

Experiment Number: 20316 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

F1_Rev.1_R2_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: 11/26/2007

Experiment Number: 20316 - 01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 02/03/2014

Time Report Requested: 10:16:53

First Dose M/F: 06/15/05 / 06/16/05

Lab: BAT

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

MALE RATS

Organ

Adrenal Cortex

Bone Marrow

Kidney

Kidney: Renal Tubule

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

Testes: Right, Germinal Epithelium

FEMALE RATS

Organ

Bone Marrow

Liver

Salivary Glands: Submandibular Gland

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

Thyroid Gland

Morphology

Angiectasis

Hyperplasia

Accumulation, Hyaline Droplet

Mineralization

Casts Granular

Degeneration

Hyperplasia

Hyperplasia

Fibrosis

Hyperkeratosis

Hyperplasia

Ulcer

Inflammation Chronic

Atrophy

Morphology

Hyperplasia

Hepatodiaphragmatic Nodule

Inflammation

Vacuolization Cytoplasmic

Hyperplasia

Hyperplasia

Fibrosis

Hyperkeratosis

Hyperplasia

Ulcer

Inflammation Chronic

Infiltration Cellular Mononuclear Cell

Ultimobranchial Cyst

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Adrenal Cortex						
Angiectasis						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/9.23
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.186N	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.246N
POLY 1.5	P=0.189N	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.237N
POLY 6	P=0.180N	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.259N
COCH-ARM / FISHERS	P=0.203N	P=0.237N	P=0.237N	P=0.237N	P=0.237N	P=0.237N
MAX-ISO-POLY-3	P=0.014N*	P=0.067N	P=0.067N	P=0.067N	P=0.067N	P=0.083N

Experiment Number: 20316 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Adrenal Cortex Infiltration Cellular Mononuclear Cell						
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	0/10.00	0/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (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 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Adrenal Cortex Mineralization						
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	0/10.00	0/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Bone Marrow Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	7/10 (70%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	7/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	70%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	5/8 (63%)
FIRST INCIDENCE	---	---	---	---	93 (T)	79
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P=0.002**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.158	P<0.001**

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Epididymis						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.23
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.516N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.509N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.526N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.178N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Epididymis Inflammation						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	20%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	79
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.702
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.702
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.702
COCH-ARM / FISHERS	P=0.610	(e)	(e)	(e)	(e)	P=0.709N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=1.000

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Harderian Gland Infiltration Cellular						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Heart						
Cardiomyopathy						
LESION RATES						
OVERALL (a)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	0/0.00	0/0.00	0/0.00	0/0.00	10/10.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	0%	100%
TERMINAL (d)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/8 (100%)
FIRST INCIDENCE	93 (T)	---	---	---	---	79
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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Heart: Epicardium Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10.8%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.484
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.491
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.473
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Intestine Large, Rectum Parasite Metazoan						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10.8%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.484
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.491
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.473
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Islets, Pancreatic Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.23
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.516N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.509N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.526N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.178N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney						
Accumulation, Hyaline Droplet						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	79
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	1/10.00	0/10.00	1/9.23
POLY-3 PERCENT (g)	10%	0%	0%	10%	0%	10.8%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/8 (13%)
FIRST INCIDENCE	93 (T)	---	---	93 (T)	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.460	P=0.500N	P=0.500N	P=0.760	P=0.500N	P=0.743
POLY 1.5	P=0.469	P=0.500N	P=0.500N	P=0.760	P=0.500N	P=0.751
POLY 6	P=0.449	P=0.500N	P=0.500N	P=0.760	P=0.500N	P=0.731
COCH-ARM / FISHERS	P=0.478	P=0.500N	P=0.500N	P=0.763N	P=0.500N	P=0.763N
MAX-ISO-POLY-3	P=0.448	P=0.158N	P=0.158N	P=1.000	P=0.158N	P=0.477

