

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: 02/03/2014
Time Report Requested: 10:17:36
First Dose M/F: 06/14/05 / 06/13/05
Lab: BAT

F1_Rev.1_M3_vc_tg

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 %	Include 013 100 %	Include 014 100 %
Study Gender:	Both		
TDMSE Version:	3.0.2.0_001		
PWG Approval Date:	NONE		

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF CEDARWOOD OIL

MALE MICE

Organ

Bone Marrow: Myeloid Cell

Kidney

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

Thyroid Gland: Follicle

FEMALE MICE

Organ

Bone Marrow: Myeloid Cell

Kidney

Liver

Liver: Hepatocyte

Lymph Node

Lymph Node, Mandibular

Lymph Node: Axillary

Skin: Hair Follicle, Site of Application

Morphology

Hyperplasia

Inflammation Chronic

Nephropathy

Infarct

Inflammation Chronic

Necrosis Focal

Depletion Glycogen

Hyperplasia Lymphoid

Dilatation

Hyperplasia

Hyperplasia

Fibrosis

Hyperkeratosis

Hyperplasia

Ulcer

Inflammation Chronic

Hematopoietic Cell Proliferation

Atrophy

Degeneration

Morphology

Hyperplasia

Inflammation Chronic

Infarct

Depletion Glycogen

Necrosis

Hyperplasia Lymphoid

Hyperplasia Lymphoid

Hyperplasia Lymphoid

Dilatation

Hyperplasia

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

Skin: Sebaceous Gland, Site of Application

Skin: Site of Application - Dermis

Skin: Site of Application - Epidermis

Skin: Site of Application

Spleen

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 %	100 %
Adrenal Cortex						
Accessory Adrenal Cortical Nodule						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.64	0/0.00	2/9.57	0/3.40
POLY-3 PERCENT (g)	20%	0%	0%	0%	20.9%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/9 (22%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.827N	(e)	P=0.686	P=0.496N
POLY 1.5	(e)	(e)	P=0.809N	(e)	P=0.693	P=0.366N
POLY 6	(e)	(e)	P=0.849N	(e)	P=0.677	P=0.635N
COCH-ARM / FISHERS	P=0.178N	(e)	P=0.818N	(e)	P=0.709N	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	P=0.413N	(e)	P=0.479	P=0.304N

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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 %	100 %
Bone Marrow: Myeloid Cell Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	5/10 (50%)	10/10 (100%)	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	10/10.00
POLY-3 PERCENT (g)	0%	50%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	5/10 (50%)	9/9 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.008**	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	P=0.008**	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	(e)	(e)	(e)	(e)

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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 %	100 %
Intestine Small, Jejunum Diverticulum						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.64	0/0.00	0/9.57	0/3.40
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (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)

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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 %	100 %
Kidney						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/9.64	0/10.00	0/9.57	1/4.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	24.7%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	65
STATISTICAL TESTS						
POLY 3	P=0.160	(e)	(e)	(e)	(e)	P=0.341
POLY 1.5	P=0.084	(e)	(e)	(e)	(e)	P=0.409
POLY 6	P=0.379	(e)	(e)	(e)	(e)	P=0.276
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.040*	(e)	(e)	(e)	(e)	P=0.146

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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 %	100 %
Kidney						
Nephropathy						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/10 (0%)	1/10 (10%)	2/10 (20%)	3/10 (30%)	5/10 (50%)
POLY-3 RATE (b)	2/10.00	0/10.00	1/9.64	2/10.00	3/10.00	5/6.69
POLY-3 PERCENT (g)	20%	0%	10.4%	20%	30%	74.7%
TERMINAL (d)	2/10 (20%)	0/10 (0%)	1/9 (11%)	2/10 (20%)	2/9 (22%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	93 (T)	93 (T)	77	65
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.227N	P=0.513N	P=0.702	P=0.500	P=0.032*
POLY 1.5	P=0.002**	P=0.227N	P=0.507N	P=0.702	P=0.500	P=0.073
POLY 6	P<0.001**	P=0.227N	P=0.522N	P=0.702	P=0.500	P=0.011*
COCH-ARM / FISHERS	P=0.007**	P=0.237N	P=0.500N	P=0.709N	P=0.500	P=0.175
MAX-ISO-POLY-3	P<0.001**	P=0.066N	P=0.288N	P=1.000	P=0.310	P=0.021*

