

TDMS No. 97008-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
PROPARGYL ALCOHOL
CAS Number: 107-19-7
Pathologist: HARBO, S. - LIEUALLEN, W.
F1_R2

Date Report Requested: 08/09/2006
Time Report Requested: 14:09:21
First Dose M/F: 10/01/01 / 10/01/01
Lab: BNW

C Number:	C97008		
Lock Date:	08/16/2004		
Cage Range:	1 - 9999		
Date Range:	1-JAN-1940 to 17-SEP-2040		
Reasons For Removal:	25021 Terminal Sacrifice	25020 Natural Death	25019 Moribund Sacrifice
Removal Date Range:	JAN /1 /1940 - SEP /17 /2040		
Treatment Groups:	Include 1 CONTROL	Include 2 CONTROL	Include 3 16 PPM
	Include 4 16 PPM	Include 5 32 PPM	Include 6 32 PPM
	Include 7 64 PPM	Include 8 64 PPM	

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

MALE RATS

Organ

Adrenal Cortex
Adrenal Medulla
Brain
Heart
Kidney
Larynx
Liver

Liver: Hepatocyte

Lung: Alveolus

Mammary Gland

Nose

Nose: Glands, Respiratory Epithelium

Nose: Olfactory Epithelium

Nose: Olfactory Epithelium, Glands

Nose: Respiratory Epithelium

Pancreas: Acinus

Pituitary Gland: Pars Distalis

Preputial Gland

Prostate

Stomach, Glandular

Thyroid Gland: C-Cell

Morphology

Hyperplasia
Hyperplasia
Compression
Cardiomyopathy
Nephropathy Chronic
Inflammation Chronic
Basophilic Focus
Clear Cell Focus
Hepatodiaphragmatic Nodule
Regeneration
Infiltration Cellular Histiocyte
Galactocele
Inflammation Chronic
Hyperplasia
Accumulation, Hyaline Droplet
Atrophy
Degeneration
Hyperplasia
Hyperplasia Basal Cell
Metaplasia Respiratory
Necrosis
Hyperplasia
Hyperplasia
Atrophy
Hyperplasia
Hyperplasia
Hyperplasia
Inflammation
Ulcer
Hyperplasia

FEMALE RATS

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

Organ

Adrenal Cortex
Larynx
Liver
Lymph Node, Mesenteric

Nose

Nose: Glands, Respiratory Epithelium
Nose: Nasolacrimal Duct
Nose: Olfactory Epithelium

Nose: Olfactory Epithelium, Glands
Nose: Respiratory Epithelium

Pancreas: Acinus
Pituitary Gland: Pars Distalis

Morphology

Angiectasis
Inflammation Chronic
Mixed Cell Focus
Hyperplasia Lymphoid
Infiltration Cellular Histiocyte
Foreign Body
Inflammation Chronic
Hyperplasia
Inflammation Chronic
Accumulation, Hyaline Droplet
Atrophy
Degeneration
Hyperplasia Basal Cell
Metaplasia Respiratory
Necrosis
Hyperplasia
Hyperplasia
Metaplasia
Atrophy
Cyst

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Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Adrenal Cortex
Angiectasis

LESION RATES

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.74	0/40.77	0/38.95	0/38.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Adrenal Cortex
Degeneration Cystic

LESION RATES

OVERALL (a)	1/49 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/42.07	0/40.77	0/38.95	0/38.00
POLY-3 PERCENT (g)	2.4%	0%	0%	0%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	640	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.328N	P=0.510N	P=0.532N	P=0.532N
POLY 3	P=0.293N	P=0.506N	P=0.515N	P=0.520N
POLY 1.5	P=0.297N	P=0.502N	P=0.506N	P=0.509N
POLY 6	P=0.287N	P=0.513N	P=0.530N	P=0.538N
LOGISTIC REGRESSION	P=0.290N	P=0.485N	P=0.478N	P=0.475N
COCH-ARM / FISHERS	P=0.303N	P=0.495N	P=0.495N	P=0.495N
ORDER RESTRICTED	P=0.139N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.161N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Adrenal Cortex
 Hyperplasia**

LESION RATES

OVERALL (a)	19/49 (39%)	23/50 (46%)	27/50 (54%)	28/50 (56%)
POLY-3 RATE (b)	19/43.60	23/43.40	27/44.18	28/43.20
POLY-3 PERCENT (g)	43.6%	53%	61.1%	64.8%
TERMINAL (d)	12/27 (44%)	11/23 (48%)	8/15 (53%)	11/16 (69%)
FIRST INCIDENCE	481	504	509	486

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.170	P=0.005**	P=0.002**
POLY 3	P=0.022*	P=0.247	P=0.068	P=0.031*
POLY 1.5	P=0.030*	P=0.269	P=0.076	P=0.042*
POLY 6	P=0.014*	P=0.227	P=0.059	P=0.020*
LOGISTIC REGRESSION	P=0.019*	P=0.238	P=0.062	P=0.029*
COCH-ARM / FISHERS	P=0.047*	P=0.300	P=0.094	P=0.065
ORDER RESTRICTED	P=0.025*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.029*	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Adrenal Cortex
 Vacuolization Cytoplasmic**

LESION RATES

OVERALL (a)	11/49 (22%)	8/50 (16%)	9/50 (18%)	7/50 (14%)
POLY-3 RATE (b)	11/42.55	8/43.17	9/40.74	7/39.53
POLY-3 PERCENT (g)	25.9%	18.5%	22.1%	17.7%
TERMINAL (d)	6/27 (22%)	3/23 (13%)	1/15 (7%)	2/16 (13%)
FIRST INCIDENCE	640	418	589	582

STATISTICAL TESTS

LIFE TABLE	P=0.526N	P=0.404N	P=0.450	P=0.539N
POLY 3	P=0.271N	P=0.288N	P=0.442N	P=0.265N
POLY 1.5	P=0.241N	P=0.286N	P=0.415N	P=0.236N
POLY 6	P=0.323N	P=0.297N	P=0.488N	P=0.316N
LOGISTIC REGRESSION	P=0.220N	P=0.285N	P=0.466N	P=0.285N
COCH-ARM / FISHERS	P=0.204N	P=0.288N	P=0.382N	P=0.204N
ORDER RESTRICTED	P=0.291N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.311N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Adrenal Medulla
 Hyperplasia**

LESION RATES

OVERALL (a)	15/49 (31%)	19/50 (38%)	21/50 (42%)	18/50 (36%)
POLY-3 RATE (b)	15/42.90	19/42.76	21/41.22	18/39.73
POLY-3 PERCENT (g)	35%	44.4%	51%	45.3%
TERMINAL (d)	9/27 (33%)	10/23 (44%)	10/15 (67%)	10/16 (63%)
FIRST INCIDENCE	640	570	565	611

STATISTICAL TESTS

LIFE TABLE	P=0.021*	P=0.167	P=0.008**	P=0.035*
POLY 3	P=0.195	P=0.246	P=0.096	P=0.226
POLY 1.5	P=0.264	P=0.263	P=0.124	P=0.284
POLY 6	P=0.108	P=0.227	P=0.060	P=0.149
LOGISTIC REGRESSION	P=0.128	P=0.217	P=0.058	P=0.128
COCH-ARM / FISHERS	P=0.360	P=0.287	P=0.166	P=0.361
ORDER RESTRICTED	P=0.165	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.186	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Bone Marrow: Erythroid Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/41.74	1/41.12	2/39.85	1/38.56
POLY-3 PERCENT (g)	0%	2.4%	5%	2.6%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	---	632	565	556

STATISTICAL TESTS

LIFE TABLE	P=0.341	P=0.495	P=0.225	P=0.491
POLY 3	P=0.326	P=0.497	P=0.226	P=0.484
POLY 1.5	P=0.346	P=0.500	P=0.233	P=0.493
POLY 6	P=0.294	P=0.493	P=0.215	P=0.470
LOGISTIC REGRESSION	P=0.437	P=0.516	P=0.282	P=0.575
COCH-ARM / FISHERS	P=0.371	P=0.505	P=0.253	P=0.505
ORDER RESTRICTED	P=0.215	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.236	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Brain
 Compression**

LESION RATES

OVERALL (a)	10/49 (20%)	9/50 (18%)	18/50 (36%)	9/50 (18%)
POLY-3 RATE (b)	10/42.67	9/42.02	18/43.22	9/39.98
POLY-3 PERCENT (g)	23.4%	21.4%	41.6%	22.5%
TERMINAL (d)	5/27 (19%)	3/23 (13%)	3/15 (20%)	2/16 (13%)
FIRST INCIDENCE	652	597	509	591

STATISTICAL TESTS

LIFE TABLE	P=0.198	P=0.585N	P=0.013*	P=0.378
POLY 3	P=0.431	P=0.515N	P=0.054	P=0.564N
POLY 1.5	P=0.480	P=0.500N	P=0.058	P=0.527N
POLY 6	P=0.356	P=0.535N	P=0.046*	P=0.590
LOGISTIC REGRESSION	P=0.495	P=0.521N	P=0.060	P=0.563N
COCH-ARM / FISHERS	P=0.541	P=0.480N	P=0.066	P=0.480N
ORDER RESTRICTED	P=0.238	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.256	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Brain
 Hemorrhage**

LESION RATES

OVERALL (a)	0/49 (0%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	0/41.74	1/41.45	3/40.16	2/39.02
POLY-3 PERCENT (g)	0%	2.4%	7.5%	5.1%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	---	497	509	275

STATISTICAL TESTS

LIFE TABLE	P=0.133	P=0.504	P=0.103	P=0.190
POLY 3	P=0.137	P=0.499	P=0.111	P=0.222
POLY 1.5	P=0.152	P=0.501	P=0.116	P=0.232
POLY 6	P=0.115	P=0.495	P=0.103	P=0.206
LOGISTIC REGRESSION	P=0.250	P=0.499	P=0.152	P=0.342
COCH-ARM / FISHERS	P=0.167	P=0.505	P=0.125	P=0.253
ORDER RESTRICTED	P=0.101	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.117	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Brain
 Necrosis

LESION RATES

OVERALL (a)	1/49 (2%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/42.42	1/41.00	1/38.96	2/38.67
POLY-3 PERCENT (g)	2.4%	2.4%	2.6%	5.2%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	503	669	726	612

STATISTICAL TESTS

LIFE TABLE	P=0.287	P=0.757N	P=0.721	P=0.464
POLY 3	P=0.322	P=0.753	P=0.742	P=0.468
POLY 1.5	P=0.337	P=0.758	P=0.752	P=0.485
POLY 6	P=0.298	P=0.747	P=0.724	P=0.442
LOGISTIC REGRESSION	P=0.392	P=0.743N	P=0.727N	P=0.593
COCH-ARM / FISHERS	P=0.356	P=0.747N	P=0.747N	P=0.508
ORDER RESTRICTED	P=0.371	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.392	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Eye: Lens
 Cataract

LESION RATES

OVERALL (a)	1/49 (2%)	3/50 (6%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/41.74	3/41.19	2/39.57	0/38.00
POLY-3 PERCENT (g)	2.4%	7.3%	5.1%	0%
TERMINAL (d)	1/27 (4%)	1/23 (4%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	729 (T)	669	591	---

STATISTICAL TESTS

LIFE TABLE	P=0.352N	P=0.277	P=0.404	P=0.604N
POLY 3	P=0.281N	P=0.300	P=0.481	P=0.519N
POLY 1.5	P=0.261N	P=0.305	P=0.493	P=0.508N
POLY 6	P=0.317N	P=0.293	P=0.462	P=0.535N
LOGISTIC REGRESSION	P=0.252N	P=0.294	P=0.509	(e)
COCH-ARM / FISHERS	P=0.237N	P=0.316	P=0.508	P=0.495N
ORDER RESTRICTED	P=0.196N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.221N	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Heart
 Cardiomyopathy**

LESION RATES

OVERALL (a)	44/49 (90%)	44/50 (88%)	44/50 (88%)	43/50 (86%)
POLY-3 RATE (b)	44/47.71	44/46.55	44/47.24	43/47.11
POLY-3 PERCENT (g)	92.2%	94.5%	93.1%	91.3%
TERMINAL (d)	26/27 (96%)	23/23 (100%)	14/15 (93%)	15/16 (94%)
FIRST INCIDENCE	376	516	523	275

STATISTICAL TESTS

LIFE TABLE	P=0.012*	P=0.272	P=0.017*	P=0.027*
POLY 3	P=0.441N	P=0.484	P=0.598	P=0.591N
POLY 1.5	P=0.389N	P=0.595	P=0.639	P=0.502N
POLY 6	P=0.523N	P=0.371	P=0.563	P=0.676
LOGISTIC REGRESSION	P=0.531N	P=0.625N	P=0.626	P=0.516N
COCH-ARM / FISHERS	P=0.341N	P=0.514N	P=0.514N	P=0.394N
ORDER RESTRICTED	P=0.509N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.517N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Heart: Atrium
 Thrombosis

LESION RATES

OVERALL (a)	3/49 (6%)	6/50 (12%)	8/50 (16%)	5/50 (10%)
POLY-3 RATE (b)	3/42.00	6/42.13	8/41.15	5/39.62
POLY-3 PERCENT (g)	7.1%	14.2%	19.4%	12.6%
TERMINAL (d)	1/27 (4%)	0/23 (0%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	695	516	543	275

STATISTICAL TESTS

LIFE TABLE	P=0.195	P=0.219	P=0.050*	P=0.214
POLY 3	P=0.292	P=0.242	P=0.089	P=0.323
POLY 1.5	P=0.326	P=0.247	P=0.096	P=0.345
POLY 6	P=0.238	P=0.236	P=0.078	P=0.288
LOGISTIC REGRESSION	P=0.406	P=0.252	P=0.112	P=0.420
COCH-ARM / FISHERS	P=0.362	P=0.254	P=0.106	P=0.369
ORDER RESTRICTED	P=0.182	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.200	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Islets, Pancreatic
 Hyperplasia**

LESION RATES

OVERALL (a)	1/49 (2%)	5/50 (10%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/41.74	5/41.32	1/38.95	1/38.40
POLY-3 PERCENT (g)	2.4%	12.1%	2.6%	2.6%
TERMINAL (d)	1/27 (4%)	3/23 (13%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	729 (T)	632	729 (T)	617

STATISTICAL TESTS

LIFE TABLE	P=0.483N	P=0.081	P=0.626	P=0.685
POLY 3	P=0.355N	P=0.098	P=0.745	P=0.742
POLY 1.5	P=0.332N	P=0.101	P=0.754	P=0.752
POLY 6	P=0.395N	P=0.093	P=0.730	P=0.725
LOGISTIC REGRESSION	P=0.360N	P=0.094	P=0.626	P=0.765N
COCH-ARM / FISHERS	P=0.307N	P=0.107	P=0.747N	P=0.747N
ORDER RESTRICTED	P=0.268N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.289N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Kidney
 Cyst**

LESION RATES

OVERALL (a)	1/49 (2%)	2/50 (4%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/42.12	2/40.77	3/38.96	2/38.09
POLY-3 PERCENT (g)	2.4%	4.9%	7.7%	5.3%
TERMINAL (d)	0/27 (0%)	2/23 (9%)	2/15 (13%)	1/16 (6%)
FIRST INCIDENCE	624	729 (T)	726	708

STATISTICAL TESTS

LIFE TABLE	P=0.222	P=0.454	P=0.172	P=0.379
POLY 3	P=0.347	P=0.489	P=0.277	P=0.465
POLY 1.5	P=0.375	P=0.497	P=0.293	P=0.484
POLY 6	P=0.302	P=0.477	P=0.251	P=0.435
LOGISTIC REGRESSION	P=0.294	P=0.496	P=0.261	P=0.477
COCH-ARM / FISHERS	P=0.410	P=0.508	P=0.316	P=0.508
ORDER RESTRICTED	P=0.317	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.343	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM
Kidney Infarct				
LESION RATES				
OVERALL (a)	1/49 (2%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/41.74	1/41.44	2/39.45	0/38.00
POLY-3 PERCENT (g)	2.4%	2.4%	5.1%	0%
TERMINAL (d)	1/27 (4%)	0/23 (0%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	729 (T)	504	579	---
STATISTICAL TESTS				
LIFE TABLE	P=0.448N	P=0.745	P=0.364	P=0.604N
POLY 3	P=0.401N	P=0.759	P=0.480	P=0.519N
POLY 1.5	P=0.384N	P=0.759N	P=0.492	P=0.508N
POLY 6	P=0.431N	P=0.756	P=0.460	P=0.535N
LOGISTIC REGRESSION	P=0.330N	P=0.743N	P=0.498	(e)
COCH-ARM / FISHERS	P=0.362N	P=0.747N	P=0.508	P=0.495N
ORDER RESTRICTED	P=0.281N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.305N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Kidney
 Inflammation**

LESION RATES

OVERALL (a)	1/49 (2%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/42.12	2/41.00	2/39.37	1/38.95
POLY-3 PERCENT (g)	2.4%	4.9%	5.1%	2.6%
TERMINAL (d)	0/27 (0%)	1/23 (4%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	624	669	607	275

STATISTICAL TESTS

LIFE TABLE	P=0.569	P=0.476	P=0.408	P=0.743
POLY 3	P=0.590N	P=0.491	P=0.476	P=0.743
POLY 1.5	P=0.570N	P=0.498	P=0.490	P=0.754
POLY 6	P=0.581	P=0.481	P=0.453	P=0.724
LOGISTIC REGRESSION	P=0.476N	P=0.509	P=0.527	P=0.644N
COCH-ARM / FISHERS	P=0.550N	P=0.508	P=0.508	P=0.747N
ORDER RESTRICTED	P=0.525	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.538	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Kidney
 Nephropathy Chronic**

LESION RATES

OVERALL (a)	42/49 (86%)	47/50 (94%)	48/50 (96%)	48/50 (96%)
POLY-3 RATE (b)	42/46.27	47/48.17	48/48.68	48/48.52
POLY-3 PERCENT (g)	90.8%	97.6%	98.6%	98.9%
TERMINAL (d)	25/27 (93%)	23/23 (100%)	15/15 (100%)	16/16 (100%)
FIRST INCIDENCE	481	418	509	481