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney Mineralization						
LESION RATES						
OVERALL (a)	4/10 (40%)	7/10 (70%)	9/10 (90%)	8/10 (80%)	8/10 (80%)	8/10 (80%)
POLY-3 RATE (b)	4/10.00	7/10.00	9/10.00	8/10.00	8/10.00	8/10.00
POLY-3 PERCENT (g)	40%	70%	90%	80%	80%	80%
TERMINAL (d)	4/10 (40%)	7/10 (70%)	9/10 (90%)	8/10 (80%)	8/10 (80%)	6/8 (75%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	79
STATISTICAL TESTS						
POLY 3	P=0.170	P=0.186	P=0.018*	P=0.077	P=0.077	P=0.077
POLY 1.5	P=0.170	P=0.186	P=0.018*	P=0.077	P=0.077	P=0.077
POLY 6	P=0.170	P=0.186	P=0.018*	P=0.077	P=0.077	P=0.077
COCH-ARM / FISHERS	P=0.174	P=0.185	P=0.029*	P=0.085	P=0.085	P=0.085
MAX-ISO-POLY-3	P=0.026*	P=0.090	P=0.005**	P=0.029*	P=0.029*	P=0.029*

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney						
Nephropathy						
LESION RATES						
OVERALL (a)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	100%	100%	100%	100%	100%	100%
TERMINAL (d)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	8/8 (100%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	79
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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney: Renal Tubule Casts Granular						
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	0/10.00	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%)	0/10 (0%)	5/10 (50%)	10/10 (100%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	79
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=0.002**	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney: Renal Tubule Degeneration						
LESION RATES						
OVERALL (a)	4/10 (40%)	5/10 (50%)	6/10 (60%)	7/10 (70%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	4/10.00	5/10.00	6/10.00	7/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	40%	50%	60%	70%	100%	100%
TERMINAL (d)	4/10 (40%)	5/10 (50%)	6/10 (60%)	7/10 (70%)	10/10 (100%)	8/8 (100%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	79
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.500	P=0.333	P=0.186	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.500	P=0.333	P=0.186	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.500	P=0.333	P=0.186	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.328	P=0.185	P=0.005**	P=0.005**
MAX-ISO-POLY-3	P<0.001**	P=0.334	P=0.192	P=0.090	P<0.001**	P<0.001**

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Liver						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	1/10.00	0/10.00	1/10.00	0/9.23
POLY-3 PERCENT (g)	10%	0%	10%	0%	10%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)	0/8 (0%)
FIRST INCIDENCE	93 (T)	---	93 (T)	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.451N	P=0.500N	P=0.760	P=0.500N	P=0.760	P=0.516N
POLY 1.5	P=0.445N	P=0.500N	P=0.760	P=0.500N	P=0.760	P=0.509N
POLY 6	P=0.460N	P=0.500N	P=0.760	P=0.500N	P=0.760	P=0.526N
COCH-ARM / FISHERS	P=0.436N	P=0.500N	P=0.763N	P=0.500N	P=0.763N	P=0.500N
MAX-ISO-POLY-3	P=0.328N	P=0.158N	P=1.000	P=0.158N	P=1.000	P=0.178N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/9.23
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.400N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.516N
POLY 1.5	P=0.407N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.509N
POLY 6	P=0.388N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.526N
COCH-ARM / FISHERS	P=0.415N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.099N	P=0.158N	P=0.158N	P=0.158N	P=0.158N	P=0.178N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Liver Inflammation						
LESION RATES						
OVERALL (a)	8/10 (80%)	10/10 (100%)	10/10 (100%)	7/10 (70%)	7/10 (70%)	9/10 (90%)
POLY-3 RATE (b)	8/10.00	10/10.00	10/10.00	7/10.00	7/10.00	9/10.00
POLY-3 PERCENT (g)	80%	100%	100%	70%	70%	90%
TERMINAL (d)	8/10 (80%)	10/10 (100%)	10/10 (100%)	7/10 (70%)	7/10 (70%)	7/8 (88%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	79
STATISTICAL TESTS						
POLY 3	P=0.460N	P=0.227	P=0.227	P=0.500N	P=0.500N	P=0.500
POLY 1.5	P=0.460N	P=0.227	P=0.227	P=0.500N	P=0.500N	P=0.500
POLY 6	P=0.460N	P=0.227	P=0.227	P=0.500N	P=0.500N	P=0.500
COCH-ARM / FISHERS	P=0.461N	P=0.237	P=0.237	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.266N	P=0.067	P=0.067	P=0.310N	P=0.310N	P=0.274

