10 (60%)	8/9 (89%)	7/10 (70%)	2/9 (22%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS					
POLY 3	P=0.012N*	P=0.500N	P=0.443	P=0.678	P=0.030N*
POLY 1.5	P=0.011N*	P=0.500N	P=0.469	P=0.678	P=0.027N*
POLY 6	P=0.014N*	P=0.500N	P=0.403	P=0.678	P=0.034N*
COCH-ARM / FISHERS	P=0.012N*	P=0.500N	P=0.500	P=0.686N	P=0.035N*
MAX-ISO-POLY-3	P=0.010N**	P=0.325N	P=0.256	P=1.000	P=0.010N**

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Liver					
Necrosis Focal					
LESION RATES					
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/9.64	0/10.00	1/9.57
POLY-3 PERCENT (g)	10%	0%	0%	0%	10.5%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/9 (11%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)
STATISTICAL TESTS					
POLY 3	P=0.496	P=0.500N	P=0.507N	P=0.500N	P=0.751
POLY 1.5	P=0.498	P=0.500N	P=0.504N	P=0.500N	P=0.755
POLY 6	P=0.494	P=0.500N	P=0.512N	P=0.500N	P=0.745
COCH-ARM / FISHERS	P=0.500	P=0.500N	P=0.500N	P=0.500N	P=0.763N
MAX-ISO-POLY-3	P=0.197	P=0.158N	P=0.168N	P=0.158N	P=0.486

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Liver					
Tension Lipidosis					
LESION RATES					
OVERALL (a)	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	0/9.64	0/10.00	0/9.57
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Liver: Hepatocyte Depletion Glycogen					
LESION RATES					
OVERALL (a)	0/10 (0%)	0/10 (0%)	6/10 (60%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	6/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	60%	90%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	5/9 (56%)	9/10 (90%)	9/9 (100%)
FIRST INCIDENCE	---	---	80	93 (T)	77
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.005**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P<0.001**	P<0.001**	(e)

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
<hr/>					
Lung Thrombosis					
<hr/>					
LESION RATES					
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.64	0/0.00	0/9.57
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.927N	(e)	P=0.509N
POLY 1.5	(e)	(e)	P=0.921N	(e)	P=0.505N
POLY 6	(e)	(e)	P=0.934N	(e)	P=0.514N
COCH-ARM / FISHERS	P=0.310N	(e)	P=0.909N	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	P=0.441N	(e)	P=0.169N

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Lab: BAT

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TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
<hr/>					
Lymph Node					
Hyperplasia Lymphoid					
<hr/>					
LESION RATES					
OVERALL (a)	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
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Lymph Node, Mandibular Hyperplasia Lymphoid					
LESION RATES					
OVERALL (a)	0/10 (0%)	1/10 (10%)	6/10 (60%)	5/9 (56%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	1/10.00	6/10.00	5/9.00	9/10.00
POLY-3 PERCENT (g)	0%	10%	60%	55.6%	90%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	5/9 (56%)	5/9 (56%)	8/9 (89%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.500	P<0.001**	P=0.003**	P<0.001**
POLY 1.5	P<0.001**	P=0.500	P<0.001**	P=0.003**	P<0.001**
POLY 6	P<0.001**	P=0.500	P<0.001**	P=0.003**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.005**	P=0.011*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.158	P<0.001**	P<0.001**	P<0.001**

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Lymph Node: Axillary Hyperplasia Lymphoid					
LESION RATES					
OVERALL (a)	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
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	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)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Mesentery: Fat Fibrosis					
LESION RATES					
OVERALL (a)	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	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
FIRST INCIDENCE	---	---	---	---	93 (T)
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Mesentery: Fat Necrosis					
LESION RATES					
OVERALL (a)	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	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
FIRST INCIDENCE	---	---	---	---	93 (T)
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Parathyroid Gland Cyst					
LESION RATES					
OVERALL (a)	1/9 (11%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/9.00	0/0.00	0/0.64	0/0.00	0/9.57
POLY-3 PERCENT (g)	11.1%	0%	0%	0%	0%
TERMINAL (d)	1/9 (11%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.914N	(e)	P=0.488N
POLY 1.5	(e)	(e)	P=0.907N	(e)	P=0.484N
POLY 6	(e)	(e)	P=0.922N	(e)	P=0.493N
COCH-ARM / FISHERS	P=0.291N	(e)	P=0.900N	(e)	P=0.474N
MAX-ISO-POLY-3	(e)	(e)	P=0.438N	(e)	P=0.151N