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.088	P=0.002**	P=0.002**
POLY 3	P=0.023*	P=0.125	P=0.075	P=0.059
POLY 1.5	P=0.024*	P=0.135	P=0.060	P=0.052
POLY 6	P=0.033*	P=0.122	P=0.109	P=0.086
LOGISTIC REGRESSION	P=0.009**	P=0.070	P=0.023*	P=0.015*
COCH-ARM / FISHERS	P=0.053	P=0.151	P=0.075	P=0.075
ORDER RESTRICTED	P=0.005**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.007**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Larynx
 Foreign Body

LESION RATES

OVERALL (a)	2/48 (4%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/41.28	3/40.94	1/38.95	0/38.00
POLY-3 PERCENT (g)	4.9%	7.3%	2.6%	0%
TERMINAL (d)	1/27 (4%)	2/23 (9%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	647	684	729 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.202N	P=0.446	P=0.656N	P=0.329N
POLY 3	P=0.119N	P=0.496	P=0.520N	P=0.256N
POLY 1.5	P=0.109N	P=0.506	P=0.504N	P=0.243N
POLY 6	P=0.139N	P=0.482	P=0.547N	P=0.278N
LOGISTIC REGRESSION	P=0.135N	P=0.492	P=0.534N	P=0.245N
COCH-ARM / FISHERS	P=0.098N	P=0.520	P=0.485N	P=0.237N
ORDER RESTRICTED	P=0.120N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.140N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Larynx
 Inflammation Chronic**

LESION RATES

OVERALL (a)	3/48 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/41.32	0/40.77	0/38.95	0/38.00
POLY-3 PERCENT (g)	7.3%	0%	0%	0%
TERMINAL (d)	1/27 (4%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	647	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.081N	P=0.142N	P=0.207N	P=0.211N
POLY 3	P=0.041N*	P=0.120N	P=0.129N	P=0.134N
POLY 1.5	P=0.041N*	P=0.116N	P=0.121N	P=0.123N
POLY 6	P=0.040N*	P=0.127N	P=0.144N	P=0.153N
LOGISTIC REGRESSION	P=0.053N	P=0.120N	P=0.131N	P=0.137N
COCH-ARM / FISHERS	P=0.045N*	P=0.114N	P=0.114N	P=0.114N
ORDER RESTRICTED	P=0.011N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.016N*	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Larynx
 Metaplasia

LESION RATES

OVERALL (a)	1/48 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/40.98	0/40.77	1/38.95	0/38.00
POLY-3 PERCENT (g)	2.4%	0%	2.6%	0%
TERMINAL (d)	1/27 (4%)	0/23 (0%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.522N	P=0.532N	P=0.626	P=0.604N
POLY 3	P=0.412N	P=0.501N	P=0.750	P=0.515N
POLY 1.5	P=0.406N	P=0.497N	P=0.759	P=0.504N
POLY 6	P=0.423N	P=0.507N	P=0.733	P=0.532N
LOGISTIC REGRESSION	P=0.522N	(e)	P=0.626	(e)
COCH-ARM / FISHERS	P=0.398N	P=0.490N	P=0.742N	P=0.490N
ORDER RESTRICTED	P=0.266N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.287N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Angiectasis

LESION RATES

OVERALL (a)	1/49 (2%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/41.88	3/41.40	0/38.95	0/38.00
POLY-3 PERCENT (g)	2.4%	7.3%	0%	0%
TERMINAL (d)	0/27 (0%)	2/23 (9%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	695	523	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.227N	P=0.264	P=0.554N	P=0.587N
POLY 3	P=0.171N	P=0.300	P=0.514N	P=0.519N
POLY 1.5	P=0.160N	P=0.306	P=0.506N	P=0.509N
POLY 6	P=0.191N	P=0.292	P=0.529N	P=0.536N
LOGISTIC REGRESSION	P=0.149N	P=0.317	P=0.515N	P=0.523N
COCH-ARM / FISHERS	P=0.150N	P=0.316	P=0.495N	P=0.495N
ORDER RESTRICTED	P=0.130N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.151N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Basophilic Focus

LESION RATES

OVERALL (a)	7/49 (14%)	18/50 (36%)	15/50 (30%)	4/50 (8%)
POLY-3 RATE (b)	7/42.64	18/42.94	15/40.23	4/38.65
POLY-3 PERCENT (g)	16.4%	41.9%	37.3%	10.4%
TERMINAL (d)	5/27 (19%)	10/23 (44%)	8/15 (53%)	3/16 (19%)
FIRST INCIDENCE	565	523	565	516

STATISTICAL TESTS

LIFE TABLE	P=0.431N	P=0.006**	P=0.002**	P=0.518N
POLY 3	P=0.145N	P=0.007**	P=0.025*	P=0.318N
POLY 1.5	P=0.104N	P=0.008**	P=0.034*	P=0.286N
POLY 6	P=0.238N	P=0.006**	P=0.014*	P=0.374N
LOGISTIC REGRESSION	P=0.139N	P=0.009**	P=0.021*	P=0.291N
COCH-ARM / FISHERS	P=0.076N	P=0.011*	P=0.050*	P=0.251N
ORDER RESTRICTED	P=0.015N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.023N*	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Clear Cell Focus

LESION RATES

OVERALL (a)	10/49 (20%)	13/50 (26%)	9/50 (18%)	4/50 (8%)
POLY-3 RATE (b)	10/41.88	13/41.74	9/39.23	4/38.65
POLY-3 PERCENT (g)	23.9%	31.1%	22.9%	10.4%
TERMINAL (d)	9/27 (33%)	11/23 (48%)	8/15 (53%)	3/16 (19%)
FIRST INCIDENCE	695	570	654	516

STATISTICAL TESTS

LIFE TABLE	P=0.238N	P=0.172	P=0.183	P=0.295N
POLY 3	P=0.044N*	P=0.307	P=0.565N	P=0.093N
POLY 1.5	P=0.035N*	P=0.321	P=0.526N	P=0.080N
POLY 6	P=0.066N	P=0.289	P=0.582	P=0.119N
LOGISTIC REGRESSION	P=0.091N	P=0.249	P=0.395	P=0.154N
COCH-ARM / FISHERS	P=0.028N*	P=0.337	P=0.480N	P=0.068N
ORDER RESTRICTED	P=0.042N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.055N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Degeneration Cystic

LESION RATES

OVERALL (a)	3/49 (6%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/41.78	1/40.77	1/38.95	2/38.00
POLY-3 PERCENT (g)	7.2%	2.5%	2.6%	5.3%
TERMINAL (d)	2/27 (7%)	1/23 (4%)	1/15 (7%)	2/16 (13%)
FIRST INCIDENCE	720	729 (T)	729 (T)	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.512	P=0.360N	P=0.519N	P=0.634
POLY 3	P=0.491N	P=0.313N	P=0.330N	P=0.543N
POLY 1.5	P=0.480N	P=0.307N	P=0.315N	P=0.519N
POLY 6	P=0.511N	P=0.323N	P=0.356N	P=0.581N
LOGISTIC REGRESSION	P=0.542	P=0.343N	P=0.454N	P=0.667
COCH-ARM / FISHERS	P=0.468N	P=0.301N	P=0.301N	P=0.490N
ORDER RESTRICTED	P=0.327N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.351N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Eosinophilic Focus

LESION RATES

OVERALL (a)	2/49 (4%)	4/50 (8%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	2/42.22	4/41.30	2/38.95	5/38.74
POLY-3 PERCENT (g)	4.7%	9.7%	5.1%	12.9%
TERMINAL (d)	1/27 (4%)	2/23 (9%)	2/15 (13%)	3/16 (19%)
FIRST INCIDENCE	589	570	729 (T)	611

STATISTICAL TESTS

LIFE TABLE	P=0.081	P=0.295	P=0.525	P=0.106
POLY 3	P=0.168	P=0.326	P=0.665	P=0.181
POLY 1.5	P=0.187	P=0.335	P=0.682	P=0.200
POLY 6	P=0.139	P=0.314	P=0.637	P=0.154
LOGISTIC REGRESSION	P=0.168	P=0.345	P=0.672	P=0.202
COCH-ARM / FISHERS	P=0.211	P=0.349	P=0.684N	P=0.226
ORDER RESTRICTED	P=0.136	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.156	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Hepatodiaphragmatic Nodule

LESION RATES

OVERALL (a)	0/49 (0%)	5/50 (10%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/41.74	5/41.51	2/39.41	1/38.21
POLY-3 PERCENT (g)	0%	12.1%	5.1%	2.6%
TERMINAL (d)	0/27 (0%)	3/23 (13%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	---	485	593	675

STATISTICAL TESTS

LIFE TABLE	P=0.531	P=0.027*	P=0.172	P=0.454
POLY 3	P=0.560N	P=0.029*	P=0.224	P=0.482
POLY 1.5	P=0.530N	P=0.031*	P=0.232	P=0.492
POLY 6	P=0.572	P=0.027*	P=0.211	P=0.467
LOGISTIC REGRESSION	P=0.504N	P=0.034*	P=0.247	P=0.499
COCH-ARM / FISHERS	P=0.493N	P=0.030*	P=0.253	P=0.505
ORDER RESTRICTED	P=0.127	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.147	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Inflammation Chronic

LESION RATES

OVERALL (a)	1/49 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/41.85	0/40.77	1/39.30	0/38.00
POLY-3 PERCENT (g)	2.4%	0%	2.5%	0%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	703	---	633	---

STATISTICAL TESTS

LIFE TABLE	P=0.459N	P=0.535N	P=0.707	P=0.578N
POLY 3	P=0.415N	P=0.505N	P=0.747	P=0.519N
POLY 1.5	P=0.409N	P=0.501N	P=0.755	P=0.509N
POLY 6	P=0.426N	P=0.511N	P=0.732	P=0.536N
LOGISTIC REGRESSION	P=0.401N	P=0.507N	P=0.757N	P=0.534N
COCH-ARM / FISHERS	P=0.402N	P=0.495N	P=0.747N	P=0.495N
ORDER RESTRICTED	P=0.271N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.294N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Mixed Cell Focus

LESION RATES

OVERALL (a)	2/49 (4%)	4/50 (8%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	2/41.74	4/40.77	5/40.08	3/38.00
POLY-3 PERCENT (g)	4.8%	9.8%	12.5%	7.9%
TERMINAL (d)	2/27 (7%)	4/23 (17%)	2/15 (13%)	3/16 (19%)
FIRST INCIDENCE	729 (T)	729 (T)	595	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.213	P=0.261	P=0.095	P=0.267
POLY 3	P=0.389	P=0.325	P=0.198	P=0.457
POLY 1.5	P=0.427	P=0.335	P=0.210	P=0.481
POLY 6	P=0.331	P=0.312	P=0.180	P=0.419
LOGISTIC REGRESSION	P=0.347	P=0.261	P=0.205	P=0.267
COCH-ARM / FISHERS	P=0.472	P=0.349	P=0.226	P=0.510
ORDER RESTRICTED	P=0.309	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.334	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Necrosis

LESION RATES

OVERALL (a)	1/49 (2%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/42.29	2/41.08	2/40.21	2/38.81
POLY-3 PERCENT (g)	2.4%	4.9%	5%	5.2%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	561	677	259	556

STATISTICAL TESTS

LIFE TABLE	P=0.359	P=0.476	P=0.484	P=0.466
POLY 3	P=0.380	P=0.490	P=0.482	P=0.470
POLY 1.5	P=0.402	P=0.497	P=0.495	P=0.487
POLY 6	P=0.345	P=0.481	P=0.460	P=0.445
LOGISTIC REGRESSION	P=0.537	P=0.524	P=0.647	P=0.592
COCH-ARM / FISHERS	P=0.429	P=0.508	P=0.508	P=0.508
ORDER RESTRICTED	P=0.427	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.447	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Vacuolization Cytoplasmic

LESION RATES

OVERALL (a)	7/49 (14%)	5/50 (10%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	7/42.93	5/41.89	3/39.42	3/38.73
POLY-3 PERCENT (g)	16.3%	11.9%	7.6%	7.8%
TERMINAL (d)	2/27 (7%)	3/23 (13%)	2/15 (13%)	1/16 (6%)
FIRST INCIDENCE	640	523	589	591

STATISTICAL TESTS

LIFE TABLE	P=0.245N	P=0.451N	P=0.336N	P=0.311N
POLY 3	P=0.130N	P=0.395N	P=0.192N	P=0.200N
POLY 1.5	P=0.116N	P=0.381N	P=0.171N	P=0.176N
POLY 6	P=0.159N	P=0.420N	P=0.232N	P=0.245N
LOGISTIC REGRESSION	P=0.104N	P=0.359N	P=0.164N	P=0.160N
COCH-ARM / FISHERS	P=0.100N	P=0.365N	P=0.151N	P=0.151N
ORDER RESTRICTED	P=0.165N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.191N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver: Hepatocyte
 Regeneration

LESION RATES

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.74	0/40.77	0/38.95	2/38.42
POLY-3 PERCENT (g)	0%	0%	0%	5.2%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	1/16 (6%)
FIRST INCIDENCE	---	---	---	611

STATISTICAL TESTS

LIFE TABLE	P=0.032*	(e)	(e)	P=0.176
POLY 3	P=0.042*	(e)	(e)	P=0.219
POLY 1.5	P=0.044*	(e)	(e)	P=0.229
POLY 6	P=0.039*	(e)	(e)	P=0.203
LOGISTIC REGRESSION	P=0.045*	(e)	(e)	P=0.237
COCH-ARM / FISHERS	P=0.047*	(e)	(e)	P=0.253
ORDER RESTRICTED	P=0.024*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.033*	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Lung
 Hemorrhage

LESION RATES

OVERALL (a)	0/49 (0%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	0/41.74	1/41.00	3/40.30	2/39.25
POLY-3 PERCENT (g)	0%	2.4%	7.4%	5.1%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	---	669	589	275

STATISTICAL TESTS

LIFE TABLE	P=0.141	P=0.506	P=0.111	P=0.217
POLY 3	P=0.140	P=0.496	P=0.112	P=0.223
POLY 1.5	P=0.153	P=0.500	P=0.116	P=0.232
POLY 6	P=0.119	P=0.492	P=0.104	P=0.209
LOGISTIC REGRESSION	P=0.242	P=0.507	P=0.154	P=0.353
COCH-ARM / FISHERS	P=0.167	P=0.505	P=0.125	P=0.253
ORDER RESTRICTED	P=0.101	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.116	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lung
 Inflammation**

LESION RATES

OVERALL (a)	0/49 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.74	1/40.94	0/38.95	2/38.67
POLY-3 PERCENT (g)	0%	2.4%	0%	5.2%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	---	684	---	592

STATISTICAL TESTS

LIFE TABLE	P=0.108	P=0.482	(e)	P=0.209
POLY 3	P=0.127	P=0.496	(e)	P=0.220
POLY 1.5	P=0.133	P=0.500	(e)	P=0.230
POLY 6	P=0.116	P=0.492	(e)	P=0.206
LOGISTIC REGRESSION	P=0.150	P=0.502	(e)	P=0.266
COCH-ARM / FISHERS	P=0.142	P=0.505	(e)	P=0.253
ORDER RESTRICTED	P=0.064	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.078	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lung: Alveolar Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	8/49 (16%)	12/50 (24%)	11/50 (22%)	7/50 (14%)
POLY-3 RATE (b)	8/42.22	12/41.42	11/39.72	7/38.93
POLY-3 PERCENT (g)	19%	29%	27.7%	18%
TERMINAL (d)	7/27 (26%)	9/23 (39%)	5/15 (33%)	4/16 (25%)
FIRST INCIDENCE	589	632	645	591

STATISTICAL TESTS

LIFE TABLE	P=0.298	P=0.131	P=0.051	P=0.366
POLY 3	P=0.426N	P=0.204	P=0.248	P=0.569N
POLY 1.5	P=0.377N	P=0.221	P=0.280	P=0.531N
POLY 6	P=0.511N	P=0.185	P=0.200	P=0.600
LOGISTIC REGRESSION	P=0.550N	P=0.177	P=0.162	P=0.595
COCH-ARM / FISHERS	P=0.320N	P=0.242	P=0.323	P=0.483N
ORDER RESTRICTED	P=0.352N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.371N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lung: Alveolar Epithelium
 Metaplasia**

LESION RATES

OVERALL (a)	2/49 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/41.85	1/40.77	0/38.95	1/38.00
POLY-3 PERCENT (g)	4.8%	2.5%	0%	2.6%
TERMINAL (d)	1/27 (4%)	1/23 (4%)	0/15 (0%)	1/16 (6%)
FIRST INCIDENCE	703	729 (T)	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.518N	P=0.557N	P=0.346N	P=0.663N
POLY 3	P=0.373N	P=0.509N	P=0.253N	P=0.534N
POLY 1.5	P=0.368N	P=0.502N	P=0.244N	P=0.515N
POLY 6	P=0.384N	P=0.519N	P=0.270N	P=0.563N
LOGISTIC REGRESSION	P=0.477N	P=0.529N	P=0.286N	P=0.619N
COCH-ARM / FISHERS	P=0.362N	P=0.492N	P=0.242N	P=0.492N
ORDER RESTRICTED	P=0.256N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.280N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Lung: Alveolus
 Infiltration Cellular Histiocyte

LESION RATES

OVERALL (a)	4/49 (8%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	4/41.98	1/40.88	0/38.95	1/38.54
POLY-3 PERCENT (g)	9.5%	2.5%	0%	2.6%
TERMINAL (d)	3/27 (11%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	667	701	---	565

STATISTICAL TESTS

LIFE TABLE	P=0.182N	P=0.219N	P=0.138N	P=0.308N
POLY 3	P=0.103N	P=0.186N	P=0.070N	P=0.205N
POLY 1.5	P=0.101N	P=0.180N	P=0.064N	P=0.190N
POLY 6	P=0.108N	P=0.194N	P=0.080N	P=0.231N
LOGISTIC REGRESSION	P=0.113N	P=0.194N	P=0.088N	P=0.190N
COCH-ARM / FISHERS	P=0.101N	P=0.175N	P=0.056N	P=0.175N
ORDER RESTRICTED	P=0.034N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.046N*	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lymph Node, Bronchial
 Angiectasis**