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	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%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10.8%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/8 (13%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.100	(e)	(e)	(e)	(e)	P=0.484
POLY 1.5	P=0.103	(e)	(e)	(e)	(e)	P=0.491
POLY 6	P=0.096	(e)	(e)	(e)	(e)	P=0.473
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.073	(e)	(e)	(e)	(e)	P=0.157

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10.8%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.484
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.491
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.473
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung						
Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/9.61
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	20.8%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
FIRST INCIDENCE	93 (T)	---	---	---	---	79
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.486
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.492
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.477
COCH-ARM / FISHERS	P=0.377	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.265

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung Inflammation						
LESION RATES						
OVERALL (a)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
POLY-3 RATE (b)	5/10.00	0/0.00	0/0.00	0/0.00	0/0.00	4/9.23
POLY-3 PERCENT (g)	50%	0%	0%	0%	0%	43.4%
TERMINAL (d)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/8 (50%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.563N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.535N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.605N
COCH-ARM / FISHERS	P=0.411N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.394N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung						
Metaplasia Osseous						
LESION RATES						
OVERALL (a)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
POLY-3 RATE (b)	5/10.00	0/0.00	0/0.00	0/0.00	0/0.00	4/9.23
POLY-3 PERCENT (g)	50%	0%	0%	0%	0%	43.4%
TERMINAL (d)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/8 (50%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.563N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.535N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.605N
COCH-ARM / FISHERS	P=0.411N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.394N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung						
Pigmentation Hemosiderin						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10.8%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.484
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.491
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.473
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung: Serosa Inflammation Granulomatous						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10.8%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.484
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.491
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.473
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Mesentery Mineralization						
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 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Mesentery 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 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Mesentery: Fat						
Inflammation Chronic Granulomatous						
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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Nose						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/9.61
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20.8%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
FIRST INCIDENCE	---	---	---	---	---	79
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.217
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.221
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.211
COCH-ARM / FISHERS	P=0.132	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.066

Experiment Number: 20316 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Nose						
Vacuolization Cytoplasmic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Pancreas Atrophy						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.23
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	10.8%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.743
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.751
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.731
COCH-ARM / FISHERS	P=0.645	(e)	(e)	(e)	(e)	P=0.763N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.477

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Pancreas						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	5/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/9.61
POLY-3 PERCENT (g)	50%	0%	0%	0%	0%	31.2%
TERMINAL (d)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)
FIRST INCIDENCE	93 (T)	---	---	---	---	79
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.354N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.343N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.370N
COCH-ARM / FISHERS	P=0.247N	(e)	(e)	(e)	(e)	P=0.325N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.209N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Pituitary Gland Cyst						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.23
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.516N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.509N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.526N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.178N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Preputial Gland Inflammation Chronic Focal						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/9.23
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	32.5%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.260
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.274
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.240
COCH-ARM / FISHERS	P=0.201	(e)	(e)	(e)	(e)	P=0.291
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.124

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Salivary Glands: Sublingual Gland						
Ectopic Tissue						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Salivary Glands: Submandibular Gland Ectopic Tissue						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Salivary Glands: Submandibular Gland						
Vacuolization Cytoplasmic						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	4/9.23
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	43.4%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/8 (50%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.274
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.293
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.247
COCH-ARM / FISHERS	P=0.232	(e)	(e)	(e)	(e)	P=0.314
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.147

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	9/10.00	10/10.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	90%	100%	90%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)	7/8 (88%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	79
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**	(e)	P<0.001**

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	79
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	7/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	70%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)	10/10 (100%)	8/8 (100%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	79
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.002**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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)	0/10 (0%)	0/10 (0%)	1/10 (10%)	7/10 (70%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	7/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	10%	70%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	7/10 (70%)	10/10 (100%)	8/8 (100%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	79
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	P=0.002**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.158	P<0.001**	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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)	0/10 (0%)	2/10 (20%)	4/10 (40%)	10/10 (100%)	10/10 (100%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	2/10.00	4/10.00	10/10.00	10/10.00	9/10.00
POLY-3 PERCENT (g)	0%	20%	40%	100%	100%	90%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	4/10 (40%)	10/10 (100%)	10/10 (100%)	7/8 (88%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	79
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.227	P=0.033*	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.227	P=0.033*	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.227	P=0.033*	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.237	P=0.043*	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.067	P=0.007**	(e)	(e)	P<0.001**