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TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Liver						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/9.64	0/10.00	1/9.57	0/3.40
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.5%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.194	(e)	(e)	(e)	P=0.491	(e)
POLY 1.5	P=0.293	(e)	(e)	(e)	P=0.495	(e)
POLY 6	P=0.126	(e)	(e)	(e)	P=0.486	(e)
COCH-ARM / FISHERS	P=0.585	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.193	(e)	(e)	(e)	P=0.158	(e)

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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 %	100 %
Liver Infarct						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/9.64	0/10.00	0/9.57	1/4.07
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	24.6%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	64
STATISTICAL TESTS						
POLY 3	P=0.159	(e)	(e)	(e)	(e)	P=0.342
POLY 1.5	P=0.084	(e)	(e)	(e)	(e)	P=0.409
POLY 6	P=0.377	(e)	(e)	(e)	(e)	P=0.276
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.040*	(e)	(e)	(e)	(e)	P=0.146

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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 %	100 %
Liver						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	7/10 (70%)	6/10 (60%)	8/10 (80%)	7/10 (70%)	2/10 (20%)	1/10 (10%)
POLY-3 RATE (b)	7/10.00	6/10.00	8/9.64	7/10.00	2/9.57	1/4.06
POLY-3 PERCENT (g)	70%	60%	83%	70%	20.9%	24.7%
TERMINAL (d)	7/10 (70%)	6/10 (60%)	8/9 (89%)	7/10 (70%)	2/9 (22%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	65
STATISTICAL TESTS						
POLY 3	P=0.005N**	P=0.500N	P=0.443	P=0.678	P=0.030N*	P=0.183N
POLY 1.5	P<0.001N**	P=0.500N	P=0.469	P=0.678	P=0.027N*	P=0.037N*
POLY 6	P=0.012N*	P=0.500N	P=0.403	P=0.678	P=0.034N*	P=0.561N
COCH-ARM / FISHERS	P<0.001N**	P=0.500N	P=0.500	P=0.686N	P=0.035N*	P=0.010N**
MAX-ISO-POLY-3	P=0.005N**	P=0.325N	P=0.256	P=1.000	P=0.010N**	P=0.132N

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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 %	100 %
Liver						
Necrosis Focal						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/9.64	0/10.00	1/9.57	2/4.72
POLY-3 PERCENT (g)	10%	0%	0%	0%	10.5%	42.4%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	65
STATISTICAL TESTS						
POLY 3	P=0.055	P=0.500N	P=0.507N	P=0.500N	P=0.751	P=0.253
POLY 1.5	P=0.046*	P=0.500N	P=0.504N	P=0.500N	P=0.755	P=0.355
POLY 6	P=0.097	P=0.500N	P=0.512N	P=0.500N	P=0.745	P=0.161
COCH-ARM / FISHERS	P=0.074	P=0.500N	P=0.500N	P=0.500N	P=0.763N	P=0.500
MAX-ISO-POLY-3	P=0.043*	P=0.158N	P=0.168N	P=0.158N	P=0.486	P=0.158

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TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
<hr/>						
Liver						
Tension Lipidosis						
<hr/>						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/9.64	0/10.00	0/9.57	0/3.40
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<hr/>						
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)

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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 %	100 %
Liver: Hepatocyte Depletion Glycogen						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	6/10 (60%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	6/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	60%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	5/9 (56%)	9/10 (90%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	80	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	(e)	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P<0.001**	P<0.001**	(e)	(e)

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Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
<hr/>						
Liver: Hepatocyte Necrosis						
<hr/>						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/9.64	0/10.00	0/9.57	0/3.40
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<hr/>						
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)

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Lung Thrombosis						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.64	0/0.00	0/9.57	0/3.40
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.927N	(e)	P=0.509N	P=0.671N
POLY 1.5	(e)	(e)	P=0.921N	(e)	P=0.505N	P=0.601N
POLY 6	(e)	(e)	P=0.934N	(e)	P=0.514N	P=0.733N
COCH-ARM / FISHERS	P=0.276N	(e)	P=0.909N	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	P=0.441N	(e)	P=0.169N	P=0.365N

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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Lymph Node						
Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	0/3.06
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)