LESION RATES

OVERALL (a)	1/6 (17%)	0/4 (0%)	2/8 (25%)	0/7 (0%)
POLY-3 RATE (b)	1/5.58	0/3.49	2/5.47	0/5.81
POLY-3 PERCENT (g)	17.9%	0%	36.6%	0%
TERMINAL (d)	1/4 (25%)	0/2 (0%)	1/1 (100%)	0/3 (0%)
FIRST INCIDENCE	729 (T)	---	703	---

STATISTICAL TESTS

LIFE TABLE	P=0.542N	P=0.638N	P=0.156	P=0.557N
POLY 3	P=0.406N	P=0.592N	P=0.492	P=0.492N
POLY 1.5	P=0.395N	P=0.586N	P=0.544	P=0.482N
POLY 6	P=0.419N	P=0.600N	P=0.420	P=0.504N
LOGISTIC REGRESSION	P=0.458N	(e)	P=0.238	(e)
COCH-ARM / FISHERS	P=0.377N	P=0.600N	P=0.615	P=0.462N
ORDER RESTRICTED	P=0.233N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.256N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lymph Node, Bronchial
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	1/6 (17%)	2/4 (50%)	1/8 (13%)	0/7 (0%)
POLY-3 RATE (b)	1/5.58	2/3.60	1/5.43	0/5.81
POLY-3 PERCENT (g)	17.9%	55.6%	18.4%	0%
TERMINAL (d)	1/4 (25%)	1/2 (50%)	0/1 (0%)	0/3 (0%)
FIRST INCIDENCE	729 (T)	701	713	---

STATISTICAL TESTS

LIFE TABLE	P=0.348N	P=0.318	P=0.546	P=0.557N
POLY 3	P=0.186N	P=0.324	P=0.762	P=0.492N
POLY 1.5	P=0.173N	P=0.332	P=0.741N	P=0.482N
POLY 6	P=0.207N	P=0.315	P=0.718	P=0.504N
LOGISTIC REGRESSION	P=0.231N	P=0.270	P=0.628	(e)
COCH-ARM / FISHERS	P=0.164N	P=0.333	P=0.692N	P=0.462N
ORDER RESTRICTED	P=0.104N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.113N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lymph Node, Mediastinal
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	3/24 (13%)	1/24 (4%)	3/24 (13%)	2/26 (8%)
POLY-3 RATE (b)	3/21.34	1/20.34	3/19.60	2/21.51
POLY-3 PERCENT (g)	14.1%	4.9%	15.3%	9.3%
TERMINAL (d)	2/16 (13%)	1/11 (9%)	1/10 (10%)	2/13 (15%)
FIRST INCIDENCE	628	729 (T)	633	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.582	P=0.413N	P=0.515	P=0.592N
POLY 3	P=0.510N	P=0.318N	P=0.627	P=0.496N
POLY 1.5	P=0.498N	P=0.310N	P=0.641	P=0.480N
POLY 6	P=0.528N	P=0.335N	P=0.608	P=0.523N
LOGISTIC REGRESSION	P=0.509N	P=0.311N	P=0.657	P=0.500N
COCH-ARM / FISHERS	P=0.485N	P=0.304N	P=0.667N	P=0.461N
ORDER RESTRICTED	P=0.484N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.496N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Lymph Node, Mesenteric
 Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	1/49 (2%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	1/41.85	0/40.77	2/39.37	0/37.00
POLY-3 PERCENT (g)	2.4%	0%	5.1%	0%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/15 (0%)
FIRST INCIDENCE	703	---	645	---

STATISTICAL TESTS

LIFE TABLE	P=0.545N	P=0.535N	P=0.416	P=0.578N
POLY 3	P=0.494N	P=0.505N	P=0.479	P=0.524N
POLY 1.5	P=0.479N	P=0.501N	P=0.491	P=0.513N
POLY 6	P=0.518N	P=0.511N	P=0.458	P=0.542N
LOGISTIC REGRESSION	P=0.481N	P=0.507N	P=0.493	P=0.541N
COCH-ARM / FISHERS	P=0.462N	P=0.495N	P=0.508	P=0.500N
ORDER RESTRICTED	P=0.338N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.363N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lymph Node, Mesenteric
 Infiltration Cellular Histiocyte**

LESION RATES

OVERALL (a)	9/49 (18%)	5/50 (10%)	5/50 (10%)	3/49 (6%)
POLY-3 RATE (b)	9/42.06	5/40.88	5/39.03	3/37.00
POLY-3 PERCENT (g)	21.4%	12.2%	12.8%	8.1%
TERMINAL (d)	7/27 (26%)	4/23 (17%)	4/15 (27%)	3/15 (20%)
FIRST INCIDENCE	673	701	709	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.275N	P=0.284N	P=0.576N	P=0.271N
POLY 3	P=0.075N	P=0.204N	P=0.232N	P=0.089N
POLY 1.5	P=0.064N	P=0.194N	P=0.208N	P=0.075N
POLY 6	P=0.097N	P=0.220N	P=0.278N	P=0.120N
LOGISTIC REGRESSION	P=0.190N	P=0.236N	P=0.381N	P=0.194N
COCH-ARM / FISHERS	P=0.054N	P=0.183N	P=0.183N	P=0.060N
ORDER RESTRICTED	P=0.064N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.083N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lymph Node: Pancreatic
 Angiectasis**

LESION RATES

OVERALL (a)	2/5 (40%)	0/3 (0%)	0/7 (0%)	2/8 (25%)
POLY-3 RATE (b)	2/4.46	0/1.83	0/5.09	2/5.98
POLY-3 PERCENT (g)	44.9%	0%	0%	33.5%
TERMINAL (d)	1/3 (33%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	647	---	---	544

STATISTICAL TESTS

LIFE TABLE	P=0.286	P=0.505N	P=0.380N	P=0.446
POLY 3	P=0.538N	P=0.445N	P=0.163N	P=0.603N
POLY 1.5	P=0.548N	P=0.394N	P=0.144N	P=0.560N
POLY 6	P=0.549N	P=0.530N	P=0.213N	P=0.685N
LOGISTIC REGRESSION	P=0.580N	P=0.461N	P=0.182N	P=0.524N
COCH-ARM / FISHERS	P=0.568N	P=0.357N	P=0.152N	P=0.510N
ORDER RESTRICTED	P=0.169N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.197N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Mammary Gland
 Galactocele**

LESION RATES

OVERALL (a)	0/30 (0%)	1/29 (3%)	1/28 (4%)	3/34 (9%)
POLY-3 RATE (b)	0/26.25	1/23.73	1/23.66	3/27.53
POLY-3 PERCENT (g)	0%	4.2%	4.2%	10.9%
TERMINAL (d)	0/17 (0%)	1/15 (7%)	0/11 (0%)	2/12 (17%)
FIRST INCIDENCE	---	729 (T)	713	661

STATISTICAL TESTS

LIFE TABLE	P=0.026*	P=0.475	P=0.416	P=0.075
POLY 3	P=0.063	P=0.480	P=0.479	P=0.123
POLY 1.5	P=0.068	P=0.485	P=0.483	P=0.131
POLY 6	P=0.055	P=0.474	P=0.473	P=0.111
LOGISTIC REGRESSION	P=0.048*	P=0.475	P=0.469	P=0.107
COCH-ARM / FISHERS	P=0.072	P=0.492	P=0.483	P=0.144
ORDER RESTRICTED	P=0.039*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.051	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Mesentery
 Necrosis

LESION RATES

OVERALL (a)	10/11 (91%)	14/14 (100%)	7/7 (100%)	2/3 (67%)
POLY-3 RATE (b)	10/10.77	14/14.00	7/7.00	2/2.75
POLY-3 PERCENT (g)	92.9%	100%	100%	72.9%
TERMINAL (d)	5/5 (100%)	9/9 (100%)	2/2 (100%)	2/2 (100%)
FIRST INCIDENCE	628	485	595	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.085N	P=0.592	P=0.475	P=0.070N
POLY 3	P=0.409N	P=0.570	P=0.698	P=0.556N
POLY 1.5	P=0.361N	P=0.507	P=0.641	P=0.499N
POLY 6	P=0.517N	P=0.714	P=0.816	P=0.688N
LOGISTIC REGRESSION	P=0.308N	P=0.431	P=0.557	P=0.357N
COCH-ARM / FISHERS	P=0.322N	P=0.440	P=0.611	P=0.396N
ORDER RESTRICTED	P=0.165N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.086N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose
 Foreign Body

LESION RATES

OVERALL (a)	7/49 (14%)	8/49 (16%)	6/50 (12%)	8/49 (16%)
POLY-3 RATE (b)	7/42.99	8/40.50	6/40.31	8/38.86
POLY-3 PERCENT (g)	16.3%	19.8%	14.9%	20.6%
TERMINAL (d)	3/27 (11%)	6/23 (26%)	1/15 (7%)	5/16 (31%)
FIRST INCIDENCE	481	726	595	556

STATISTICAL TESTS

LIFE TABLE	P=0.181	P=0.397	P=0.508	P=0.220
POLY 3	P=0.406	P=0.449	P=0.550N	P=0.414
POLY 1.5	P=0.443	P=0.473	P=0.522N	P=0.453
POLY 6	P=0.345	P=0.415	P=0.593N	P=0.353
LOGISTIC REGRESSION	P=0.404	P=0.469	P=0.481N	P=0.465
COCH-ARM / FISHERS	P=0.488	P=0.500	P=0.484N	P=0.500
ORDER RESTRICTED	P=0.481	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.498	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose
 Inflammation Chronic**

LESION RATES

OVERALL (a)	9/49 (18%)	12/49 (24%)	22/50 (44%)	28/49 (57%)
POLY-3 RATE (b)	9/43.11	12/41.62	22/43.79	28/43.23
POLY-3 PERCENT (g)	20.9%	28.8%	50.2%	64.8%
TERMINAL (d)	4/27 (15%)	7/23 (30%)	4/15 (27%)	11/16 (69%)
FIRST INCIDENCE	565	516	523	516

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.227	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.274	P=0.003**	P<0.001**
POLY 1.5	P<0.001**	P=0.292	P=0.003**	P<0.001**
POLY 6	P<0.001**	P=0.248	P=0.002**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.291	P=0.005**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.312	P=0.005**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Glands, Respiratory Epithelium
 Hyperplasia

LESION RATES

OVERALL (a)	3/49 (6%)	14/49 (29%)	39/50 (78%)	45/49 (92%)
POLY-3 RATE (b)	3/42.42	14/41.46	39/46.97	45/47.34
POLY-3 PERCENT (g)	7.1%	33.8%	83%	95.1%
TERMINAL (d)	2/27 (7%)	8/23 (35%)	11/15 (73%)	15/16 (94%)
FIRST INCIDENCE	503	597	523	481

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.002**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.002**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.002**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.003**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.003**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Nasolacrimal Duct
 Inflammation Chronic**

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/41.74	0/40.47	0/38.95	0/37.71
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Requested: 08/09/2006
 Time Report Requested: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Olfactory Epithelium
 Accumulation, Hyaline Droplet

LESION RATES

OVERALL (a)	0/49 (0%)	5/49 (10%)	4/50 (8%)	7/49 (14%)
POLY-3 RATE (b)	0/41.74	5/41.36	4/39.41	7/39.86
POLY-3 PERCENT (g)	0%	12.1%	10.2%	17.6%
TERMINAL (d)	0/27 (0%)	2/23 (9%)	2/15 (13%)	2/16 (13%)
FIRST INCIDENCE	---	614	626	516

STATISTICAL TESTS

LIFE TABLE	P=0.005**	P=0.030*	P=0.025*	P=0.005**
POLY 3	P=0.012*	P=0.029*	P=0.052	P=0.006**
POLY 1.5	P=0.014*	P=0.030*	P=0.057	P=0.007**
POLY 6	P=0.009**	P=0.028*	P=0.046*	P=0.005**
LOGISTIC REGRESSION	P=0.017*	P=0.033*	P=0.050*	P=0.012*
COCH-ARM / FISHERS	P=0.017*	P=0.028*	P=0.061	P=0.006**
ORDER RESTRICTED	P=0.004**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.006**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Olfactory Epithelium
 Atrophy**

LESION RATES

OVERALL (a)	1/49 (2%)	21/49 (43%)	26/50 (52%)	26/49 (53%)
POLY-3 RATE (b)	1/41.74	21/43.80	26/43.86	26/45.60
POLY-3 PERCENT (g)	2.4%	48%	59.3%	57%
TERMINAL (d)	1/27 (4%)	9/23 (39%)	9/15 (60%)	6/16 (38%)
FIRST INCIDENCE	729 (T)	523	523	275

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Requested: 08/09/2006
 Time Report Requested: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Olfactory Epithelium
 Degeneration

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	1/50 (2%)	7/49 (14%)
POLY-3 RATE (b)	0/41.74	0/40.47	1/39.07	7/40.63
POLY-3 PERCENT (g)	0%	0%	2.6%	17.2%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	698	481

STATISTICAL TESTS

LIFE TABLE	P<0.001**	(e)	P=0.459	P=0.007**
POLY 3	P<0.001**	(e)	P=0.487	P=0.006**
POLY 1.5	P<0.001**	(e)	P=0.495	P=0.007**
POLY 6	P<0.001**	(e)	P=0.474	P=0.005**
LOGISTIC REGRESSION	P<0.001**	(e)	P=0.481	P=0.015*
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.505	P=0.006**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Olfactory Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	1/49 (2%)	3/50 (6%)	5/49 (10%)
POLY-3 RATE (b)	0/41.74	1/40.47	3/39.59	5/38.24
POLY-3 PERCENT (g)	0%	2.5%	7.6%	13.1%
TERMINAL (d)	0/27 (0%)	1/23 (4%)	0/15 (0%)	4/16 (25%)
FIRST INCIDENCE	---	729 (T)	593	565

STATISTICAL TESTS

LIFE TABLE	P=0.002**	P=0.468	P=0.084	P=0.009**
POLY 3	P=0.006**	P=0.494	P=0.109	P=0.023*
POLY 1.5	P=0.007**	P=0.497	P=0.115	P=0.026*
POLY 6	P=0.004**	P=0.489	P=0.099	P=0.018*
LOGISTIC REGRESSION	P=0.006**	P=0.468	P=0.123	P=0.022*
COCH-ARM / FISHERS	P=0.009**	P=0.500	P=0.125	P=0.028*
ORDER RESTRICTED	P=0.006**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.009**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Olfactory Epithelium
 Hyperplasia Basal Cell**

LESION RATES

OVERALL (a)	0/49 (0%)	19/49 (39%)	42/50 (84%)	42/49 (86%)
POLY-3 RATE (b)	0/41.74	19/42.29	42/47.85	42/46.77
POLY-3 PERCENT (g)	0%	44.9%	87.8%	89.8%
TERMINAL (d)	0/27 (0%)	12/23 (52%)	13/15 (87%)	15/16 (94%)
FIRST INCIDENCE	---	582	259	481

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Olfactory Epithelium
 Metaplasia Respiratory

LESION RATES

OVERALL (a)	1/49 (2%)	10/49 (20%)	18/50 (36%)	29/49 (59%)
POLY-3 RATE (b)	1/41.88	10/41.36	18/41.06	29/42.18
POLY-3 PERCENT (g)	2.4%	24.2%	43.8%	68.8%
TERMINAL (d)	0/27 (0%)	7/23 (30%)	5/15 (33%)	12/16 (75%)
FIRST INCIDENCE	695	597	589	481

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.003**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.003**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.004**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.003**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.004**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.004**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Olfactory Epithelium
 Necrosis

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	2/50 (4%)	6/49 (12%)
POLY-3 RATE (b)	0/41.74	0/40.47	2/39.26	6/38.66
POLY-3 PERCENT (g)	0%	0%	5.1%	15.5%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	1/15 (7%)	4/16 (25%)
FIRST INCIDENCE	---	---	645	516

STATISTICAL TESTS

LIFE TABLE	P<0.001**	(e)	P=0.164	P=0.004**
POLY 3	P<0.001**	(e)	P=0.223	P=0.011*
POLY 1.5	P<0.001**	(e)	P=0.232	P=0.013*
POLY 6	P<0.001**	(e)	P=0.210	P=0.008**
LOGISTIC REGRESSION	P<0.001**	(e)	P=0.227	P=0.015*
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.253	P=0.013*
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Olfactory Epithelium, Glands
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	4/49 (8%)
POLY-3 RATE (b)	0/41.74	0/40.47	0/38.95	4/38.51
POLY-3 PERCENT (g)	0%	0%	0%	10.4%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	1/16 (6%)
FIRST INCIDENCE	---	---	---	611

STATISTICAL TESTS

LIFE TABLE	P=0.002**	(e)	(e)	P=0.035*
POLY 3	P=0.002**	(e)	(e)	P=0.050*
POLY 1.5	P=0.002**	(e)	(e)	P=0.054
POLY 6	P=0.002**	(e)	(e)	P=0.043*
LOGISTIC REGRESSION	P=0.003**	(e)	(e)	P=0.059
COCH-ARM / FISHERS	P=0.003**	(e)	(e)	P=0.059
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.002**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Respiratory Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	5/49 (10%)	21/49 (43%)	44/50 (88%)	42/49 (86%)
POLY-3 RATE (b)	5/43.25	21/43.99	44/48.70	42/47.81
POLY-3 PERCENT (g)	11.6%	47.7%	90.4%	87.9%
TERMINAL (d)	2/27 (7%)	7/23 (30%)	12/15 (80%)	12/16 (75%)
FIRST INCIDENCE	481	570	259	275

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Respiratory Epithelium
 Metaplasia

LESION RATES

OVERALL (a)	2/49 (4%)	2/49 (4%)	2/50 (4%)	4/49 (8%)
POLY-3 RATE (b)	2/42.59	2/41.00	2/39.59	4/38.65
POLY-3 PERCENT (g)	4.7%	4.9%	5.1%	10.4%
TERMINAL (d)	0/27 (0%)	1/23 (4%)	0/15 (0%)	1/16 (6%)
FIRST INCIDENCE	481	570	607	611