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	7/10 (70%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	1/10.00	7/10.00	8/10.00
POLY-3 PERCENT (g)	0%	0%	10%	10%	70%	80%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	7/10 (70%)	6/8 (75%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	79
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P=0.500	P=0.500	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.500	P=0.500	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.500	P=0.500	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	P=0.500	P=0.002**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.158	P=0.158	P<0.001**	P<0.001**

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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)	0/10 (0%)	1/10 (10%)	4/10 (40%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	1/10.00	4/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	10%	40%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	4/10 (40%)	9/10 (90%)	10/10 (100%)	8/8 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	79
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.500	P=0.033*	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.500	P=0.033*	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.500	P=0.033*	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.043*	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.158	P=0.007**	P<0.001**	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Spleen						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.23
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.516N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.509N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.526N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.178N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Stomach, Glandular: Glands Ectasia						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.23
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.246N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.237N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.259N
COCH-ARM / FISHERS	P=0.132N	(e)	(e)	(e)	(e)	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.083N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Testes: Right, Germinal Epithelium Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	1/1.00	0/0.00	0/0.00	0/9.23
POLY-3 PERCENT (g)	0%	0%	100%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
FIRST INCIDENCE	---	---	93 (T)	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.091	(e)	(e)	(e)
POLY 1.5	(e)	(e)	P=0.091	(e)	(e)	(e)
POLY 6	(e)	(e)	P=0.091	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.412N	(e)	P=0.091	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	P<0.001**	(e)	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Thyroid Gland Infiltration Cellular Mononuclear Cell						
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	0/10.00	0/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Thyroid Gland						
Ultimobranchial Cyst						
LESION RATES						
OVERALL (a)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	2/10.00	0/10.00	0/10.00	0/10.00	0/9.23
POLY-3 PERCENT (g)	0%	20%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)
FIRST INCIDENCE	---	93 (T)	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.272N	P=0.227	(e)	(e)	(e)	(e)
POLY 1.5	P=0.275N	P=0.227	(e)	(e)	(e)	(e)
POLY 6	P=0.268N	P=0.227	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.285N	P=0.237	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.210N	P=0.067	(e)	(e)	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Urinary Bladder Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.23
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	10.8%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.743
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.751
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.731
COCH-ARM / FISHERS	P=0.645	(e)	(e)	(e)	(e)	P=0.763N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.477

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Urinary Bladder: Serosa Mineralization Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.23
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10.8%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (13%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.484
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.491
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.473
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Adrenal Cortex						
Angiectasis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Adrenal Cortex						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Adrenal Cortex Mineralization						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Bone Marrow Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/9 (0%)	0/10 (0%)	2/10 (20%)	2/10 (20%)	7/10 (70%)
POLY-3 RATE (b)	0/10.00	0/9.00	0/10.00	2/10.00	2/10.00	7/10.00
POLY-3 PERCENT (g)	0%	0%	0%	20%	20%	70%
TERMINAL (d)	0/10 (0%)	0/9 (0%)	0/10 (0%)	2/10 (20%)	2/10 (20%)	7/10 (70%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P=0.227	P=0.227	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.227	P=0.227	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.227	P=0.227	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.237	P=0.237	P=0.002**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P=0.066	P=0.066	P<0.001**

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Harderian Gland Infiltration Cellular						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Heart						
Cardiomyopathy						
LESION RATES						
OVERALL (a)	9/10 (90%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
POLY-3 RATE (b)	9/10.00	0/0.00	0/0.00	0/0.00	0/0.00	10/10.00
POLY-3 PERCENT (g)	90%	0%	0%	0%	0%	100%
TERMINAL (d)	9/10 (90%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Heart: Epicardium Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Intestine Large, Rectum Parasite Metazoan						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Islets, Pancreatic Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney						
Accumulation, Hyaline Droplet						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney Mineralization						
LESION RATES						
OVERALL (a)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/10 (60%)
POLY-3 RATE (b)	5/10.00	0/0.00	0/0.00	0/0.00	0/0.00	6/10.00
POLY-3 PERCENT (g)	50%	0%	0%	0%	0%	60%
TERMINAL (d)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/10 (60%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.411	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.332