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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Lymph Node, Mandibular Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	0/10 (0%)	1/10 (10%)	6/10 (60%)	5/9 (56%)	9/10 (90%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	1/10.00	6/10.00	5/9.00	9/10.00	8/8.68
POLY-3 PERCENT (g)	0%	10%	60%	55.6%	90%	92.1%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	5/9 (56%)	5/9 (56%)	8/9 (89%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.500	P<0.001**	P=0.003**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.500	P<0.001**	P=0.003**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.500	P<0.001**	P=0.003**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.005**	P=0.011*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.158	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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Lymph Node: Axillary Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	9/9 (100%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	9/9.00
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%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	64
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)

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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Mesentery: Fat Fibrosis						
LESION RATES						
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	1/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (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)

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Mesentery: Fat Necrosis						
LESION RATES						
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	1/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (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)

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Parathyroid Gland Cyst						
LESION RATES						
OVERALL (a)	1/9 (11%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/9.00	0/0.00	0/0.64	0/0.00	0/9.57	1/4.06
POLY-3 PERCENT (g)	11.1%	0%	0%	0%	0%	24.7%
TERMINAL (d)	1/9 (11%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	65
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.914N	(e)	P=0.488N	P=0.566
POLY 1.5	(e)	(e)	P=0.907N	(e)	P=0.484N	P=0.675
POLY 6	(e)	(e)	P=0.922N	(e)	P=0.493N	P=0.434
COCH-ARM / FISHERS	P=0.669N	(e)	P=0.900N	(e)	P=0.474N	P=0.737N
MAX-ISO-POLY-3	(e)	(e)	P=0.438N	(e)	P=0.151N	P=0.343

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Skin: Hair Follicle, Site of Application						
Dilatation						
LESION RATES						
OVERALL (a)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	0/9.00	0/10.00	0/9.64	0/10.00	1/9.57	1/4.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.5%	24.7%
TERMINAL (d)	0/9 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	65
STATISTICAL TESTS						
POLY 3	P=0.050*	(e)	(e)	(e)	P=0.512	P=0.357
POLY 1.5	P=0.050*	(e)	(e)	(e)	P=0.516	P=0.428
POLY 6	P=0.074	(e)	(e)	(e)	P=0.507	P=0.286
COCH-ARM / FISHERS	P=0.107	(e)	(e)	(e)	P=0.526	P=0.526
MAX-ISO-POLY-3	P=0.049*	(e)	(e)	(e)	P=0.167	P=0.152

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	10/10 (100%)	9/9 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	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)	(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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	10/10 (100%)	9/9 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	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)	(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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	3/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	30%	100%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	3/10 (30%)	9/9 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.114	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	P=0.114	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.035*	(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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	7/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	70%	100%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	7/10 (70%)	9/9 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	10/10 (100%)	9/9 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	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)	(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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	2/10.00	8/10.00	10/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	80%	100%	90%	100%
TERMINAL (d)	0/9 (0%)	2/10 (20%)	7/9 (78%)	10/10 (100%)	8/9 (89%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.251	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	P=0.251	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.082	P<0.001**	(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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	10/10 (100%)	9/9 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	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)	(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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Spleen						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL (a)	0/10 (0%)	6/10 (60%)	10/10 (100%)	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	10/10.00
POLY-3 PERCENT (g)	0%	60%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	6/10 (60%)	9/9 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	80	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Stomach, Glandular Mineralization						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.64	0/0.00	0/9.57	0/3.40
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (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)

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Thymus Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/9.64	5/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	50%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/9 (0%)	5/10 (50%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	77	64
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P=0.008**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.008**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.008**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.016*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Thymus						
Ectopic Parathyroid Gland						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/9.64	0/10.00	1/9.57	0/3.40
POLY-3 PERCENT (g)	10%	0%	0%	0%	10.5%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.552	P=0.500N	P=0.507N	P=0.500N	P=0.751	P=0.671N
POLY 1.5	P=0.617	P=0.500N	P=0.504N	P=0.500N	P=0.755	P=0.601N
POLY 6	P=0.502	P=0.500N	P=0.512N	P=0.500N	P=0.745	P=0.733N
COCH-ARM / FISHERS	P=0.586N	P=0.500N	P=0.500N	P=0.500N	P=0.763N	P=0.500N
MAX-ISO-POLY-3	P=0.336N	P=0.158N	P=0.168N	P=0.158N	P=0.486	P=0.365N