STATISTICAL TESTS

LIFE TABLE	P=0.149	P=0.663	P=0.644	P=0.237
POLY 3	P=0.189	P=0.681	P=0.668	P=0.292
POLY 1.5	P=0.204	P=0.686	P=0.682	P=0.312
POLY 6	P=0.167	P=0.672	P=0.644	P=0.263
LOGISTIC REGRESSION	P=0.256	P=0.683N	P=0.634N	P=0.384
COCH-ARM / FISHERS	P=0.221	P=0.691N	P=0.684N	P=0.339
ORDER RESTRICTED	P=0.231	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.253	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Pancreas: Acinus
 Atrophy**

LESION RATES

OVERALL (a)	24/49 (49%)	21/50 (42%)	22/50 (44%)	26/50 (52%)
POLY-3 RATE (b)	24/45.27	21/43.11	22/42.94	26/43.77
POLY-3 PERCENT (g)	53%	48.7%	51.2%	59.4%
TERMINAL (d)	14/27 (52%)	13/23 (57%)	7/15 (47%)	6/16 (38%)
FIRST INCIDENCE	481	570	523	516

STATISTICAL TESTS

LIFE TABLE	P=0.027*	P=0.541N	P=0.191	P=0.071
POLY 3	P=0.251	P=0.423N	P=0.519N	P=0.343
POLY 1.5	P=0.283	P=0.374N	P=0.461N	P=0.388
POLY 6	P=0.212	P=0.481N	P=0.576	P=0.294
LOGISTIC REGRESSION	P=0.245	P=0.349N	P=0.436N	P=0.415
COCH-ARM / FISHERS	P=0.335	P=0.310N	P=0.384N	P=0.460
ORDER RESTRICTED	P=0.320	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.334	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
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Date Report Reqsted: 08/09/2006
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Pancreas: Acinus
 Hyperplasia**

LESION RATES

OVERALL (a)	3/49 (6%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/42.29	1/40.77	1/39.26	1/38.00
POLY-3 PERCENT (g)	7.1%	2.5%	2.6%	2.6%
TERMINAL (d)	2/27 (7%)	1/23 (4%)	0/15 (0%)	1/16 (6%)
FIRST INCIDENCE	561	729 (T)	645	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.374N	P=0.354N	P=0.429N	P=0.459N
POLY 3	P=0.256N	P=0.318N	P=0.332N	P=0.344N
POLY 1.5	P=0.247N	P=0.309N	P=0.317N	P=0.323N
POLY 6	P=0.272N	P=0.330N	P=0.357N	P=0.379N
LOGISTIC REGRESSION	P=0.261N	P=0.304N	P=0.289N	P=0.326N
COCH-ARM / FISHERS	P=0.237N	P=0.301N	P=0.301N	P=0.301N
ORDER RESTRICTED	P=0.225N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.251N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Parathyroid Gland
 Hyperplasia**

LESION RATES

OVERALL (a)	0/47 (0%)	2/44 (5%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.96	2/36.00	0/38.06	0/38.00
POLY-3 PERCENT (g)	0%	5.6%	0%	0%
TERMINAL (d)	0/26 (0%)	1/20 (5%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	---	659	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.480N	P=0.211	(e)	(e)
POLY 3	P=0.417N	P=0.214	(e)	(e)
POLY 1.5	P=0.403N	P=0.218	(e)	(e)
POLY 6	P=0.441N	P=0.209	(e)	(e)
LOGISTIC REGRESSION	P=0.414N	P=0.215	(e)	(e)
COCH-ARM / FISHERS	P=0.388N	P=0.231	(e)	(e)
ORDER RESTRICTED	P=0.237N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.260N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Pituitary Gland
 Hemorrhage**

LESION RATES

OVERALL (a)	0/49 (0%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/41.74	1/41.24	3/40.15	0/38.00
POLY-3 PERCENT (g)	0%	2.4%	7.5%	0%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	---	589	591	---

STATISTICAL TESTS

LIFE TABLE	P=0.606	P=0.491	P=0.110	(e)
POLY 3	P=0.570	P=0.498	P=0.111	(e)
POLY 1.5	P=0.602	P=0.500	P=0.116	(e)
POLY 6	P=0.517	P=0.494	P=0.103	(e)
LOGISTIC REGRESSION	P=0.573N	P=0.520	P=0.148	(e)
COCH-ARM / FISHERS	P=0.629N	P=0.505	P=0.125	(e)
ORDER RESTRICTED	P=0.212	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.237	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Pituitary Gland: Pars Distalis
 Cyst

LESION RATES

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.74	0/40.77	0/38.95	0/38.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Pituitary Gland: Pars Distalis
 Hyperplasia**

LESION RATES

OVERALL (a)	8/49 (16%)	6/50 (12%)	6/50 (12%)	13/50 (26%)
POLY-3 RATE (b)	8/43.73	6/41.08	6/40.49	13/41.29
POLY-3 PERCENT (g)	18.3%	14.6%	14.8%	31.5%
TERMINAL (d)	3/27 (11%)	3/23 (13%)	0/15 (0%)	4/16 (25%)
FIRST INCIDENCE	565	684	565	516

STATISTICAL TESTS

LIFE TABLE	P=0.020*	P=0.477N	P=0.564N	P=0.061
POLY 3	P=0.056	P=0.435N	P=0.446N	P=0.121
POLY 1.5	P=0.065	P=0.406N	P=0.413N	P=0.143
POLY 6	P=0.045*	P=0.475N	P=0.499N	P=0.093
LOGISTIC REGRESSION	P=0.078	P=0.376N	P=0.334N	P=0.207
COCH-ARM / FISHERS	P=0.079	P=0.371N	P=0.371N	P=0.176
ORDER RESTRICTED	P=0.047*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.058	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Preputial Gland
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	2/49 (4%)
POLY-3 RATE (b)	0/41.74	0/40.03	0/38.95	2/37.90
POLY-3 PERCENT (g)	0%	0%	0%	5.3%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	0/15 (0%)	1/16 (6%)
FIRST INCIDENCE	---	---	---	481

STATISTICAL TESTS

LIFE TABLE	P=0.033*	(e)	(e)	P=0.185
POLY 3	P=0.041*	(e)	(e)	P=0.216
POLY 1.5	P=0.043*	(e)	(e)	P=0.225
POLY 6	P=0.039*	(e)	(e)	P=0.201
LOGISTIC REGRESSION	P=0.056	(e)	(e)	P=0.280
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
ORDER RESTRICTED	P=0.023*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.032*	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Preputial Gland
Inflammation Chronic

LESION RATES

OVERALL (a)	18/49 (37%)	12/49 (24%)	11/50 (22%)	12/49 (24%)
POLY-3 RATE (b)	18/43.88	12/41.83	11/40.10	12/39.01
POLY-3 PERCENT (g)	41%	28.7%	27.4%	30.8%
TERMINAL (d)	11/27 (41%)	5/23 (22%)	6/15 (40%)	8/16 (50%)
FIRST INCIDENCE	503	523	565	275

STATISTICAL TESTS

LIFE TABLE	P=0.477	P=0.249N	P=0.511N	P=0.586N
POLY 3	P=0.215N	P=0.162N	P=0.135N	P=0.225N
POLY 1.5	P=0.176N	P=0.150N	P=0.108N	P=0.177N
POLY 6	P=0.296N	P=0.175N	P=0.190N	P=0.317N
LOGISTIC REGRESSION	P=0.211N	P=0.151N	P=0.130N	P=0.187N
COCH-ARM / FISHERS	P=0.143N	P=0.137N	P=0.082N	P=0.137N
ORDER RESTRICTED	P=0.178N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.205N	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Prostate
Hyperplasia

LESION RATES

OVERALL (a)	9/49 (18%)	2/50 (4%)	10/50 (20%)	8/50 (16%)
POLY-3 RATE (b)	9/42.05	2/40.80	10/40.52	8/39.15
POLY-3 PERCENT (g)	21.4%	4.9%	24.7%	20.4%
TERMINAL (d)	8/27 (30%)	1/23 (4%)	4/15 (27%)	4/16 (25%)
FIRST INCIDENCE	647	721	591	565

STATISTICAL TESTS

LIFE TABLE	P=0.108	P=0.045N*	P=0.145	P=0.328
POLY 3	P=0.328	P=0.027N*	P=0.463	P=0.566N
POLY 1.5	P=0.356	P=0.025N*	P=0.488	P=0.528N
POLY 6	P=0.283	P=0.029N*	P=0.423	P=0.595
LOGISTIC REGRESSION	P=0.260	P=0.034N*	P=0.391	P=0.553
COCH-ARM / FISHERS	P=0.393	P=0.023N*	P=0.520	P=0.482N
ORDER RESTRICTED	P=0.208	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.228	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Prostate
 Inflammation**

LESION RATES

OVERALL (a)	31/49 (63%)	41/50 (82%)	36/50 (72%)	34/50 (68%)
POLY-3 RATE (b)	31/45.95	41/48.05	36/45.84	34/44.03
POLY-3 PERCENT (g)	67.5%	85.3%	78.5%	77.2%
TERMINAL (d)	16/27 (59%)	19/23 (83%)	10/15 (67%)	12/16 (75%)
FIRST INCIDENCE	481	485	509	565

STATISTICAL TESTS

LIFE TABLE	P=0.027*	P=0.033*	P=0.014*	P=0.022*
POLY 3	P=0.296	P=0.029*	P=0.157	P=0.200
POLY 1.5	P=0.403	P=0.028*	P=0.185	P=0.267
POLY 6	P=0.189	P=0.034*	P=0.127	P=0.138
LOGISTIC REGRESSION	P=0.435	P=0.027*	P=0.177	P=0.235
COCH-ARM / FISHERS	P=0.511N	P=0.030*	P=0.238	P=0.388
ORDER RESTRICTED	P=0.092	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.102	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Prostate
 Inflammation Chronic**

LESION RATES

OVERALL (a)	4/49 (8%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	4/41.74	0/40.77	1/38.95	2/38.26
POLY-3 PERCENT (g)	9.6%	0%	2.6%	5.2%
TERMINAL (d)	4/27 (15%)	0/23 (0%)	1/15 (7%)	1/16 (6%)
FIRST INCIDENCE	729 (T)	---	729 (T)	661

STATISTICAL TESTS

LIFE TABLE	P=0.574N	P=0.083N	P=0.389N	P=0.564N
POLY 3	P=0.377N	P=0.063N	P=0.199N	P=0.377N
POLY 1.5	P=0.371N	P=0.060N	P=0.187N	P=0.355N
POLY 6	P=0.387N	P=0.065N	P=0.221N	P=0.414N
LOGISTIC REGRESSION	P=0.504N	(e)	P=0.389N	P=0.483N
COCH-ARM / FISHERS	P=0.366N	P=0.056N	P=0.175N	P=0.329N
ORDER RESTRICTED	P=0.093N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.110N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Skin
 Cyst Epithelial Inclusion**

LESION RATES

OVERALL (a)	2/49 (4%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	2/41.96	0/40.77	3/39.36	0/38.00
POLY-3 PERCENT (g)	4.8%	0%	7.6%	0%
TERMINAL (d)	1/27 (4%)	0/23 (0%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	673	---	645	---

STATISTICAL TESTS

LIFE TABLE	P=0.416N	P=0.264N	P=0.340	P=0.324N
POLY 3	P=0.324N	P=0.243N	P=0.471	P=0.260N
POLY 1.5	P=0.308N	P=0.238N	P=0.488	P=0.247N
POLY 6	P=0.351N	P=0.250N	P=0.442	P=0.281N
LOGISTIC REGRESSION	P=0.330N	P=0.243N	P=0.463	P=0.268N
COCH-ARM / FISHERS	P=0.291N	P=0.242N	P=0.510	P=0.242N
ORDER RESTRICTED	P=0.170N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.195N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM
Skin Ulcer				
LESION RATES				
OVERALL (a)	5/49 (10%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	5/42.42	1/41.12	2/39.48	1/38.56
POLY-3 PERCENT (g)	11.8%	2.4%	5.1%	2.6%
TERMINAL (d)	3/27 (11%)	0/23 (0%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	561	632	565	556
STATISTICAL TESTS				
LIFE TABLE	P=0.169N	P=0.137N	P=0.389N	P=0.204N
POLY 3	P=0.099N	P=0.107N	P=0.245N	P=0.123N
POLY 1.5	P=0.094N	P=0.103N	P=0.228N	P=0.111N
POLY 6	P=0.110N	P=0.114N	P=0.275N	P=0.146N
LOGISTIC REGRESSION	P=0.081N	P=0.099N	P=0.213N	P=0.093N
COCH-ARM / FISHERS	P=0.089N	P=0.098N	P=0.210N	P=0.098N
ORDER RESTRICTED	P=0.050N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.066N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Spleen
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	8/49 (16%)	10/50 (20%)	5/49 (10%)	8/49 (16%)
POLY-3 RATE (b)	8/43.98	10/42.01	5/40.04	8/39.78
POLY-3 PERCENT (g)	18.2%	23.8%	12.5%	20.1%
TERMINAL (d)	3/27 (11%)	6/23 (26%)	1/15 (7%)	3/16 (19%)
FIRST INCIDENCE	561	504	523	275

STATISTICAL TESTS

LIFE TABLE	P=0.393	P=0.317	P=0.438N	P=0.377
POLY 3	P=0.521N	P=0.354	P=0.338N	P=0.522
POLY 1.5	P=0.480N	P=0.382	P=0.309N	P=0.565
POLY 6	P=0.507	P=0.317	P=0.385N	P=0.448
LOGISTIC REGRESSION	P=0.392N	P=0.426	P=0.206N	P=0.520N
COCH-ARM / FISHERS	P=0.440N	P=0.416	P=0.276N	P=0.607N
ORDER RESTRICTED	P=0.460N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.478N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Spleen
 Hemorrhage Chronic

LESION RATES

OVERALL (a)	1/49 (2%)	3/50 (6%)	2/49 (4%)	0/49 (0%)
POLY-3 RATE (b)	1/41.74	3/42.24	2/38.81	0/37.71
POLY-3 PERCENT (g)	2.4%	7.1%	5.2%	0%
TERMINAL (d)	1/27 (4%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	729 (T)	418	579	---

STATISTICAL TESTS

LIFE TABLE	P=0.313N	P=0.294	P=0.405	P=0.604N
POLY 3	P=0.284N	P=0.309	P=0.475	P=0.520N
POLY 1.5	P=0.265N	P=0.311	P=0.486	P=0.511N
POLY 6	P=0.318N	P=0.306	P=0.456	P=0.536N
LOGISTIC REGRESSION	P=0.198N	P=0.340	P=0.506	(e)
COCH-ARM / FISHERS	P=0.243N	P=0.316	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.199N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.223N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Spleen
 Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	0/49 (0%)	0/50 (0%)	2/49 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/41.74	0/40.77	2/38.18	0/37.71
POLY-3 PERCENT (g)	0%	0%	5.2%	0%
TERMINAL (d)	0/27 (0%)	0/23 (0%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	---	---	726	---

STATISTICAL TESTS

LIFE TABLE	P=0.486	(e)	P=0.139	(e)
POLY 3	P=0.549	(e)	P=0.217	(e)
POLY 1.5	P=0.570	(e)	P=0.226	(e)
POLY 6	P=0.513	(e)	P=0.203	(e)
LOGISTIC REGRESSION	P=0.495	(e)	P=0.146	(e)
COCH-ARM / FISHERS	P=0.594	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.230	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.252	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Stomach, Forestomach
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	3/50 (6%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/41.74	3/40.89	3/39.55	0/38.00
POLY-3 PERCENT (g)	0%	7.3%	7.6%	0%
TERMINAL (d)	0/27 (0%)	1/23 (4%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	---	701	543	---

STATISTICAL TESTS

LIFE TABLE	P=0.595N	P=0.105	P=0.072	(e)
POLY 3	P=0.507N	P=0.114	P=0.109	(e)
POLY 1.5	P=0.476N	P=0.118	P=0.115	(e)
POLY 6	P=0.558N	P=0.110	P=0.098	(e)
LOGISTIC REGRESSION	P=0.482N	P=0.106	P=0.125	(e)
COCH-ARM / FISHERS	P=0.438N	P=0.125	P=0.125	(e)
ORDER RESTRICTED	P=0.180	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.204	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Stomach, Forestomach
Ulcer

LESION RATES

OVERALL (a)	4/49 (8%)	3/50 (6%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	4/42.33	3/42.33	3/39.92	2/38.67
POLY-3 PERCENT (g)	9.5%	7.1%	7.5%	5.2%
TERMINAL (d)	1/27 (4%)	0/23 (0%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	652	504	259	612

STATISTICAL TESTS

LIFE TABLE	P=0.400N	P=0.526N	P=0.626	P=0.482N
POLY 3	P=0.313N	P=0.500N	P=0.532N	P=0.379N
POLY 1.5	P=0.292N	P=0.495N	P=0.509N	P=0.356N
POLY 6	P=0.351N	P=0.509N	P=0.573N	P=0.417N
LOGISTIC REGRESSION	P=0.199N	P=0.456N	P=0.438N	P=0.332N
COCH-ARM / FISHERS	P=0.266N	P=0.489N	P=0.489N	P=0.329N
ORDER RESTRICTED	P=0.369N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.391N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Stomach, Glandular
 Erosion**

LESION RATES

OVERALL (a)	4/49 (8%)	2/50 (4%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	4/41.90	2/41.01	5/40.33	3/38.34
POLY-3 PERCENT (g)	9.6%	4.9%	12.4%	7.8%
TERMINAL (d)	2/27 (7%)	0/23 (0%)	0/15 (0%)	1/16 (6%)
FIRST INCIDENCE	698	669	589	661

STATISTICAL TESTS

LIFE TABLE	P=0.403	P=0.388N	P=0.322	P=0.581
POLY 3	P=0.557	P=0.346N	P=0.476	P=0.549N
POLY 1.5	P=0.560N	P=0.338N	P=0.492	P=0.522N
POLY 6	P=0.510	P=0.357N	P=0.449	P=0.591N
LOGISTIC REGRESSION	P=0.569	P=0.362N	P=0.491	P=0.627N
COCH-ARM / FISHERS	P=0.528N	P=0.329N	P=0.513	P=0.489N
ORDER RESTRICTED	P=0.505	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.522	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Stomach, Glandular
 Ulcer**