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney						
Nephropathy						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	10%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.760
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.760
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.760
COCH-ARM / FISHERS	P=0.645	(e)	(e)	(e)	(e)	P=0.763N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=1.000

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney: Renal Tubule Casts Granular						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Kidney: Renal Tubule Degeneration						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.415N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.041N*	P=0.158N	P=0.158N	P=0.158N	P=0.158N	P=0.158N

Experiment Number: 20316 - 01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 02/03/2014

Time Report Requested: 10:16:53

First Dose M/F: 06/15/05 / 06/16/05

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Liver Inflammation						
LESION RATES						
OVERALL (a)	9/10 (90%)	10/10 (100%)	9/10 (90%)	8/10 (80%)	5/10 (50%)	7/10 (70%)
POLY-3 RATE (b)	9/10.00	10/10.00	9/10.00	8/10.00	5/10.00	7/10.00
POLY-3 PERCENT (g)	90%	100%	90%	80%	50%	70%
TERMINAL (d)	9/10 (90%)	10/10 (100%)	9/10 (90%)	8/10 (80%)	5/10 (50%)	7/10 (70%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.025N*	P=0.500	P=0.760	P=0.500N	P=0.061N	P=0.292N
POLY 1.5	P=0.025N*	P=0.500	P=0.760	P=0.500N	P=0.061N	P=0.292N
POLY 6	P=0.025N*	P=0.500	P=0.760	P=0.500N	P=0.061N	P=0.292N
COCH-ARM / FISHERS	P=0.030N*	P=0.500	P=0.763N	P=0.500N	P=0.070N	P=0.291N
MAX-ISO-POLY-3	P=0.021N*	P=0.158	P=1.000	P=0.274N	P=0.020N*	P=0.136N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung						
Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	10%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.760
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.760
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.760
COCH-ARM / FISHERS	P=0.645	(e)	(e)	(e)	(e)	P=0.763N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=1.000

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung Inflammation						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	20%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.702
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.702
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.702
COCH-ARM / FISHERS	P=0.610	(e)	(e)	(e)	(e)	P=0.709N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=1.000

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung						
Metaplasia Osseous						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung						
Pigmentation Hemosiderin						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Lung: Serosa Inflammation Granulomatous						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Mesentery Mineralization						
LESION RATES						
OVERALL (a)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	1/1.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Mesentery Necrosis						
LESION RATES						
OVERALL (a)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	1/1.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Mesentery: Fat						
Inflammation Chronic Granulomatous						
LESION RATES						
OVERALL (a)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	1/1.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	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 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Nose						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Nose						
Vacuolization Cytoplasmic						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Pancreas						
Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Pancreas						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	4/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	40%	0%	0%	0%	0%	30%
TERMINAL (d)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.407N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.325N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Pituitary Gland Cyst						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	10%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.377N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.274N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Salivary Glands: Sublingual Gland						
Ectopic Tissue						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.196	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Salivary Glands: Submandibular Gland Ectopic Tissue						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.196	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Salivary Glands: Submandibular Gland						
Vacuolization Cytoplasmic						
LESION RATES						
OVERALL (a)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	4/10.00	0/0.00	0/0.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	40%	0%	0%	0%	0%	10%
TERMINAL (d)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	P=0.033N*	P=0.033N*	P=0.148N
POLY 1.5	(e)	(e)	(e)	P=0.033N*	P=0.033N*	P=0.148N
POLY 6	(e)	(e)	(e)	P=0.033N*	P=0.033N*	P=0.148N
COCH-ARM / FISHERS	P=0.113N	(e)	(e)	P=0.043N*	P=0.043N*	P=0.152N
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.007N**	P=0.007N**	P=0.058N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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%)	0/10 (0%)	1/10 (10%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	10%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.158	P<0.001**	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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%)	0/10 (0%)	4/10 (40%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	4/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	40%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	4/10 (40%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P=0.033*	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.033*	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.033*	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.043*	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.007**	P<0.001**	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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%)	0/10 (0%)	1/10 (10%)	7/10 (70%)	8/10 (80%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	7/10.00	8/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	10%	70%	80%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	7/10 (70%)	8/10 (80%)	10/10 (100%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	P=0.002**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.158	P<0.001**	P<0.001**	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
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%)	1/10 (10%)	5/10 (50%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	1/10.00	5/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	10%	50%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	5/10 (50%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.500	P=0.008**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.500	P=0.008**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.500	P=0.008**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.016*	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.158	P<0.001**	(e)	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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%)	4/10 (40%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	4/10.00	7/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	40%	70%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	4/10 (40%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
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=0.002**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.007**	P<0.001**	(e)	(e)	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	4/10 (40%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	1/10.00	4/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	10%	10%	40%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	4/10 (40%)	10/10 (100%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P=0.500	P=0.500	P=0.033*	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.500	P=0.500	P=0.033*	P<0.001**
POLY 6	P<0.001**	(e)	P=0.500	P=0.500	P=0.033*	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	P=0.500	P=0.043*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.158	P=0.158	P=0.007**	(e)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 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%)	0/10 (0%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	7/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	70%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	93 (T)
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=0.002**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P<0.001**	(e)	(e)	(e)