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
<hr/>					
Skin: Hair Follicle, Site of Application					
Dilatation					
<hr/>					
LESION RATES					
OVERALL (a)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.00	0/10.00	0/9.64	0/10.00	1/9.57
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.5%
TERMINAL (d)	0/9 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	93 (T)
<hr/>					
STATISTICAL TESTS					
POLY 3	P=0.145	(e)	(e)	(e)	P=0.512
POLY 1.5	P=0.147	(e)	(e)	(e)	P=0.516
POLY 6	P=0.143	(e)	(e)	(e)	P=0.507
COCH-ARM / FISHERS	P=0.147	(e)	(e)	(e)	P=0.526
MAX-ISO-POLY-3	P=0.060	(e)	(e)	(e)	P=0.167

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Hair Follicle, Site of Application					
Hyperplasia					
LESION RATES					
OVERALL (a)	0/9 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	10/10 (100%)	9/9 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77
STATISTICAL TESTS					
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Sebaceous Gland, Site of Application					
Hyperplasia					
LESION RATES					
OVERALL (a)	0/9 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	10/10 (100%)	9/9 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77
STATISTICAL TESTS					
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Site of Application - Dermis					
Fibrosis					
LESION RATES					
OVERALL (a)	0/9 (0%)	3/10 (30%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	3/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	30%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	3/10 (30%)	9/9 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.114	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.114	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.114	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.124	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.035*	(e)	(e)	(e)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Site of Application - Epidermis					
Hyperkeratosis					
LESION RATES					
OVERALL (a)	0/9 (0%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	7/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	70%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	7/10 (70%)	9/9 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77
STATISTICAL TESTS					
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.002**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	(e)	(e)	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Site of Application - Epidermis					
Hyperplasia					
LESION RATES					
OVERALL (a)	0/9 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	10/10 (100%)	9/9 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77
STATISTICAL TESTS					
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Site of Application - Epidermis					
Ulcer					
LESION RATES					
OVERALL (a)	0/9 (0%)	2/10 (20%)	8/10 (80%)	10/10 (100%)	9/10 (90%)
POLY-3 RATE (b)	0/9.00	2/10.00	8/10.00	10/10.00	9/10.00
POLY-3 PERCENT (g)	0%	20%	80%	100%	90%
TERMINAL (d)	0/9 (0%)	2/10 (20%)	7/9 (78%)	10/10 (100%)	8/9 (89%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.251	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.251	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.251	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.263	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.082	P<0.001**	(e)	P<0.001**

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Site of Application					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/9 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	10/10 (100%)	9/9 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77
STATISTICAL TESTS					
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Spleen					
Hematopoietic Cell Proliferation					
<hr/>					
LESION RATES					
OVERALL (a)	0/10 (0%)	6/10 (60%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	6/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	60%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	6/10 (60%)	9/9 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77
<hr/>					
STATISTICAL TESTS					
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.005**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	(e)	(e)	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Stomach, Glandular Mineralization					
LESION RATES					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.64	0/0.00	0/9.57
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
<hr/>					
Thymus Atrophy					
<hr/>					
LESION RATES					
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/9.64	5/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	50%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/9 (0%)	5/10 (50%)	9/9 (100%)
FIRST INCIDENCE	---	---	---	93 (T)	77
<hr/>					
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	P=0.008**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.008**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.008**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.016*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**	(e)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Thymus					
Ectopic Parathyroid Gland					
LESION RATES					
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/9.64	0/10.00	1/9.57
POLY-3 PERCENT (g)	10%	0%	0%	0%	10.5%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/9 (11%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)
STATISTICAL TESTS					
POLY 3	P=0.496	P=0.500N	P=0.507N	P=0.500N	P=0.751
POLY 1.5	P=0.498	P=0.500N	P=0.504N	P=0.500N	P=0.755
POLY 6	P=0.494	P=0.500N	P=0.512N	P=0.500N	P=0.745
COCH-ARM / FISHERS	P=0.500	P=0.500N	P=0.500N	P=0.500N	P=0.763N
MAX-ISO-POLY-3	P=0.197	P=0.158N	P=0.168N	P=0.158N	P=0.486