LESION RATES

OVERALL (a)	5/49 (10%)	0/50 (0%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	5/42.59	0/40.77	1/39.23	4/38.79
POLY-3 PERCENT (g)	11.7%	0%	2.6%	10.3%
TERMINAL (d)	2/27 (7%)	0/23 (0%)	0/15 (0%)	0/16 (0%)
FIRST INCIDENCE	647	---	654	661

STATISTICAL TESTS

LIFE TABLE	P=0.393	P=0.043N*	P=0.193N	P=0.586
POLY 3	P=0.533	P=0.034N*	P=0.120N	P=0.559N
POLY 1.5	P=0.542	P=0.031N*	P=0.109N	P=0.527N
POLY 6	P=0.517	P=0.037N*	P=0.141N	P=0.607N
LOGISTIC REGRESSION	P=0.531	P=0.032N*	P=0.101N	P=0.520N
COCH-ARM / FISHERS	P=0.551	P=0.027N*	P=0.098N	P=0.487N
ORDER RESTRICTED	P=0.116N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.138N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Testes: Germinal Epithelium
 Atrophy

LESION RATES

OVERALL (a)	6/49 (12%)	3/50 (6%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	6/42.01	3/40.98	3/38.95	4/39.01
POLY-3 PERCENT (g)	14.3%	7.3%	7.7%	10.3%
TERMINAL (d)	4/27 (15%)	1/23 (4%)	3/15 (20%)	2/16 (13%)
FIRST INCIDENCE	695	677	729 (T)	565

STATISTICAL TESTS

LIFE TABLE	P=0.501	P=0.319N	P=0.539N	P=0.632N
POLY 3	P=0.392N	P=0.252N	P=0.279N	P=0.416N
POLY 1.5	P=0.374N	P=0.243N	P=0.257N	P=0.389N
POLY 6	P=0.426N	P=0.265N	P=0.319N	P=0.462N
LOGISTIC REGRESSION	P=0.464N	P=0.272N	P=0.397N	P=0.427N
COCH-ARM / FISHERS	P=0.353N	P=0.233N	P=0.233N	P=0.357N
ORDER RESTRICTED	P=0.297N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.318N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

Testes: Interstitial Cell
 Hyperplasia

LESION RATES

OVERALL (a)	4/49 (8%)	4/50 (8%)	7/50 (14%)	5/50 (10%)
POLY-3 RATE (b)	4/42.86	4/42.51	7/40.97	5/40.06
POLY-3 PERCENT (g)	9.3%	9.4%	17.1%	12.5%
TERMINAL (d)	1/27 (4%)	1/23 (4%)	1/15 (7%)	0/16 (0%)
FIRST INCIDENCE	589	418	523	481

STATISTICAL TESTS

LIFE TABLE	P=0.259	P=0.613	P=0.168	P=0.393
POLY 3	P=0.318	P=0.639	P=0.233	P=0.457
POLY 1.5	P=0.348	P=0.639N	P=0.251	P=0.482
POLY 6	P=0.274	P=0.625	P=0.205	P=0.418
LOGISTIC REGRESSION	P=0.491	P=0.585N	P=0.316	P=0.610
COCH-ARM / FISHERS	P=0.385	P=0.631N	P=0.274	P=0.513
ORDER RESTRICTED	P=0.354	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.371	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Requested: 08/09/2006
 Time Report Requested: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	CONTROL	16 PPM	32 PPM	64 PPM

**Thyroid Gland: C-Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	8/49 (16%)	6/50 (12%)	15/50 (30%)	12/50 (24%)
POLY-3 RATE (b)	8/42.04	6/41.43	15/41.11	12/39.81
POLY-3 PERCENT (g)	19%	14.5%	36.5%	30.1%
TERMINAL (d)	5/27 (19%)	4/23 (17%)	4/15 (27%)	5/16 (31%)
FIRST INCIDENCE	695	582	591	592

STATISTICAL TESTS

LIFE TABLE	P=0.010**	P=0.497N	P=0.011*	P=0.043*
POLY 3	P=0.058	P=0.396N	P=0.058	P=0.178
POLY 1.5	P=0.073	P=0.385N	P=0.068	P=0.204
POLY 6	P=0.040*	P=0.412N	P=0.045*	P=0.142
LOGISTIC REGRESSION	P=0.044*	P=0.424N	P=0.039*	P=0.124
COCH-ARM / FISHERS	P=0.098	P=0.371N	P=0.084	P=0.242
ORDER RESTRICTED	P=0.054	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.066	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Adrenal Cortex
 Angiectasis**

LESION RATES

OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/42.20	0/44.29	0/42.83	0/42.35
POLY-3 PERCENT (g)	7.1%	0%	0%	0%
TERMINAL (d)	2/29 (7%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	580	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.052N	P=0.115N	P=0.131N	P=0.134N
POLY 3	P=0.047N*	P=0.110N	P=0.116N	P=0.117N
POLY 1.5	P=0.046N*	P=0.113N	P=0.117N	P=0.117N
POLY 6	P=0.048N*	P=0.107N	P=0.114N	P=0.120N
LOGISTIC REGRESSION	P=0.048N*	P=0.122N	P=0.121N	P=0.121N
COCH-ARM / FISHERS	P=0.047N*	P=0.121N	P=0.121N	P=0.121N
ORDER RESTRICTED	P=0.008N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.009N**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Adrenal Cortex
 Degeneration Cystic**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/41.70	0/44.29	1/42.83	2/42.53
POLY-3 PERCENT (g)	0%	0%	2.3%	4.7%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	1/27 (4%)	1/26 (4%)
FIRST INCIDENCE	---	---	730 (T)	684

STATISTICAL TESTS

LIFE TABLE	P=0.058	(e)	P=0.486	P=0.228
POLY 3	P=0.069	(e)	P=0.505	P=0.241
POLY 1.5	P=0.070	(e)	P=0.503	P=0.241
POLY 6	P=0.067	(e)	P=0.508	P=0.239
LOGISTIC REGRESSION	P=0.064	(e)	P=0.486	P=0.239
COCH-ARM / FISHERS	P=0.070	(e)	P=0.500	P=0.247
ORDER RESTRICTED	P=0.077	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.083	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Adrenal Cortex
 Hyperplasia**

LESION RATES

OVERALL (a)	28/50 (56%)	23/50 (46%)	22/50 (44%)	21/50 (42%)
POLY-3 RATE (b)	28/45.14	23/47.04	22/44.43	21/43.32
POLY-3 PERCENT (g)	62%	48.9%	49.5%	48.5%
TERMINAL (d)	19/29 (66%)	14/31 (45%)	13/27 (48%)	15/26 (58%)
FIRST INCIDENCE	409	543	549	674

STATISTICAL TESTS

LIFE TABLE	P=0.275N	P=0.152N	P=0.223N	P=0.220N
POLY 3	P=0.160N	P=0.139N	P=0.155N	P=0.132N
POLY 1.5	P=0.136N	P=0.167N	P=0.157N	P=0.121N
POLY 6	P=0.207N	P=0.108N	P=0.151N	P=0.162N
LOGISTIC REGRESSION	P=0.109N	P=0.180N	P=0.128N	P=0.090N
COCH-ARM / FISHERS	P=0.116N	P=0.212N	P=0.159N	P=0.115N
ORDER RESTRICTED	P=0.149N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.161N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Adrenal Cortex
 Vacuolization Cytoplasmic**

LESION RATES

OVERALL (a)	3/50 (6%)	3/50 (6%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	3/41.70	3/44.85	1/42.83	4/43.25
POLY-3 PERCENT (g)	7.2%	6.7%	2.3%	9.3%
TERMINAL (d)	3/29 (10%)	2/31 (7%)	1/27 (4%)	2/26 (8%)
FIRST INCIDENCE	730 (T)	556	730 (T)	516

STATISTICAL TESTS

LIFE TABLE	P=0.388	P=0.632N	P=0.330N	P=0.465
POLY 3	P=0.443	P=0.629N	P=0.295N	P=0.520
POLY 1.5	P=0.442	P=0.642N	P=0.299N	P=0.514
POLY 6	P=0.439	P=0.614N	P=0.291N	P=0.522
LOGISTIC REGRESSION	P=0.438	P=0.642N	P=0.330N	P=0.505
COCH-ARM / FISHERS	P=0.438	P=0.661N	P=0.309N	P=0.500
ORDER RESTRICTED	P=0.376	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.387	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Adrenal Medulla
 Hyperplasia**

LESION RATES

OVERALL (a)	5/50 (10%)	7/50 (14%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	5/42.40	7/45.32	3/42.92	2/42.53
POLY-3 PERCENT (g)	11.8%	15.5%	7%	4.7%
TERMINAL (d)	2/29 (7%)	3/31 (10%)	2/27 (7%)	1/26 (4%)
FIRST INCIDENCE	652	558	708	684

STATISTICAL TESTS

LIFE TABLE	P=0.119N	P=0.448	P=0.360N	P=0.235N
POLY 3	P=0.092N	P=0.426	P=0.349N	P=0.214N
POLY 1.5	P=0.090N	P=0.409	P=0.351N	P=0.213N
POLY 6	P=0.098N	P=0.445	P=0.349N	P=0.221N
LOGISTIC REGRESSION	P=0.091N	P=0.385	P=0.341N	P=0.211N
COCH-ARM / FISHERS	P=0.092N	P=0.380	P=0.357N	P=0.218N
ORDER RESTRICTED	P=0.129N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.134N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Bone Marrow: Erythroid Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	3/50 (6%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	1/41.89	3/45.80	4/43.48	1/42.53
POLY-3 PERCENT (g)	2.4%	6.6%	9.2%	2.4%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	680	556	633	683

STATISTICAL TESTS

LIFE TABLE	P=0.542N	P=0.339	P=0.206	P=0.750N
POLY 3	P=0.523N	P=0.338	P=0.189	P=0.758N
POLY 1.5	P=0.520N	P=0.325	P=0.185	P=0.758N
POLY 6	P=0.534N	P=0.353	P=0.195	P=0.760N
LOGISTIC REGRESSION	P=0.546N	P=0.164	P=0.181	P=0.763N
COCH-ARM / FISHERS	P=0.523N	P=0.309	P=0.181	P=0.753N
ORDER RESTRICTED	P=0.353N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.361N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Brain
 Compression**

LESION RATES

OVERALL (a)	6/50 (12%)	11/50 (22%)	4/50 (8%)	9/50 (18%)
POLY-3 RATE (b)	6/42.53	11/45.49	4/43.80	9/44.56
POLY-3 PERCENT (g)	14.1%	24.2%	9.1%	20.2%
TERMINAL (d)	2/29 (7%)	4/31 (13%)	1/27 (4%)	1/26 (4%)
FIRST INCIDENCE	659	628	598	617

STATISTICAL TESTS

LIFE TABLE	P=0.372	P=0.225	P=0.363N	P=0.298
POLY 3	P=0.450	P=0.176	P=0.350N	P=0.320
POLY 1.5	P=0.440	P=0.163	P=0.358N	P=0.309
POLY 6	P=0.457	P=0.193	P=0.344N	P=0.329
LOGISTIC REGRESSION	P=0.419	P=0.162	P=0.371N	P=0.280
COCH-ARM / FISHERS	P=0.420	P=0.143	P=0.370N	P=0.288
ORDER RESTRICTED	P=0.357	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.370	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Brain
 Hemorrhage**

LESION RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/42.51	0/44.29	0/42.83	2/42.95
POLY-3 PERCENT (g)	4.7%	0%	0%	4.7%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	581	---	---	620

STATISTICAL TESTS

LIFE TABLE	P=0.510	P=0.229N	P=0.229N	P=0.671N
POLY 3	P=0.493	P=0.228N	P=0.235N	P=0.691N
POLY 1.5	P=0.496	P=0.231N	P=0.236N	P=0.690N
POLY 6	P=0.489	P=0.225N	P=0.236N	P=0.694
LOGISTIC REGRESSION	P=0.469	P=0.306N	P=0.256N	P=0.651
COCH-ARM / FISHERS	P=0.500	P=0.247N	P=0.247N	P=0.691N
ORDER RESTRICTED	P=0.263N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.270N	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Brain
Necrosis

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/41.70	0/44.29	0/42.83	1/42.53
POLY-3 PERCENT (g)	0%	0%	0%	2.4%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	683

STATISTICAL TESTS

LIFE TABLE	P=0.192	(e)	(e)	P=0.506
POLY 3	P=0.198	(e)	(e)	P=0.504
POLY 1.5	P=0.199	(e)	(e)	P=0.503
POLY 6	P=0.196	(e)	(e)	P=0.503
LOGISTIC REGRESSION	P=0.198	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.198	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.124	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.131	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Clitoral Gland
 Hyperplasia**

LESION RATES

OVERALL (a)	4/50 (8%)	4/49 (8%)	4/49 (8%)	5/47 (11%)
POLY-3 RATE (b)	4/42.20	4/43.52	4/42.36	5/40.02
POLY-3 PERCENT (g)	9.5%	9.2%	9.4%	12.5%
TERMINAL (d)	3/29 (10%)	3/30 (10%)	3/27 (11%)	3/24 (13%)
FIRST INCIDENCE	581	670	598	618

STATISTICAL TESTS

LIFE TABLE	P=0.330	P=0.616N	P=0.621	P=0.433
POLY 3	P=0.374	P=0.627N	P=0.642N	P=0.467
POLY 1.5	P=0.379	P=0.637N	P=0.640	P=0.467
POLY 6	P=0.363	P=0.616N	P=0.637N	P=0.459
LOGISTIC REGRESSION	P=0.372	P=0.626N	P=0.642	P=0.465
COCH-ARM / FISHERS	P=0.378	P=0.631	P=0.631	P=0.460
ORDER RESTRICTED	P=0.503	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.511	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Clitoral Gland
 Inflammation Chronic**

LESION RATES

OVERALL (a)	8/50 (16%)	4/49 (8%)	9/49 (18%)	5/47 (11%)
POLY-3 RATE (b)	8/41.99	4/43.95	9/43.32	5/39.66
POLY-3 PERCENT (g)	19.1%	9.1%	20.8%	12.6%
TERMINAL (d)	7/29 (24%)	2/30 (7%)	2/27 (7%)	4/24 (17%)
FIRST INCIDENCE	652	556	598	684

STATISTICAL TESTS

LIFE TABLE	P=0.471N	P=0.158N	P=0.493	P=0.383N
POLY 3	P=0.422N	P=0.153N	P=0.529	P=0.311N
POLY 1.5	P=0.412N	P=0.166N	P=0.508	P=0.310N
POLY 6	P=0.443N	P=0.140N	P=0.559	P=0.320N
LOGISTIC REGRESSION	P=0.413N	P=0.157N	P=0.504	P=0.346N
COCH-ARM / FISHERS	P=0.406N	P=0.188N	P=0.482	P=0.318N
ORDER RESTRICTED	P=0.338N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.347N	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Eye: Lens
Cataract

LESION RATES

OVERALL (a)	4/49 (8%)	5/50 (10%)	8/50 (16%)	3/50 (6%)
POLY-3 RATE (b)	4/41.20	5/44.93	8/44.48	3/42.89
POLY-3 PERCENT (g)	9.7%	11.1%	18%	7%
TERMINAL (d)	4/29 (14%)	3/31 (10%)	3/27 (11%)	1/26 (4%)
FIRST INCIDENCE	730 (T)	640	430	653

STATISTICAL TESTS

LIFE TABLE	P=0.491N	P=0.543	P=0.183	P=0.534N
POLY 3	P=0.422N	P=0.554	P=0.214	P=0.478N
POLY 1.5	P=0.420N	P=0.538	P=0.203	P=0.480N
POLY 6	P=0.433N	P=0.574	P=0.229	P=0.480N
LOGISTIC REGRESSION	P=0.426N	P=0.552	P=0.189	P=0.493N
COCH-ARM / FISHERS	P=0.426N	P=0.513	P=0.188	P=0.489N
ORDER RESTRICTED	P=0.312N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.323N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Heart
 Cardiomyopathy**

LESION RATES

OVERALL (a)	43/50 (86%)	45/50 (90%)	42/50 (84%)	42/50 (84%)
POLY-3 RATE (b)	43/46.76	45/48.10	42/46.10	42/47.49
POLY-3 PERCENT (g)	92%	93.6%	91.1%	88.4%
TERMINAL (d)	28/29 (97%)	31/31 (100%)	27/27 (100%)	26/26 (100%)
FIRST INCIDENCE	528	556	537	516

STATISTICAL TESTS

LIFE TABLE	P=0.341	P=0.482N	P=0.555	P=0.462
POLY 3	P=0.242N	P=0.544	P=0.606N	P=0.398N
POLY 1.5	P=0.266N	P=0.487	P=0.540N	P=0.420N
POLY 6	P=0.266N	P=0.569	P=0.677	P=0.439N
LOGISTIC REGRESSION	P=0.238N	P=0.607N	P=0.359N	P=0.356N
COCH-ARM / FISHERS	P=0.340N	P=0.380	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.305N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.315N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Heart: Atrium
 Thrombosis

LESION RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	2/42.17	0/44.29	2/43.32	4/43.11
POLY-3 PERCENT (g)	4.7%	0%	4.6%	9.3%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	1/26 (4%)
FIRST INCIDENCE	662	---	663	618

STATISTICAL TESTS

LIFE TABLE	P=0.112	P=0.217N	P=0.655N	P=0.353
POLY 3	P=0.108	P=0.226N	P=0.685N	P=0.347
POLY 1.5	P=0.110	P=0.230N	P=0.688N	P=0.345
POLY 6	P=0.105	P=0.223N	P=0.681N	P=0.344
LOGISTIC REGRESSION	P=0.109	P=0.251N	P=0.688	P=0.332
COCH-ARM / FISHERS	P=0.111	P=0.247N	P=0.691N	P=0.339
ORDER RESTRICTED	P=0.096	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.104	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Islets, Pancreatic
 Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	4/50 (8%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	1/41.70	4/45.24	4/43.13	0/42.35
POLY-3 PERCENT (g)	2.4%	8.8%	9.3%	0%
TERMINAL (d)	1/29 (3%)	2/31 (7%)	2/27 (7%)	0/26 (0%)
FIRST INCIDENCE	730 (T)	543	686	---