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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Thyroid Gland						
Ectopic Thymus						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.64	0/0.00	0/9.57	0/3.40
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (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)

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Thyroid Gland: Follicle Degeneration						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	1/10 (10%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.64	0/0.00	1/9.57	2/4.72
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.5%	42.4%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	65
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.491	P=0.091
POLY 1.5	(e)	(e)	(e)	(e)	P=0.495	P=0.139
POLY 6	(e)	(e)	(e)	(e)	P=0.486	P=0.055
COCH-ARM / FISHERS	P=0.120	(e)	(e)	(e)	P=0.500	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158	P=0.050*

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.45	0/3.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<hr/>						
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)

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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Bone Marrow: Myeloid Cell Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	2/10 (20%)	9/10 (90%)	10/10 (100%)	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	10/10.00
POLY-3 PERCENT (g)	0%	20%	90%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	9/10 (90%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71	65
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.227	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	P=0.227	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.066	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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Intestine Small, Jejunum Diverticulum						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.45	0/3.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.6%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.489	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.493	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.483	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158	(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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Kidney						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.45	2/4.84
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	41.3%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	66
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.094
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.142
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.057
COCH-ARM / FISHERS	P=0.089	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.050*

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Kidney						
Nephropathy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.45	0/3.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.6%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.489	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.493	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.483	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158	(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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Liver						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.45	0/3.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (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)

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Liver Infarct						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.45	1/4.20
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	23.8%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	66
STATISTICAL TESTS						
POLY 3	P=0.148	(e)	(e)	(e)	(e)	P=0.346
POLY 1.5	P=0.080	(e)	(e)	(e)	(e)	P=0.412
POLY 6	P=0.355	(e)	(e)	(e)	(e)	P=0.279
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.040*	(e)	(e)	(e)	(e)	P=0.147

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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Liver						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	10/10 (100%)	8/10 (80%)	9/10 (90%)	9/10 (90%)	10/10 (100%)	8/10 (80%)
POLY-3 RATE (b)	10/10.00	8/10.00	9/10.00	9/10.00	10/10.00	8/8.72
POLY-3 PERCENT (g)	100%	80%	90%	90%	100%	91.8%
TERMINAL (d)	10/10 (100%)	8/10 (80%)	9/10 (90%)	9/10 (90%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	71	65
STATISTICAL TESTS						
POLY 3	P=0.478	P=0.227N	P=0.500N	P=0.500N	(e)	P=0.678N
POLY 1.5	P=0.602N	P=0.227N	P=0.500N	P=0.500N	(e)	P=0.384N
POLY 6	P=0.306	P=0.227N	P=0.500N	P=0.500N	(e)	P=1.000N
COCH-ARM / FISHERS	P=0.348N	P=0.237N	P=0.500N	P=0.500N	(e)	P=0.237N
MAX-ISO-POLY-3	P=0.234N	P=0.066N	P=0.158N	P=0.158N	(e)	P=0.079N

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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Liver						
Necrosis Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.45	0/3.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (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)

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Liver						
Tension Lipidosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/9.45	0/3.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.6%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.198	(e)	(e)	(e)	P=0.489	(e)
POLY 1.5	P=0.297	(e)	(e)	(e)	P=0.493	(e)
POLY 6	P=0.126	(e)	(e)	(e)	P=0.483	(e)
COCH-ARM / FISHERS	P=0.585	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.197	(e)	(e)	(e)	P=0.158	(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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Liver: Hepatocyte Depletion Glycogen						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	5/10 (50%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	5/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	50%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	5/10 (50%)	9/10 (90%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	71	65
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P=0.008**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.008**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.008**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.016*	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P<0.001**	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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
<hr/>						
Liver: Hepatocyte Necrosis						
<hr/>						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.45	1/4.20
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	23.8%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	66
<hr/>						
STATISTICAL TESTS						
POLY 3	P=0.148	(e)	(e)	(e)	(e)	P=0.346
POLY 1.5	P=0.080	(e)	(e)	(e)	(e)	P=0.412
POLY 6	P=0.355	(e)	(e)	(e)	(e)	P=0.279
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.040*	(e)	(e)	(e)	(e)	P=0.147

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Lung Thrombosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.45	0/3.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (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)