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Thyroid Gland					
Ectopic Thymus					
LESION RATES					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.64	0/0.00	0/9.57
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males				
	0 %	6.25 %	12.5 %	25 %	50 %
Thyroid Gland: Follicle Degeneration					
LESION RATES					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.64	0/0.00	1/9.57
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.5%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	93 (T)
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.491
POLY 1.5	(e)	(e)	(e)	(e)	P=0.495
POLY 6	(e)	(e)	(e)	(e)	P=0.486
COCH-ARM / FISHERS	P=0.292	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20316 - 02
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cedarwood oil
CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
Time Report Requested: 14:15:03
First Dose M/F: 06/14/05 / 06/13/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Adrenal Cortex					
Accessory Adrenal Cortical Nodule					
<hr/>					
LESION RATES					
OVERALL (a)	0/10 (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	0/9.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Bone Marrow: Myeloid Cell Hyperplasia					
LESION RATES					
OVERALL (a)	0/10 (0%)	2/10 (20%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	2/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	9/10 (90%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.237	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.066	P<0.001**	(e)	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Intestine Small, Jejunum Diverticulum					
LESION RATES					
OVERALL (a)	0/10 (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	1/9.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.6%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	93 (T)
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.489
POLY 1.5	(e)	(e)	(e)	(e)	P=0.493
POLY 6	(e)	(e)	(e)	(e)	P=0.483
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20316 - 02
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cedarwood oil
CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
Time Report Requested: 14:15:03
First Dose M/F: 06/14/05 / 06/13/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Kidney					
Nephropathy					
LESION RATES					
OVERALL (a)	0/10 (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	1/9.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.6%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	93 (T)
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.489
POLY 1.5	(e)	(e)	(e)	(e)	P=0.493
POLY 6	(e)	(e)	(e)	(e)	P=0.483
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
<hr/>					
Liver					
Hematopoietic Cell Proliferation					
<hr/>					
LESION RATES					
OVERALL (a)	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	0/9.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Liver					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	10/10 (100%)	8/10 (80%)	9/10 (90%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	8/10.00	9/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	100%	80%	90%	90%	100%
TERMINAL (d)	10/10 (100%)	8/10 (80%)	9/10 (90%)	9/10 (90%)	9/9 (100%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	71
STATISTICAL TESTS					
POLY 3	P=0.358	P=0.227N	P=0.500N	P=0.500N	(e)
POLY 1.5	P=0.358	P=0.227N	P=0.500N	P=0.500N	(e)
POLY 6	P=0.358	P=0.227N	P=0.500N	P=0.500N	(e)
COCH-ARM / FISHERS	P=0.356	P=0.237N	P=0.500N	P=0.500N	(e)
MAX-ISO-POLY-3	P=0.207	P=0.066N	P=0.158N	P=0.158N	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
<hr/>					
Liver					
Necrosis Focal					
<hr/>					
LESION RATES					
OVERALL (a)	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	0/9.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Liver					
Tension Lipidosis					
LESION RATES					
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/9.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.6%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	93 (T)
STATISTICAL TESTS					
POLY 3	P=0.138	(e)	(e)	(e)	P=0.489
POLY 1.5	P=0.141	(e)	(e)	(e)	P=0.493
POLY 6	P=0.135	(e)	(e)	(e)	P=0.483
COCH-ARM / FISHERS	P=0.142	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.056	(e)	(e)	(e)	P=0.158

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Liver: Hepatocyte Depletion Glycogen					
LESION RATES					
OVERALL (a)	0/10 (0%)	0/10 (0%)	5/10 (50%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	5/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	50%	90%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	5/10 (50%)	9/10 (90%)	9/9 (100%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	71
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	P=0.008**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.008**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.008**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.016*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P<0.001**	P<0.001**	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Lung Thrombosis					
LESION RATES					
OVERALL (a)	0/10 (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	0/9.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Lymph Node					
Hyperplasia Lymphoid					
LESION RATES					
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	1/2 (50%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	1/1.00	1/1.45
POLY-3 PERCENT (g)	0%	0%	0%	100%	69.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	1/1 (100%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.667N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Lymph Node, Mandibular Hyperplasia Lymphoid					
LESION RATES					
OVERALL (a)	1/10 (10%)	6/10 (60%)	6/10 (60%)	5/10 (50%)	6/10 (60%)
POLY-3 RATE (b)	1/10.00	6/10.00	6/10.00	5/10.00	6/9.45
POLY-3 PERCENT (g)	10%	60%	60%	50%	63.5%
TERMINAL (d)	1/10 (10%)	6/10 (60%)	6/10 (60%)	5/10 (50%)	6/9 (67%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS					
POLY 3	P=0.079	P=0.018*	P=0.018*	P=0.061	P=0.012*
POLY 1.5	P=0.090	P=0.018*	P=0.018*	P=0.061	P=0.014*
POLY 6	P=0.068	P=0.018*	P=0.018*	P=0.061	P=0.010**
COCH-ARM / FISHERS	P=0.115	P=0.029*	P=0.029*	P=0.070	P=0.029*
MAX-ISO-POLY-3	P=0.009**	P=0.004**	P=0.004**	P=0.020*	P=0.003**