STATISTICAL TESTS

LIFE TABLE	P=0.301N	P=0.204	P=0.183	P=0.522N
POLY 3	P=0.256N	P=0.204	P=0.188	P=0.497N
POLY 1.5	P=0.256N	P=0.194	P=0.185	P=0.497N
POLY 6	P=0.263N	P=0.216	P=0.193	P=0.499N
LOGISTIC REGRESSION	P=0.262N	P=0.159	P=0.190	(e)
COCH-ARM / FISHERS	P=0.263N	P=0.181	P=0.181	P=0.500N
ORDER RESTRICTED	P=0.119N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.126N	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

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First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Kidney
Cyst

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/41.70	0/44.29	0/42.83	0/41.60
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

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First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Kidney
Infarct

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	1/41.70	1/44.66	0/42.83	1/41.74
POLY-3 PERCENT (g)	2.4%	2.2%	0%	2.4%
TERMINAL (d)	1/29 (3%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	730 (T)	627	---	694

STATISTICAL TESTS

LIFE TABLE	P=0.635N	P=0.745N	P=0.514N	P=0.748
POLY 3	P=0.621N	P=0.745N	P=0.495N	P=0.761N
POLY 1.5	P=0.621N	P=0.751N	P=0.497N	P=0.760
POLY 6	P=0.622N	P=0.738N	P=0.492N	P=0.761
LOGISTIC REGRESSION	P=0.622N	P=0.758	(e)	P=0.760
COCH-ARM / FISHERS	P=0.621N	P=0.753N	P=0.500N	P=0.747
ORDER RESTRICTED	P=0.532N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.538N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Kidney
 Inflammation**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	0/41.70	0/44.29	0/42.83	1/41.78
POLY-3 PERCENT (g)	0%	0%	0%	2.4%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	684

STATISTICAL TESTS

LIFE TABLE	P=0.187	(e)	(e)	P=0.500
POLY 3	P=0.195	(e)	(e)	P=0.500
POLY 1.5	P=0.196	(e)	(e)	P=0.499
POLY 6	P=0.194	(e)	(e)	P=0.500
LOGISTIC REGRESSION	P=0.195	(e)	(e)	P=0.497
COCH-ARM / FISHERS	P=0.195	(e)	(e)	P=0.495
ORDER RESTRICTED	P=0.121	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.126	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Kidney
 Nephropathy Chronic**

LESION RATES

OVERALL (a)	40/50 (80%)	46/50 (92%)	41/50 (82%)	44/49 (90%)
POLY-3 RATE (b)	40/46.29	46/49.35	41/47.27	44/46.68
POLY-3 PERCENT (g)	86.4%	93.2%	86.7%	94.3%
TERMINAL (d)	26/29 (90%)	28/31 (90%)	24/27 (89%)	26/26 (100%)
FIRST INCIDENCE	526	543	537	523

STATISTICAL TESTS

LIFE TABLE	P=0.153	P=0.392	P=0.434	P=0.172
POLY 3	P=0.196	P=0.206	P=0.609	P=0.145
POLY 1.5	P=0.208	P=0.135	P=0.563	P=0.144
POLY 6	P=0.175	P=0.319	P=0.615N	P=0.141
LOGISTIC REGRESSION	P=0.252	P=0.151	P=0.589	P=0.199
COCH-ARM / FISHERS	P=0.216	P=0.074	P=0.500	P=0.140
ORDER RESTRICTED	P=0.130	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.136	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Larynx
Foreign Body

LESION RATES

OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	6/50 (12%)
POLY-3 RATE (b)	2/41.70	3/44.29	2/43.21	6/43.77
POLY-3 PERCENT (g)	4.8%	6.8%	4.6%	13.7%
TERMINAL (d)	2/29 (7%)	3/31 (10%)	1/27 (4%)	2/26 (8%)
FIRST INCIDENCE	730 (T)	730 (T)	621	522

STATISTICAL TESTS

LIFE TABLE	P=0.064	P=0.531	P=0.679	P=0.130
POLY 3	P=0.085	P=0.527	P=0.681N	P=0.148
POLY 1.5	P=0.083	P=0.517	P=0.686N	P=0.143
POLY 6	P=0.085	P=0.539	P=0.675N	P=0.151
LOGISTIC REGRESSION	P=0.080	P=0.531	P=0.686N	P=0.132
COCH-ARM / FISHERS	P=0.080	P=0.500	P=0.691N	P=0.134
ORDER RESTRICTED	P=0.091	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.101	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Larynx
 Inflammation Chronic**

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/41.70	1/44.29	0/42.83	3/43.45
POLY-3 PERCENT (g)	0%	2.3%	0%	6.9%
TERMINAL (d)	0/29 (0%)	1/31 (3%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	730 (T)	---	522

STATISTICAL TESTS

LIFE TABLE	P=0.042*	P=0.513	(e)	P=0.132
POLY 3	P=0.044*	P=0.512	(e)	P=0.126
POLY 1.5	P=0.044*	P=0.508	(e)	P=0.124
POLY 6	P=0.044*	P=0.517	(e)	P=0.127
LOGISTIC REGRESSION	P=0.040*	P=0.513	(e)	P=0.085
COCH-ARM / FISHERS	P=0.044*	P=0.500	(e)	P=0.121
ORDER RESTRICTED	P=0.023*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.028*	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Larynx
 Metaplasia

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/42.15	0/44.29	0/42.83	2/43.17
POLY-3 PERCENT (g)	2.4%	0%	0%	4.6%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	599	---	---	522

STATISTICAL TESTS

LIFE TABLE	P=0.252	P=0.486N	P=0.495N	P=0.520
POLY 3	P=0.242	P=0.490N	P=0.497N	P=0.508
POLY 1.5	P=0.244	P=0.494N	P=0.498N	P=0.507
POLY 6	P=0.239	P=0.487N	P=0.496N	P=0.506
LOGISTIC REGRESSION	P=0.203	P=0.589N	P=0.524N	P=0.412
COCH-ARM / FISHERS	P=0.246	P=0.500N	P=0.500N	P=0.500
ORDER RESTRICTED	P=0.135	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.144	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Angiectasis

LESION RATES

OVERALL (a)	0/50 (0%)	4/50 (8%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/41.70	4/44.96	1/42.83	1/42.54
POLY-3 PERCENT (g)	0%	8.9%	2.3%	2.4%
TERMINAL (d)	0/29 (0%)	2/31 (7%)	1/27 (4%)	0/26 (0%)
FIRST INCIDENCE	---	558	730 (T)	681

STATISTICAL TESTS

LIFE TABLE	P=0.591N	P=0.078	P=0.486	P=0.518
POLY 3	P=0.540N	P=0.070	P=0.505	P=0.504
POLY 1.5	P=0.545N	P=0.066	P=0.503	P=0.503
POLY 6	P=0.539N	P=0.075	P=0.508	P=0.503
LOGISTIC REGRESSION	P=0.555N	P=0.057	P=0.486	P=0.500
COCH-ARM / FISHERS	P=0.556N	P=0.059	P=0.500	P=0.500
ORDER RESTRICTED	P=0.196	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.206	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Basophilic Focus

LESION RATES

OVERALL (a)	37/50 (74%)	36/50 (72%)	40/50 (80%)	31/50 (62%)
POLY-3 RATE (b)	37/45.59	36/46.95	40/46.17	31/45.14
POLY-3 PERCENT (g)	81.2%	76.7%	86.6%	68.7%
TERMINAL (d)	27/29 (93%)	26/31 (84%)	26/27 (96%)	21/26 (81%)
FIRST INCIDENCE	393	558	537	617

STATISTICAL TESTS

LIFE TABLE	P=0.412N	P=0.301N	P=0.264	P=0.309N
POLY 3	P=0.106N	P=0.385N	P=0.316	P=0.109N
POLY 1.5	P=0.109N	P=0.434N	P=0.307	P=0.120N
POLY 6	P=0.110N	P=0.314N	P=0.362	P=0.099N
LOGISTIC REGRESSION	P=0.090N	P=0.316N	P=0.390	P=0.089N
COCH-ARM / FISHERS	P=0.121N	P=0.500N	P=0.318	P=0.142N
ORDER RESTRICTED	P=0.082N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.087N	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
Clear Cell Focus

LESION RATES

OVERALL (a)	6/50 (12%)	6/50 (12%)	7/50 (14%)	7/50 (14%)
POLY-3 RATE (b)	6/42.15	6/44.29	7/43.28	7/43.06
POLY-3 PERCENT (g)	14.2%	13.6%	16.2%	16.3%
TERMINAL (d)	5/29 (17%)	6/31 (19%)	6/27 (22%)	5/26 (19%)
FIRST INCIDENCE	599	730 (T)	598	628

STATISTICAL TESTS

LIFE TABLE	P=0.322	P=0.575N	P=0.458	P=0.439
POLY 3	P=0.420	P=0.586N	P=0.521	P=0.517
POLY 1.5	P=0.422	P=0.598N	P=0.513	P=0.513
POLY 6	P=0.411	P=0.574N	P=0.529	P=0.514
LOGISTIC REGRESSION	P=0.397	P=0.551N	P=0.527	P=0.508
COCH-ARM / FISHERS	P=0.416	P=0.620N	P=0.500	P=0.500
ORDER RESTRICTED	P=0.594	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.598	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Degeneration Cystic

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.70	0/44.29	0/42.83	0/42.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Eosinophilic Focus

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	0/41.70	2/44.29	3/42.98	3/42.74
POLY-3 PERCENT (g)	0%	4.5%	7%	7%
TERMINAL (d)	0/29 (0%)	2/31 (7%)	1/27 (4%)	2/26 (8%)
FIRST INCIDENCE	---	730 (T)	696	617

STATISTICAL TESTS

LIFE TABLE	P=0.089	P=0.253	P=0.125	P=0.116
POLY 3	P=0.114	P=0.251	P=0.124	P=0.123
POLY 1.5	P=0.114	P=0.246	P=0.122	P=0.122
POLY 6	P=0.111	P=0.256	P=0.126	P=0.121
LOGISTIC REGRESSION	P=0.104	P=0.253	P=0.127	P=0.122
COCH-ARM / FISHERS	P=0.111	P=0.247	P=0.121	P=0.121
ORDER RESTRICTED	P=0.098	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.106	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Hepatodiaphragmatic Nodule

LESION RATES

OVERALL (a)	3/50 (6%)	2/50 (4%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	3/42.20	2/44.43	5/42.98	2/42.78
POLY-3 PERCENT (g)	7.1%	4.5%	11.6%	4.7%
TERMINAL (d)	2/29 (7%)	1/31 (3%)	3/27 (11%)	0/26 (0%)
FIRST INCIDENCE	581	695	711	662

STATISTICAL TESTS

LIFE TABLE	P=0.555N	P=0.459N	P=0.340	P=0.509N
POLY 3	P=0.504N	P=0.477N	P=0.366	P=0.494N
POLY 1.5	P=0.500N	P=0.485N	P=0.363	P=0.494N
POLY 6	P=0.514N	P=0.467N	P=0.369	P=0.497N
LOGISTIC REGRESSION	P=0.502N	P=0.490N	P=0.373	P=0.503N
COCH-ARM / FISHERS	P=0.500N	P=0.500N	P=0.357	P=0.500N
ORDER RESTRICTED	P=0.461N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.469N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Inflammation Chronic

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/41.89	0/44.29	2/43.02	1/42.73
POLY-3 PERCENT (g)	2.4%	0%	4.7%	2.3%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	1/27 (4%)	0/26 (0%)
FIRST INCIDENCE	680	---	682	621

STATISTICAL TESTS

LIFE TABLE	P=0.492	P=0.472N	P=0.515	P=0.751N
POLY 3	P=0.497	P=0.489N	P=0.509	P=0.757N
POLY 1.5	P=0.500	P=0.493N	P=0.506	P=0.757N
POLY 6	P=0.489	P=0.485N	P=0.513	P=0.759N
LOGISTIC REGRESSION	P=0.498	P=0.505N	P=0.507	P=0.750
COCH-ARM / FISHERS	P=0.500	P=0.500N	P=0.500	P=0.753N
ORDER RESTRICTED	P=0.382	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.390	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Requested: 08/09/2006
 Time Report Requested: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Mixed Cell Focus

LESION RATES

OVERALL (a)	5/50 (10%)	4/50 (8%)	4/50 (8%)	12/50 (24%)
POLY-3 RATE (b)	5/42.04	4/44.29	4/42.83	12/42.87
POLY-3 PERCENT (g)	11.9%	9%	9.3%	28%
TERMINAL (d)	4/29 (14%)	4/31 (13%)	4/27 (15%)	10/26 (39%)
FIRST INCIDENCE	635	730 (T)	730 (T)	617

STATISTICAL TESTS

LIFE TABLE	P=0.005**	P=0.459N	P=0.539N	P=0.033*
POLY 3	P=0.011*	P=0.467N	P=0.488N	P=0.053
POLY 1.5	P=0.012*	P=0.479N	P=0.492N	P=0.055
POLY 6	P=0.010**	P=0.456N	P=0.485N	P=0.049*
LOGISTIC REGRESSION	P=0.008**	P=0.437N	P=0.473N	P=0.048*
COCH-ARM / FISHERS	P=0.014*	P=0.500N	P=0.500N	P=0.054
ORDER RESTRICTED	P=0.011*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.014*	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
 Necrosis

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.70	1/44.80	0/42.83	2/42.90
POLY-3 PERCENT (g)	0%	2.2%	0%	4.7%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	575	---	628

STATISTICAL TESTS

LIFE TABLE	P=0.140	P=0.504	(e)	P=0.246
POLY 3	P=0.143	P=0.514	(e)	P=0.243
POLY 1.5	P=0.142	P=0.509	(e)	P=0.242
POLY 6	P=0.142	P=0.521	(e)	P=0.243
LOGISTIC REGRESSION	P=0.124	P=0.377	(e)	P=0.223
COCH-ARM / FISHERS	P=0.140	P=0.500	(e)	P=0.247
ORDER RESTRICTED	P=0.078	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.086	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver
Vacuolization Cytoplasmic

LESION RATES

OVERALL (a)	8/50 (16%)	3/50 (6%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	8/43.49	3/44.41	3/42.83	4/42.74
POLY-3 PERCENT (g)	18.4%	6.8%	7%	9.4%
TERMINAL (d)	4/29 (14%)	1/31 (3%)	3/27 (11%)	3/26 (12%)
FIRST INCIDENCE	528	705	730 (T)	620

STATISTICAL TESTS

LIFE TABLE	P=0.225N	P=0.088N	P=0.117N	P=0.208N
POLY 3	P=0.187N	P=0.090N	P=0.101N	P=0.183N
POLY 1.5	P=0.182N	P=0.093N	P=0.100N	P=0.178N
POLY 6	P=0.196N	P=0.089N	P=0.105N	P=0.196N
LOGISTIC REGRESSION	P=0.178N	P=0.108N	P=0.101N	P=0.182N
COCH-ARM / FISHERS	P=0.179N	P=0.100N	P=0.100N	P=0.178N
ORDER RESTRICTED	P=0.076N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.083N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Liver: Hepatocyte
 Regeneration

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.70	0/44.29	0/42.83	0/42.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Lung
 Hemorrhage

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/41.70	0/44.29	1/43.08	0/42.35
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	663	---

STATISTICAL TESTS

LIFE TABLE	P=0.701	(e)	P=0.527	(e)
POLY 3	P=0.692	(e)	P=0.506	(e)
POLY 1.5	P=0.695	(e)	P=0.504	(e)
POLY 6	P=0.684	(e)	P=0.510	(e)
LOGISTIC REGRESSION	P=0.690	(e)	P=0.495	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.387	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.393	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Lung
Inflammation

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/42.35	0/44.29	0/42.83	1/42.98
POLY-3 PERCENT (g)	2.4%	0%	0%	2.3%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	513	---	---	522

STATISTICAL TESTS

LIFE TABLE	P=0.596	P=0.492N	P=0.504N	P=0.756N
POLY 3	P=0.590	P=0.491N	P=0.498N	P=0.758N
POLY 1.5	P=0.593	P=0.494N	P=0.499N	P=0.758N
POLY 6	P=0.586	P=0.488N	P=0.497N	P=0.760N
LOGISTIC REGRESSION	P=0.459	P=0.736N	P=0.559N	P=0.609
COCH-ARM / FISHERS	P=0.595	P=0.500N	P=0.500N	P=0.753N
ORDER RESTRICTED	P=0.394N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.401N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Requested: 08/09/2006
 Time Report Requested: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lung: Alveolar Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	7/50 (14%)	12/50 (24%)	13/50 (26%)	5/50 (10%)
POLY-3 RATE (b)	7/41.76	12/44.75	13/43.62	5/42.96
POLY-3 PERCENT (g)	16.8%	26.8%	29.8%	11.6%
TERMINAL (d)	6/29 (21%)	10/31 (32%)	9/27 (33%)	2/26 (8%)
FIRST INCIDENCE	715	628	652	662

STATISTICAL TESTS

LIFE TABLE	P=0.337N	P=0.195	P=0.090	P=0.434N
POLY 3	P=0.217N	P=0.191	P=0.119	P=0.358N
POLY 1.5	P=0.222N	P=0.176	P=0.112	P=0.365N
POLY 6	P=0.218N	P=0.210	P=0.129	P=0.355N
LOGISTIC REGRESSION	P=0.257N	P=0.215	P=0.119	P=0.383N
COCH-ARM / FISHERS	P=0.239N	P=0.154	P=0.105	P=0.380N
ORDER RESTRICTED	P=0.108N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.119N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lung: Alveolar Epithelium
 Metaplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/41.70	0/44.29	1/42.83	0/42.35
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	1/27 (4%)	0/26 (0%)
FIRST INCIDENCE	---	---	730 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.678	(e)	P=0.486	(e)
POLY 3	P=0.693	(e)	P=0.505	(e)
POLY 1.5	P=0.695	(e)	P=0.503	(e)
POLY 6	P=0.685	(e)	P=0.508	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.486	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.385	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.392	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Lung: Alveolus
 Infiltration Cellular Histiocyte