Experiment Number: 20316 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Spleen						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Stomach, Glandular: Glands Ectasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Thyroid Gland Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	10%
TERMINAL (d)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.649	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.500N
POLY 1.5	P=0.649	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.500N
POLY 6	P=0.649	P=0.227N	P=0.227N	P=0.227N	P=0.227N	P=0.500N
COCH-ARM / FISHERS	P=0.647	P=0.237N	P=0.237N	P=0.237N	P=0.237N	P=0.500N
MAX-ISO-POLY-3	P=0.030N*	P=0.066N	P=0.066N	P=0.066N	P=0.066N	P=0.274N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Thyroid Gland						
Ultimobranchial Cyst						
LESION RATES						
OVERALL (a)	3/10 (30%)	2/10 (20%)	0/10 (0%)	3/10 (30%)	3/10 (30%)	2/10 (20%)
POLY-3 RATE (b)	3/10.00	2/10.00	0/10.00	3/10.00	3/10.00	2/10.00
POLY-3 PERCENT (g)	30%	20%	0%	30%	30%	20%
TERMINAL (d)	3/10 (30%)	2/10 (20%)	0/10 (0%)	3/10 (30%)	3/10 (30%)	2/10 (20%)
FIRST INCIDENCE	93 (T)	93 (T)	---	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.526	P=0.500N	P=0.095N	P=0.678	P=0.678	P=0.500N
POLY 1.5	P=0.526	P=0.500N	P=0.095N	P=0.678	P=0.678	P=0.500N
POLY 6	P=0.526	P=0.500N	P=0.095N	P=0.678	P=0.678	P=0.500N
COCH-ARM / FISHERS	P=0.527	P=0.500N	P=0.105N	P=0.686N	P=0.686N	P=0.500N
MAX-ISO-POLY-3	P=0.296N	P=0.310N	P=0.025N*	P=1.000	P=1.000	P=0.310N

Experiment Number: 20316 - 01
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
 Time Report Requested: 10:16:53
 First Dose M/F: 06/15/05 / 06/16/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Urinary Bladder Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227N
COCH-ARM / FISHERS	P=0.132N	(e)	(e)	(e)	(e)	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.066N

Experiment Number: 20316 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

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

Date Report Requested: 02/03/2014
Time Report Requested: 10:16:53
First Dose M/F: 06/15/05 / 06/16/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 %	6.25 %	12.5 %	25 %	50 %	100 %
Urinary Bladder: Serosa Mineralization Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20316 - 01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 02/03/2014

Time Report Requested: 10:16:53

First Dose M/F: 06/15/05 / 06/16/05

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 ***