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
<hr/>					
Lymph Node: Axillary Hyperplasia Lymphoid					
<hr/>					
LESION RATES					
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	1/2 (50%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/1.00	1/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/1 (0%)
FIRST INCIDENCE	---	---	---	---	71
<hr/>					
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.667	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Mesentery: Fat Fibrosis					
LESION RATES					
OVERALL (a)	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
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	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)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Mesentery: Fat Necrosis					
LESION RATES					
OVERALL (a)	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
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	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)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Parathyroid Gland Cyst					
LESION RATES					
OVERALL (a)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/9.00	0/0.00	0/0.00	0/0.00	0/7.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
<hr/>					
Skin: Hair Follicle, Site of Application					
Dilatation					
<hr/>					
LESION RATES					
OVERALL (a)	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	0/9.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Hair Follicle, Site of Application					
Hyperplasia					
LESION RATES					
OVERALL (a)	0/10 (0%)	3/10 (30%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	3/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	30%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	3/10 (30%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.105	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.025*	(e)	(e)	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Sebaceous Gland, Site of Application					
Hyperplasia					
LESION RATES					
OVERALL (a)	0/10 (0%)	4/10 (40%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	4/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	40%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	4/10 (40%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.033*	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.033*	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.033*	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.043*	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.007**	(e)	(e)	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Site of Application - Dermis					
Fibrosis					
LESION RATES					
OVERALL (a)	0/10 (0%)	2/10 (20%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	2/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.237	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.066	(e)	(e)	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Site of Application - Epidermis					
Hyperkeratosis					
LESION RATES					
OVERALL (a)	0/10 (0%)	2/10 (20%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	2/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.237	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.066	(e)	(e)	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Site of Application - Epidermis					
Hyperplasia					
LESION RATES					
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71
STATISTICAL TESTS					
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Site of Application - Epidermis					
Ulcer					
LESION RATES					
OVERALL (a)	0/10 (0%)	2/10 (20%)	6/10 (60%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	2/10.00	6/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	60%	90%	100%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	6/10 (60%)	9/10 (90%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.237	P=0.005**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.066	P<0.001**	P<0.001**	(e)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Skin: Site of Application					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71
STATISTICAL TESTS					
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Spleen					
Hematopoietic Cell Proliferation					
LESION RATES					
OVERALL (a)	2/10 (20%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	2/10.00	9/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	20%	90%	100%	100%	100%
TERMINAL (d)	2/10 (20%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	71
STATISTICAL TESTS					
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.003**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Stomach, Glandular Mineralization					
LESION RATES					
OVERALL (a)	1/10 (10%)	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	0/9.45
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.511N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.507N
POLY 6	(e)	(e)	(e)	(e)	P=0.517N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.173N

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Thymus Atrophy					
LESION RATES					
OVERALL (a)	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	0/9.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Thymus					
Ectopic Parathyroid Gland					
LESION RATES					
OVERALL (a)	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	0/9.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Thyroid Gland					
Ectopic Thymus					
LESION RATES					
OVERALL (a)	1/10 (10%)	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	0/9.45
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.511N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.507N
POLY 6	(e)	(e)	(e)	(e)	P=0.517N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.173N

Experiment Number: 20316 - 02
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cedarwood oil
 CAS Number: 8000-27-9

Date Report Requested: 03/30/2016
 Time Report Requested: 14:15:03
 First Dose M/F: 06/14/05 / 06/13/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Thyroid Gland: Follicle Degeneration					
LESION RATES					
OVERALL (a)	0/10 (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	0/9.45
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

Time Report Requested: 14:15:03

First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
<hr/>					
Uterus					
Decidual Reaction					
<hr/>					
LESION RATES					
OVERALL (a)	1/10 (10%)	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	0/9.45
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.511N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.507N
POLY 6	(e)	(e)	(e)	(e)	P=0.517N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.173N

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 03/30/2016

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First Dose M/F: 06/14/05 / 06/13/05

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 %	6.25 %	12.5 %	25 %	50 %
Uterus: Endometrium					
Hyperplasia Cystic					
<hr/>					
LESION RATES					
OVERALL (a)	2/10 (20%)	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	0/9.45
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.240N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.234N
POLY 6	(e)	(e)	(e)	(e)	P=0.247N
COCH-ARM / FISHERS	P=0.132N	(e)	(e)	(e)	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.078N

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

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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 ***