LESION RATES

OVERALL (a)	3/50 (6%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/42.39	3/44.70	1/42.92	2/42.60
POLY-3 PERCENT (g)	7.1%	6.7%	2.3%	4.7%
TERMINAL (d)	1/29 (3%)	1/31 (3%)	0/27 (0%)	1/26 (4%)
FIRST INCIDENCE	580	645	708	662

STATISTICAL TESTS

LIFE TABLE	P=0.376N	P=0.620N	P=0.301N	P=0.507N
POLY 3	P=0.347N	P=0.638N	P=0.300N	P=0.498N
POLY 1.5	P=0.344N	P=0.647N	P=0.302N	P=0.496N
POLY 6	P=0.354N	P=0.629N	P=0.299N	P=0.506N
LOGISTIC REGRESSION	P=0.343N	P=0.650	P=0.308N	P=0.504N
COCH-ARM / FISHERS	P=0.343N	P=0.661N	P=0.309N	P=0.500N
ORDER RESTRICTED	P=0.369N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.375N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lymph Node, Bronchial
 Angiectasis**

LESION RATES

OVERALL (a)	0/4 (0%)	0/2 (0%)	1/4 (25%)	1/10 (10%)
POLY-3 RATE (b)	0/2.83	0/1.44	1/3.51	1/8.85
POLY-3 PERCENT (g)	0%	0%	28.5%	11.3%
TERMINAL (d)	0/2 (0%)	0/1 (0%)	1/2 (50%)	1/6 (17%)
FIRST INCIDENCE	---	---	730 (T)	730 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.550	(e)	P=0.500	P=0.718
POLY 3	P=0.600	(e)	P=0.543	P=0.712
POLY 1.5	P=0.564	(e)	P=0.529	P=0.701
POLY 6	P=0.629	(e)	P=0.555	P=0.719
LOGISTIC REGRESSION	(e)	(e)	P=0.500	P=0.718
COCH-ARM / FISHERS	P=0.500	(e)	P=0.500	P=0.714
ORDER RESTRICTED	P=0.415	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.486	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Lymph Node, Bronchial
Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	0/4 (0%)	0/2 (0%)	0/4 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/2.83	0/1.44	0/3.51	2/8.85
POLY-3 PERCENT (g)	0%	0%	0%	22.6%
TERMINAL (d)	0/2 (0%)	0/1 (0%)	0/2 (0%)	2/6 (33%)
FIRST INCIDENCE	---	---	---	730 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.212	(e)	(e)	P=0.500
POLY 3	P=0.230	(e)	(e)	P=0.510
POLY 1.5	P=0.217	(e)	(e)	P=0.492
POLY 6	P=0.240	(e)	(e)	P=0.522
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.180	(e)	(e)	P=0.495
ORDER RESTRICTED	P=0.288	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.371	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lymph Node, Mediastinal
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	0/29 (0%)	0/27 (0%)	1/30 (3%)	0/25 (0%)
POLY-3 RATE (b)	0/23.63	0/23.64	1/24.89	0/20.81
POLY-3 PERCENT (g)	0%	0%	4%	0%
TERMINAL (d)	0/14 (0%)	0/15 (0%)	0/14 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	633	---

STATISTICAL TESTS

LIFE TABLE	P=0.692	(e)	P=0.510	(e)
POLY 3	P=0.683	(e)	P=0.510	(e)
POLY 1.5	P=0.687	(e)	P=0.509	(e)
POLY 6	P=0.667	(e)	P=0.515	(e)
LOGISTIC REGRESSION	P=0.671	(e)	P=0.505	(e)
COCH-ARM / FISHERS	P=0.683	(e)	P=0.508	(e)
ORDER RESTRICTED	P=0.392	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.399	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Lymph Node, Mesenteric
 Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	2/49 (4%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/42.87	0/44.29	0/41.83	0/42.35
POLY-3 PERCENT (g)	4.7%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/26 (0%)	0/26 (0%)
FIRST INCIDENCE	393	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.115N	P=0.238N	P=0.238N	P=0.238N
POLY 3	P=0.113N	P=0.230N	P=0.242N	P=0.240N
POLY 1.5	P=0.113N	P=0.231N	P=0.241N	P=0.236N
POLY 6	P=0.113N	P=0.228N	P=0.244N	P=0.245N
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.114N	P=0.242N	P=0.247N	P=0.242N
ORDER RESTRICTED	P=0.030N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.035N*	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Lymph Node, Mesenteric
 Infiltration Cellular Histiocyte

LESION RATES

OVERALL (a)	9/49 (18%)	9/50 (18%)	3/49 (6%)	4/50 (8%)
POLY-3 RATE (b)	9/42.30	9/45.20	3/42.52	4/42.35
POLY-3 PERCENT (g)	21.3%	19.9%	7.1%	9.5%
TERMINAL (d)	5/29 (17%)	5/31 (16%)	1/26 (4%)	4/26 (15%)
FIRST INCIDENCE	528	617	537	730 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.073N	P=0.522N	P=0.078N	P=0.157N
POLY 3	P=0.044N*	P=0.542N	P=0.056N	P=0.111N
POLY 1.5	P=0.042N*	P=0.557N	P=0.057N	P=0.108N
POLY 6	P=0.049N*	P=0.526N	P=0.055N	P=0.122N
LOGISTIC REGRESSION	P=0.042N*	P=0.557N	P=0.061N	P=0.107N
COCH-ARM / FISHERS	P=0.042N*	P=0.584N	P=0.060N	P=0.109N
ORDER RESTRICTED	P=0.065N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.068N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Lymph Node: Pancreatic
 Angiectasis**

LESION RATES

OVERALL (a)	0/4 (0%)	0/0 (0%)	1/3 (33%)	0/3 (0%)
POLY-3 RATE (b)	0/3.08	0/0.00	1/2.34	0/1.68
POLY-3 PERCENT (g)	0%	0%	42.7%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)
FIRST INCIDENCE	---	---	439	---

STATISTICAL TESTS

LIFE TABLE	P=0.698	(e)	P=0.504	(e)
POLY 3	(e)	(e)	P=0.440	(e)
POLY 1.5	(e)	(e)	P=0.440	(e)
POLY 6	(e)	(e)	P=0.445	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.429	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Mammary Gland
 Galactocele**

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/42.82	1/44.34	2/43.73	1/42.63
POLY-3 PERCENT (g)	4.7%	2.3%	4.6%	2.4%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	526	719	509	653

STATISTICAL TESTS

LIFE TABLE	P=0.450N	P=0.475N	P=0.678N	P=0.489N
POLY 3	P=0.451N	P=0.488N	P=0.687N	P=0.502N
POLY 1.5	P=0.447N	P=0.492N	P=0.689N	P=0.499N
POLY 6	P=0.459N	P=0.484N	P=0.684N	P=0.508N
LOGISTIC REGRESSION	P=0.503N	P=0.631N	P=0.646	P=0.612N
COCH-ARM / FISHERS	P=0.444N	P=0.500N	P=0.691N	P=0.500N
ORDER RESTRICTED	P=0.444N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.451N	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)

TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Mesentery
Necrosis

LESION RATES

OVERALL (a)	13/13 (100%)	12/12 (100%)	10/10 (100%)	9/9 (100%)
POLY-3 RATE (b)	13/13.00	12/12.00	10/10.00	9/9.00
POLY-3 PERCENT (g)	100%	100%	100%	100%
TERMINAL (d)	6/6 (100%)	7/7 (100%)	6/6 (100%)	6/6 (100%)
FIRST INCIDENCE	409	516	439	617

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose
 Foreign Body

LESION RATES

OVERALL (a)	1/49 (2%)	4/49 (8%)	4/50 (8%)	6/50 (12%)
POLY-3 RATE (b)	1/41.41	4/43.88	4/43.21	6/43.84
POLY-3 PERCENT (g)	2.4%	9.1%	9.3%	13.7%
TERMINAL (d)	0/29 (0%)	1/31 (3%)	3/27 (11%)	1/26 (4%)
FIRST INCIDENCE	673	640	621	523

STATISTICAL TESTS

LIFE TABLE	P=0.047*	P=0.217	P=0.176	P=0.067
POLY 3	P=0.064	P=0.196	P=0.191	P=0.065
POLY 1.5	P=0.063	P=0.190	P=0.189	P=0.063
POLY 6	P=0.063	P=0.204	P=0.193	P=0.064
LOGISTIC REGRESSION	P=0.060	P=0.184	P=0.189	P=0.054
COCH-ARM / FISHERS	P=0.060	P=0.181	P=0.187	P=0.059
ORDER RESTRICTED	P=0.047*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.056	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose
Inflammation Chronic

LESION RATES

OVERALL (a)	7/49 (14%)	9/49 (18%)	11/50 (22%)	18/50 (36%)
POLY-3 RATE (b)	7/41.86	9/43.86	11/44.29	18/44.15
POLY-3 PERCENT (g)	16.7%	20.5%	24.8%	40.8%
TERMINAL (d)	5/29 (17%)	7/31 (23%)	7/27 (26%)	11/26 (42%)
FIRST INCIDENCE	599	640	537	502

STATISTICAL TESTS

LIFE TABLE	P=0.002**	P=0.457	P=0.205	P=0.009**
POLY 3	P=0.004**	P=0.431	P=0.254	P=0.011*
POLY 1.5	P=0.004**	P=0.418	P=0.245	P=0.011*
POLY 6	P=0.003**	P=0.445	P=0.264	P=0.010**
LOGISTIC REGRESSION	P=0.004**	P=0.447	P=0.239	P=0.012*
COCH-ARM / FISHERS	P=0.005**	P=0.393	P=0.232	P=0.011*
ORDER RESTRICTED	P=0.006**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.006**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Glands, Respiratory Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	2/49 (4%)	33/49 (67%)	44/50 (88%)	47/50 (94%)
POLY-3 RATE (b)	2/41.41	33/46.42	44/48.00	47/49.61
POLY-3 PERCENT (g)	4.8%	71.1%	91.7%	94.7%
TERMINAL (d)	1/29 (3%)	22/31 (71%)	25/27 (93%)	24/26 (92%)
FIRST INCIDENCE	673	543	509	502

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Nasolacrimal Duct
Inflammation Chronic

LESION RATES

OVERALL (a)	3/49 (6%)	1/49 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/42.02	1/43.44	0/42.83	0/42.35
POLY-3 PERCENT (g)	7.1%	2.3%	0%	0%
TERMINAL (d)	2/29 (7%)	1/31 (3%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	409	730 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.050N*	P=0.287N	P=0.130N	P=0.134N
POLY 3	P=0.042N*	P=0.293N	P=0.115N	P=0.117N
POLY 1.5	P=0.042N*	P=0.298N	P=0.115N	P=0.116N
POLY 6	P=0.043N*	P=0.287N	P=0.114N	P=0.120N
LOGISTIC REGRESSION	P=0.046N*	P=0.354N	P=0.126N	P=0.137N
COCH-ARM / FISHERS	P=0.042N*	P=0.309N	P=0.117N	P=0.117N
ORDER RESTRICTED	P=0.020N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.022N*	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Olfactory Epithelium
 Accumulation, Hyaline Droplet

LESION RATES

OVERALL (a)	6/49 (12%)	5/49 (10%)	6/50 (12%)	15/50 (30%)
POLY-3 RATE (b)	6/41.82	5/43.99	6/43.21	15/43.48
POLY-3 PERCENT (g)	14.4%	11.4%	13.9%	34.5%
TERMINAL (d)	3/29 (10%)	4/31 (13%)	4/27 (15%)	10/26 (39%)
FIRST INCIDENCE	652	558	663	617

STATISTICAL TESTS

LIFE TABLE	P=0.002**	P=0.445N	P=0.616	P=0.022*
POLY 3	P=0.004**	P=0.464N	P=0.599N	P=0.025*
POLY 1.5	P=0.004**	P=0.477N	P=0.600N	P=0.026*
POLY 6	P=0.003**	P=0.454N	P=0.599N	P=0.022*
LOGISTIC REGRESSION	P=0.004**	P=0.476N	P=0.592N	P=0.025*
COCH-ARM / FISHERS	P=0.005**	P=0.500N	P=0.606N	P=0.027*
ORDER RESTRICTED	P=0.005**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.006**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Requested: 08/09/2006
 Time Report Requested: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Olfactory Epithelium
 Atrophy**

LESION RATES

OVERALL (a)	3/49 (6%)	0/49 (0%)	28/50 (56%)	37/50 (74%)
POLY-3 RATE (b)	3/41.47	0/43.44	28/45.71	37/48.04
POLY-3 PERCENT (g)	7.2%	0%	61.3%	77%
TERMINAL (d)	1/29 (3%)	0/31 (0%)	15/27 (56%)	18/26 (69%)
FIRST INCIDENCE	673	---	549	502

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.109N	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.110N	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.113N	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.107N	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.111N	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.121N	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Olfactory Epithelium
 Degeneration

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/41.20	0/43.44	1/42.83	4/43.07
POLY-3 PERCENT (g)	0%	0%	2.3%	9.3%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	1/27 (4%)	1/26 (4%)
FIRST INCIDENCE	---	---	730 (T)	618

STATISTICAL TESTS

LIFE TABLE	P=0.005**	(e)	P=0.486	P=0.068
POLY 3	P=0.005**	(e)	P=0.508	P=0.065
POLY 1.5	P=0.006**	(e)	P=0.506	P=0.065
POLY 6	P=0.005**	(e)	P=0.509	P=0.065
LOGISTIC REGRESSION	P=0.006**	(e)	P=0.486	P=0.065
COCH-ARM / FISHERS	P=0.006**	(e)	P=0.505	P=0.061
ORDER RESTRICTED	P=0.007**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.008**	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Olfactory Epithelium
Hyperplasia

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/41.20	0/43.44	0/42.83	1/42.49
POLY-3 PERCENT (g)	0%	0%	0%	2.4%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	694

STATISTICAL TESTS

LIFE TABLE	P=0.187	(e)	(e)	P=0.500
POLY 3	P=0.200	(e)	(e)	P=0.506
POLY 1.5	P=0.201	(e)	(e)	P=0.506
POLY 6	P=0.197	(e)	(e)	P=0.504
LOGISTIC REGRESSION	P=0.200	(e)	(e)	P=0.505
COCH-ARM / FISHERS	P=0.201	(e)	(e)	P=0.505
ORDER RESTRICTED	P=0.126	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.134	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Olfactory Epithelium
 Hyperplasia Basal Cell**

LESION RATES

OVERALL (a)	0/49 (0%)	28/49 (57%)	42/50 (84%)	48/50 (96%)
POLY-3 RATE (b)	0/41.20	28/45.92	42/47.60	48/49.49
POLY-3 PERCENT (g)	0%	61%	88.2%	97%
TERMINAL (d)	0/29 (0%)	19/31 (61%)	24/27 (89%)	26/26 (100%)
FIRST INCIDENCE	---	556	509	502

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Olfactory Epithelium
 Metaplasia Respiratory**

LESION RATES

OVERALL (a)	3/49 (6%)	2/49 (4%)	7/50 (14%)	17/50 (34%)
POLY-3 RATE (b)	3/41.20	2/43.80	7/43.12	17/43.89
POLY-3 PERCENT (g)	7.3%	4.6%	16.2%	38.7%
TERMINAL (d)	3/29 (10%)	1/31 (3%)	6/27 (22%)	10/26 (39%)
FIRST INCIDENCE	730 (T)	628	652	618

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.471N	P=0.133	P<0.001**
POLY 3	P<0.001**	P=0.472N	P=0.174	P<0.001**
POLY 1.5	P<0.001**	P=0.483N	P=0.171	P<0.001**
POLY 6	P<0.001**	P=0.460N	P=0.178	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.472N	P=0.172	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.167	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Olfactory Epithelium
 Necrosis

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	0/41.20	0/43.44	2/42.83	5/44.03
POLY-3 PERCENT (g)	0%	0%	4.7%	11.4%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	2/27 (7%)	2/26 (8%)
FIRST INCIDENCE	---	---	730 (T)	516

STATISTICAL TESTS

LIFE TABLE	P=0.002**	(e)	P=0.222	P=0.035*
POLY 3	P=0.003**	(e)	P=0.246	P=0.036*
POLY 1.5	P=0.003**	(e)	P=0.244	P=0.035*
POLY 6	P=0.002**	(e)	P=0.247	P=0.036*
LOGISTIC REGRESSION	P=0.002**	(e)	P=0.222	P=0.020*
COCH-ARM / FISHERS	P=0.003**	(e)	P=0.253	P=0.030*
ORDER RESTRICTED	P=0.004**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.004**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Nose: Olfactory Epithelium, Glands
 Hyperplasia

LESION RATES

OVERALL (a)	0/49 (0%)	6/49 (12%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/41.20	6/43.54	1/42.83	2/43.66
POLY-3 PERCENT (g)	0%	13.8%	2.3%	4.6%
TERMINAL (d)	0/29 (0%)	5/31 (16%)	1/27 (4%)	0/26 (0%)
FIRST INCIDENCE	---	705	730 (T)	502

STATISTICAL TESTS

LIFE TABLE	P=0.519	P=0.023*	P=0.486	P=0.247
POLY 3	P=0.579N	P=0.018*	P=0.508	P=0.250
POLY 1.5	P=0.587N	P=0.017*	P=0.506	P=0.248
POLY 6	P=0.577N	P=0.019*	P=0.509	P=0.249
LOGISTIC REGRESSION	P=0.577	P=0.023*	P=0.486	P=0.071
COCH-ARM / FISHERS	P=0.579	P=0.013*	P=0.505	P=0.253
ORDER RESTRICTED	P=0.112	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.125	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Requested: 08/09/2006
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Respiratory Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	2/49 (4%)	23/49 (47%)	25/50 (50%)	36/50 (72%)
POLY-3 RATE (b)	2/41.86	23/46.99	25/47.37	36/48.66
POLY-3 PERCENT (g)	4.8%	49%	52.8%	74%
TERMINAL (d)	0/29 (0%)	12/31 (39%)	8/27 (30%)	18/26 (69%)
FIRST INCIDENCE	599	543	439	502

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Nose: Respiratory Epithelium
 Metaplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	1/49 (2%)	0/50 (0%)	4/50 (8%)
POLY-3 RATE (b)	0/41.20	1/43.76	0/42.83	4/43.84
POLY-3 PERCENT (g)	0%	2.3%	0%	9.1%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	640	---	502