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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Lymph Node						
Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	1/2 (50%)	0/10 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	1/1.00	1/1.45	0/3.56
POLY-3 PERCENT (g)	0%	0%	0%	100%	69.2%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.013N*	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Lymph Node, Mandibular Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	1/10 (10%)	6/10 (60%)	6/10 (60%)	5/10 (50%)	6/10 (60%)	10/10 (100%)
POLY-3 RATE (b)	1/10.00	6/10.00	6/10.00	5/10.00	6/9.45	10/10.00
POLY-3 PERCENT (g)	10%	60%	60%	50%	63.5%	100%
TERMINAL (d)	1/10 (10%)	6/10 (60%)	6/10 (60%)	5/10 (50%)	6/9 (67%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	65
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.018*	P=0.018*	P=0.061	P=0.012*	P<0.001**
POLY 1.5	P<0.001**	P=0.018*	P=0.018*	P=0.061	P=0.014*	P<0.001**
POLY 6	P<0.001**	P=0.018*	P=0.018*	P=0.061	P=0.010**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.029*	P=0.029*	P=0.070	P=0.029*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.004**	P=0.004**	P=0.020*	P=0.003**	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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Lymph Node: Axillary Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	1/2 (50%)	10/10 (100%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/1.00	1/2.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	71	65
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.013*	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Mesentery: Fat Fibrosis						
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)

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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)

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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Parathyroid Gland Cyst						
LESION RATES						
OVERALL (a)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/9.00	0/0.00	0/0.00	0/0.00	0/7.45	0/3.20
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (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)

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Skin: Hair Follicle, Site of Application						
Dilatation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.45	3/5.49
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	54.7%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	66
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P=0.019*
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P=0.042*
POLY 6	P=0.002**	(e)	(e)	(e)	(e)	P=0.007**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P=0.105
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	P=0.012*

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	3/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	30%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	3/10 (30%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71	65
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.095	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	P=0.095	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.025*	(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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	4/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	40%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	4/10 (40%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71	65
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.033*	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	P=0.033*	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.007**	(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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	2/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71	65
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.227	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	P=0.227	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.066	(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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	2/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71	65
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.227	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	P=0.227	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.066	(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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71	65
STATISTICAL TESTS						
POLY 3	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	2/10.00	6/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	60%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	6/10 (60%)	9/10 (90%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71	65
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.227	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	P=0.227	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.066	P<0.001**	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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
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%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	71	65
STATISTICAL TESTS						
POLY 3	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	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**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(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: 02/03/2014
 Time Report Requested: 10:17:36
 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 %	100 %
Spleen						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL (a)	2/10 (20%)	9/10 (90%)	10/10 (100%)	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	10/10.00
POLY-3 PERCENT (g)	20%	90%	100%	100%	100%	100%
TERMINAL (d)	2/10 (20%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	71	65
STATISTICAL TESTS						
POLY 3	P<0.001**	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**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.003**	P=0.003**	P<0.001**	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**	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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Stomach, Glandular Mineralization						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/9.45	0/3.56
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.511N	P=0.666N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.507N	P=0.597N
POLY 6	(e)	(e)	(e)	(e)	P=0.517N	P=0.730N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.173N	P=0.358N

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Thymus Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.45	0/3.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (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)

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: 02/03/2014

Time Report Requested: 10:17:36

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 %	100 %
Thymus						
Ectopic Parathyroid Gland						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.45	0/3.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (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)

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TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Thyroid Gland						
Ectopic Thymus						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/9.45	0/3.56
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.511N	P=0.666N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.507N	P=0.597N
POLY 6	(e)	(e)	(e)	(e)	P=0.517N	P=0.730N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.173N	P=0.358N

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

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Cedarwood oil

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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 %	100 %
Thyroid Gland: Follicle Degeneration						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.45	0/3.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (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)

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

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Uterus						
Decidual Reaction						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/9.45	0/3.56
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.511N	P=0.666N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.507N	P=0.597N
POLY 6	(e)	(e)	(e)	(e)	P=0.517N	P=0.730N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.173N	P=0.358N

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

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Uterus: Endometrium Hyperplasia Cystic						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/9.45	0/3.56
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.240N	P=0.487N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.234N	P=0.360N
POLY 6	(e)	(e)	(e)	(e)	P=0.247N	P=0.628N
COCH-ARM / FISHERS	P=0.089N	(e)	(e)	(e)	P=0.237N	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.078N	P=0.296N

Experiment Number: 20316 - 02

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

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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 ***