STATISTICAL TESTS

LIFE TABLE	P=0.013*	P=0.515	(e)	P=0.071
POLY 3	P=0.013*	P=0.512	(e)	P=0.068
POLY 1.5	P=0.013*	P=0.507	(e)	P=0.067
POLY 6	P=0.013*	P=0.517	(e)	P=0.069
LOGISTIC REGRESSION	P=0.010**	P=0.460	(e)	P=0.041*
COCH-ARM / FISHERS	P=0.014*	P=0.500	(e)	P=0.061
ORDER RESTRICTED	P=0.007**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.010**	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Ovary
 Cyst

LESION RATES

OVERALL (a)	6/50 (12%)	5/50 (10%)	6/50 (12%)	8/50 (16%)
POLY-3 RATE (b)	6/42.80	5/44.62	6/43.08	8/43.97
POLY-3 PERCENT (g)	14%	11.2%	13.9%	18.2%
TERMINAL (d)	4/29 (14%)	4/31 (13%)	5/27 (19%)	1/26 (4%)
FIRST INCIDENCE	513	640	663	617

STATISTICAL TESTS

LIFE TABLE	P=0.224	P=0.455N	P=0.590	P=0.381
POLY 3	P=0.275	P=0.471N	P=0.617N	P=0.407
POLY 1.5	P=0.274	P=0.481N	P=0.618N	P=0.400
POLY 6	P=0.274	P=0.459N	P=0.617N	P=0.412
LOGISTIC REGRESSION	P=0.270	P=0.492N	P=0.609N	P=0.377
COCH-ARM / FISHERS	P=0.269	P=0.500N	P=0.620N	P=0.387
ORDER RESTRICTED	P=0.363	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.373	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Ovary: Interstitial Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	5/50 (10%)	8/50 (16%)	3/50 (6%)	6/50 (12%)
POLY-3 RATE (b)	5/43.43	8/44.55	3/43.12	6/42.85
POLY-3 PERCENT (g)	11.5%	18%	7%	14%
TERMINAL (d)	1/29 (3%)	5/31 (16%)	0/27 (0%)	4/26 (15%)
FIRST INCIDENCE	528	701	667	628

STATISTICAL TESTS

LIFE TABLE	P=0.514	P=0.337	P=0.354N	P=0.468
POLY 3	P=0.544N	P=0.291	P=0.360N	P=0.490
POLY 1.5	P=0.535N	P=0.287	P=0.358N	P=0.498
POLY 6	P=0.558	P=0.292	P=0.364N	P=0.471
LOGISTIC REGRESSION	P=0.530N	P=0.269	P=0.374N	P=0.487
COCH-ARM / FISHERS	P=0.530N	P=0.277	P=0.357N	P=0.500
ORDER RESTRICTED	P=0.434N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.441N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Pancreas: Acinus
 Atrophy**

LESION RATES

OVERALL (a)	6/50 (12%)	9/50 (18%)	11/50 (22%)	14/50 (28%)
POLY-3 RATE (b)	6/41.97	9/45.07	11/43.62	14/45.02
POLY-3 PERCENT (g)	14.3%	20%	25.2%	31.1%
TERMINAL (d)	5/29 (17%)	5/31 (16%)	7/27 (26%)	7/26 (27%)
FIRST INCIDENCE	659	627	598	502

STATISTICAL TESTS

LIFE TABLE	P=0.018*	P=0.357	P=0.131	P=0.037*
POLY 3	P=0.035*	P=0.339	P=0.158	P=0.051
POLY 1.5	P=0.032*	P=0.319	P=0.152	P=0.046*
POLY 6	P=0.036*	P=0.365	P=0.166	P=0.055
LOGISTIC REGRESSION	P=0.027*	P=0.343	P=0.159	P=0.041*
COCH-ARM / FISHERS	P=0.028*	P=0.288	P=0.143	P=0.039*
ORDER RESTRICTED	P=0.042*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.053	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Pancreas: Acinus
 Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.70	0/44.29	0/42.83	0/42.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Parathyroid Gland
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	0/47 (0%)	0/50 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/40.70	0/41.66	0/42.83	0/39.89
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/28 (0%)	0/29 (0%)	0/27 (0%)	0/25 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Pituitary Gland Hemorrhage

LESION RATES

OVERALL (a)	1/50 (2%)	5/50 (10%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	1/42.20	5/44.97	2/43.07	3/42.49
POLY-3 PERCENT (g)	2.4%	11.1%	4.6%	7.1%
TERMINAL (d)	0/29 (0%)	2/31 (7%)	1/27 (4%)	2/26 (8%)
FIRST INCIDENCE	581	556	667	695

STATISTICAL TESTS

LIFE TABLE	P=0.389	P=0.130	P=0.509	P=0.291
POLY 3	P=0.440	P=0.116	P=0.507	P=0.307
POLY 1.5	P=0.442	P=0.111	P=0.504	P=0.308
POLY 6	P=0.431	P=0.122	P=0.510	P=0.301
LOGISTIC REGRESSION	P=0.438	P=0.087	P=0.490	P=0.306
COCH-ARM / FISHERS	P=0.438	P=0.102	P=0.500	P=0.309
ORDER RESTRICTED	P=0.256	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.262	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Pituitary Gland: Pars Distalis
 Cyst**

LESION RATES

OVERALL (a)	4/50 (8%)	2/50 (4%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	4/42.61	2/44.29	3/43.38	0/42.35
POLY-3 PERCENT (g)	9.4%	4.5%	6.9%	0%
TERMINAL (d)	2/29 (7%)	2/31 (7%)	1/27 (4%)	0/26 (0%)
FIRST INCIDENCE	513	730 (T)	621	---

STATISTICAL TESTS

LIFE TABLE	P=0.071N	P=0.308N	P=0.499N	P=0.070N
POLY 3	P=0.062N	P=0.319N	P=0.490N	P=0.060N
POLY 1.5	P=0.060N	P=0.325N	P=0.494N	P=0.060N
POLY 6	P=0.065N	P=0.313N	P=0.485N	P=0.063N
LOGISTIC REGRESSION	P=0.060N	P=0.343N	P=0.510N	P=0.067N
COCH-ARM / FISHERS	P=0.060N	P=0.339N	P=0.500N	P=0.059N
ORDER RESTRICTED	P=0.036N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.041N*	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Pituitary Gland: Pars Distalis
 Hyperplasia**

LESION RATES

OVERALL (a)	11/50 (22%)	5/50 (10%)	6/50 (12%)	9/50 (18%)
POLY-3 RATE (b)	11/42.69	5/44.88	6/43.27	9/44.38
POLY-3 PERCENT (g)	25.8%	11.1%	13.9%	20.3%
TERMINAL (d)	9/29 (31%)	3/31 (10%)	4/27 (15%)	3/26 (12%)
FIRST INCIDENCE	393	627	667	522

STATISTICAL TESTS

LIFE TABLE	P=0.538	P=0.066N	P=0.163N	P=0.458N
POLY 3	P=0.479N	P=0.065N	P=0.130N	P=0.361N
POLY 1.5	P=0.481N	P=0.073N	P=0.136N	P=0.377N
POLY 6	P=0.481N	P=0.055N	P=0.121N	P=0.347N
LOGISTIC REGRESSION	P=0.486N	P=0.074N	P=0.130N	P=0.402N
COCH-ARM / FISHERS	P=0.487N	P=0.086N	P=0.143N	P=0.402N
ORDER RESTRICTED	P=0.147N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.158N	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Skin
Cyst Epithelial Inclusion

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/42.20	0/44.29	0/42.83	1/42.98
POLY-3 PERCENT (g)	2.4%	0%	0%	2.3%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	580	---	---	522

STATISTICAL TESTS

LIFE TABLE	P=0.597	P=0.500N	P=0.500N	P=0.756N
POLY 3	P=0.591	P=0.490N	P=0.497N	P=0.757N
POLY 1.5	P=0.593	P=0.494N	P=0.498N	P=0.757N
POLY 6	P=0.586	P=0.487N	P=0.496N	P=0.759N
LOGISTIC REGRESSION	P=0.505	P=0.616N	P=0.530N	P=0.660
COCH-ARM / FISHERS	P=0.595	P=0.500N	P=0.500N	P=0.753N
ORDER RESTRICTED	P=0.393N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.401N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Skin
 Ulcer

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/41.76	1/44.29	1/42.83	0/42.35
POLY-3 PERCENT (g)	2.4%	2.3%	2.3%	0%
TERMINAL (d)	0/29 (0%)	1/31 (3%)	1/27 (4%)	0/26 (0%)
FIRST INCIDENCE	715	730 (T)	730 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.345N	P=0.742N	P=0.749	P=0.529N
POLY 3	P=0.313N	P=0.748N	P=0.755N	P=0.497N
POLY 1.5	P=0.312N	P=0.752N	P=0.757N	P=0.497N
POLY 6	P=0.316N	P=0.743N	P=0.753N	P=0.500N
LOGISTIC REGRESSION	P=0.328N	P=0.739N	P=0.755N	P=0.502N
COCH-ARM / FISHERS	P=0.311N	P=0.753N	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.325N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.334N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Spleen
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	21/50 (42%)	26/50 (52%)	22/50 (44%)	17/49 (35%)
POLY-3 RATE (b)	21/44.58	26/47.83	22/44.29	17/43.74
POLY-3 PERCENT (g)	47.1%	54.4%	49.7%	38.9%
TERMINAL (d)	15/29 (52%)	14/31 (45%)	15/27 (56%)	10/26 (39%)
FIRST INCIDENCE	513	556	598	522

STATISTICAL TESTS

LIFE TABLE	P=0.278N	P=0.349	P=0.444	P=0.367N
POLY 3	P=0.163N	P=0.310	P=0.488	P=0.282N
POLY 1.5	P=0.154N	P=0.267	P=0.492	P=0.283N
POLY 6	P=0.183N	P=0.377	P=0.489	P=0.287N
LOGISTIC REGRESSION	P=0.148N	P=0.219	P=0.540	P=0.279N
COCH-ARM / FISHERS	P=0.153N	P=0.212	P=0.500	P=0.295N
ORDER RESTRICTED	P=0.199N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.205N	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006

Time Report Reqsted: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Spleen
Hemorrhage Chronic

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	1/41.70	0/44.29	0/42.83	1/42.25
POLY-3 PERCENT (g)	2.4%	0%	0%	2.4%
TERMINAL (d)	1/29 (3%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	730 (T)	---	---	516

STATISTICAL TESTS

LIFE TABLE	P=0.583	P=0.487N	P=0.514N	P=0.753
POLY 3	P=0.587	P=0.488N	P=0.495N	P=0.758N
POLY 1.5	P=0.589	P=0.492N	P=0.497N	P=0.760N
POLY 6	P=0.584	P=0.483N	P=0.492N	P=0.758N
LOGISTIC REGRESSION	P=0.565	(e)	(e)	P=0.728
COCH-ARM / FISHERS	P=0.591	P=0.500N	P=0.500N	P=0.747
ORDER RESTRICTED	P=0.393N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.400N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Spleen
 Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/41.70	0/44.29	0/42.83	0/41.60
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Stomach, Forestomach
 Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.70	0/44.29	0/42.83	0/42.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Stomach, Forestomach
 Ulcer

LESION RATES

OVERALL (a)	3/50 (6%)	5/50 (10%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/42.81	5/45.38	1/43.61	2/43.37
POLY-3 PERCENT (g)	7%	11%	2.3%	4.6%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	513	556	439	523

STATISTICAL TESTS

LIFE TABLE	P=0.268N	P=0.415	P=0.296N	P=0.490N
POLY 3	P=0.244N	P=0.389	P=0.298N	P=0.494N
POLY 1.5	P=0.244N	P=0.377	P=0.300N	P=0.494N
POLY 6	P=0.248N	P=0.402	P=0.298N	P=0.500N
LOGISTIC REGRESSION	P=0.297N	P=0.267	P=0.353N	P=0.615N
COCH-ARM / FISHERS	P=0.248N	P=0.357	P=0.309N	P=0.500N
ORDER RESTRICTED	P=0.225N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.232N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Stomach, Glandular
 Erosion**

LESION RATES

OVERALL (a)	3/49 (6%)	1/50 (2%)	1/50 (2%)	3/48 (6%)
POLY-3 RATE (b)	3/42.17	1/44.66	1/43.00	3/42.66
POLY-3 PERCENT (g)	7.1%	2.2%	2.3%	7%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	580	627	686	516

STATISTICAL TESTS

LIFE TABLE	P=0.493	P=0.282N	P=0.285N	P=0.649N
POLY 3	P=0.491	P=0.285N	P=0.298N	P=0.658N
POLY 1.5	P=0.491	P=0.289N	P=0.297N	P=0.660N
POLY 6	P=0.486	P=0.282N	P=0.300N	P=0.661N
LOGISTIC REGRESSION	P=0.419	P=0.370N	P=0.309N	P=0.538
COCH-ARM / FISHERS	P=0.489	P=0.301N	P=0.301N	P=0.651
ORDER RESTRICTED	P=0.379N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.385N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
 Time Report Reqsted: 14:09:21
 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Stomach, Glandular
 Ulcer**

LESION RATES

OVERALL (a)	1/49 (2%)	0/50 (0%)	1/50 (2%)	1/48 (2%)
POLY-3 RATE (b)	1/41.34	0/44.29	1/43.04	1/41.62
POLY-3 PERCENT (g)	2.4%	0%	2.3%	2.4%
TERMINAL (d)	0/29 (0%)	0/31 (0%)	0/27 (0%)	0/26 (0%)
FIRST INCIDENCE	694	---	676	620

STATISTICAL TESTS

LIFE TABLE	P=0.541	P=0.465N	P=0.737N	P=0.752N
POLY 3	P=0.533	P=0.486N	P=0.752N	P=0.759N
POLY 1.5	P=0.534	P=0.490N	P=0.753N	P=0.761N
POLY 6	P=0.528	P=0.483N	P=0.751N	P=0.761N
LOGISTIC REGRESSION	P=0.523	P=0.492N	P=0.758N	P=0.745
COCH-ARM / FISHERS	P=0.533	P=0.495N	P=0.747N	P=0.747
ORDER RESTRICTED	P=0.530	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.535	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Requested: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

**Thyroid Gland: C-Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	21/50 (42%)	16/50 (32%)	18/50 (36%)	18/50 (36%)
POLY-3 RATE (b)	21/42.76	16/45.53	18/44.39	18/43.78
POLY-3 PERCENT (g)	49.1%	35.1%	40.6%	41.1%
TERMINAL (d)	16/29 (55%)	11/31 (36%)	12/27 (44%)	13/26 (50%)
FIRST INCIDENCE	599	556	598	617

STATISTICAL TESTS

LIFE TABLE	P=0.515	P=0.134N	P=0.389N	P=0.457N
POLY 3	P=0.384N	P=0.127N	P=0.274N	P=0.293N
POLY 1.5	P=0.382N	P=0.154N	P=0.302N	P=0.307N
POLY 6	P=0.400N	P=0.102N	P=0.240N	P=0.291N
LOGISTIC REGRESSION	P=0.404N	P=0.118N	P=0.277N	P=0.321N
COCH-ARM / FISHERS	P=0.392N	P=0.204N	P=0.341N	P=0.341N
ORDER RESTRICTED	P=0.261N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.271N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Uterus
 Hemorrhage

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/41.70	2/44.29	3/44.06	1/42.74
POLY-3 PERCENT (g)	2.4%	4.5%	6.8%	2.3%
TERMINAL (d)	1/29 (3%)	2/31 (7%)	1/27 (4%)	0/26 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	439	617

STATISTICAL TESTS

LIFE TABLE	P=0.598N	P=0.523	P=0.303	P=0.760N
POLY 3	P=0.570N	P=0.521	P=0.325	P=0.755N
POLY 1.5	P=0.571N	P=0.513	P=0.317	P=0.757N
POLY 6	P=0.575N	P=0.530	P=0.333	P=0.756N
LOGISTIC REGRESSION	P=0.594N	P=0.523	P=0.275	P=0.760
COCH-ARM / FISHERS	P=0.577N	P=0.500	P=0.309	P=0.753N
ORDER RESTRICTED	P=0.474N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.483N	(e)	(e)	(e)

TDMS No. 97008-05
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 PROPARGYL ALCOHOL
 CAS Number: 107-19-7
 Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Reqsted: 08/09/2006
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 First Dose M/F: 10/01/01 / 10/01/01
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	CONTROL	16 PPM	32 PPM	64 PPM

Uterus: Endometrium
 Hyperplasia Cystic

LESION RATES

OVERALL (a)	3/50 (6%)	3/50 (6%)	8/50 (16%)	5/50 (10%)
POLY-3 RATE (b)	3/43.19	3/44.86	8/43.24	5/42.49
POLY-3 PERCENT (g)	7%	6.7%	18.5%	11.8%
TERMINAL (d)	0/29 (0%)	1/31 (3%)	6/27 (22%)	4/26 (15%)
FIRST INCIDENCE	513	627	652	695

STATISTICAL TESTS

LIFE TABLE	P=0.177	P=0.619N	P=0.102	P=0.332
POLY 3	P=0.197	P=0.645N	P=0.097	P=0.346
POLY 1.5	P=0.209	P=0.651N	P=0.098	P=0.354
POLY 6	P=0.176	P=0.638N	P=0.095	P=0.331
LOGISTIC REGRESSION	P=0.220	P=0.538	P=0.098	P=0.341
COCH-ARM / FISHERS	P=0.219	P=0.661N	P=0.100	P=0.357
ORDER RESTRICTED	P=0.167	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.176	(e)	(e)	(e)

TDMS No. 97008-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Pathologist: HARBO, S. - LIEUALLEN, W.

Date Report Requested: 08/09/2006

Time Report Requested: 14:09:21

First Dose M/F: 10/01/01 / 10/01/01

Lab: BNW

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.
 - (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. The life table analysis regards tumors in animals dying prior to terminal kill as being (directly or indirectly) the cause of death.
 - (e) Value of Statistic cannot be computed.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (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
- Logistic regression is an alternative method for analyzing the incidence of non-fatal tumors.
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***