

**TDMS No.** 99017 - 05

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** RATS/F 344/N

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

Diethylamine

**CAS Number:** 109-89-7

**Date Report Requested:** 12/30/2008

**Time Report Requested:** 09:38:54

**First Dose M/F:** 08/25/03 / 08/25/03

**Lab:** BNW

F1\_R2

**C Number:** C99017  
**Lock Date:** 07/24/2006  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 2.1.0

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

**MALE RATS**

**Organ**

Adrenal Medulla  
Brain

Eye: Cornea

Kidney: Pelvis, Transitional Epithelium  
Liver

Lung  
Lung: Bronchiole  
Nose  
Nose: Glands, Respiratory Epithelium  
Nose: Goblet Cell  
Nose: Olfactory Epithelium

Nose: Respiratory Epithelium

Nose: Turbinate

Pleura  
Preputial Gland  
Skin  
Stomach, Forestomach

**Morphology**

Hyperplasia  
Compression  
Gliosis  
Hemorrhage  
Inflammation  
Inflammation Chronic  
Vacuolization Cytoplasmic  
Hyperplasia  
Clear Cell Focus  
Hepatodiaphragmatic Nodule  
Inflammation  
Hyperplasia  
Inflammation  
Accumulation, Hyaline Droplet  
Hyperplasia  
Accumulation, Hyaline Droplet  
Atrophy  
Hyperplasia Basal Cell  
Respiratory Metaplasia  
Vacuolization Cytoplasmic  
Accumulation, Hyaline Droplet  
Hyperplasia  
Metaplasia  
Necrosis  
Ulcer  
Vacuolization Cytoplasmic  
Hyperostosis  
Necrosis  
Inflammation Chronic  
Hyperplasia  
Cyst Epithelial Inclusion  
Hyperplasia

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Stomach, Glandular  
Thyroid Gland: C-Cell

Erosion  
Hyperplasia

**FEMALE RATS**

**Organ**

Adrenal Cortex  
Adrenal Medulla  
Kidney: Papilla  
Liver  
  
Lung  
  
Lung: Alveolus  
Lymph Node, Mediastinal  
Nose

Nose: Glands, Respiratory Epithelium

Nose: Goblet Cell  
Nose: Olfactory Epithelium

Nose: Respiratory Epithelium

Nose: Turbinate

Pituitary Gland: Pars Distalis  
Pleura

**Morphology**

Hyperplasia  
Hyperplasia  
Mineralization  
Clear Cell Focus  
Hepatodiaphragmatic Nodule  
Hemorrhage  
Inflammation Chronic  
Infiltration Cellular Histiocyte  
Pigmentation  
Foreign Body  
Inflammation  
Accumulation, Hyaline Droplet  
Hyperplasia  
Hyperplasia  
Accumulation, Hyaline Droplet  
Atrophy  
Hyperplasia Basal Cell  
Necrosis  
Respiratory Metaplasia  
Vacuolization Cytoplasmic  
Accumulation, Hyaline Droplet  
Hyperplasia  
Metaplasia  
Necrosis  
Ulcer  
Vacuolization Cytoplasmic  
Hyperostosis  
Necrosis  
Hyperplasia  
Inflammation Chronic

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

Skin  
Stomach, Forestomach

Ulcer  
Inflammation

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

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DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Adrenal Cortex Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	15/50 (30%)	17/50 (34%)	10/50 (20%)	12/50 (24%)
POLY-3 RATE (b)	15/44.09	17/43.81	10/43.95	12/45.62
POLY-3 PERCENT (g)	34%	38.8%	22.8%	26.3%
TERMINAL (d)	9/28 (32%)	9/21 (43%)	9/25 (36%)	10/36 (28%)
FIRST INCIDENCE	621	512	714	628
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.143N	P=0.402	P=0.172N	P=0.284N
POLY 1.5	P=0.161N	P=0.407	P=0.174N	P=0.307N
POLY 6	P=0.119N	P=0.393	P=0.174N	P=0.253N
COCH-ARM / FISHERS	P=0.179N	P=0.415	P=0.178N	P=0.326N
MAX-ISO-POLY-3	P=0.176N	P=0.319	P=0.118N	P=0.216N

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Adrenal Cortex</b>				
<b>Hyperplasia Focal</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.66	1/41.57	1/43.89	0/45.16
POLY-3 PERCENT (g)	0%	2.4%	2.3%	0%
TERMINAL (d)	0/28 (0%)	1/21 (5%)	1/25 (4%)	0/36 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.578N	P=0.495	P=0.506	(e)
POLY 1.5	P=0.586N	P=0.497	P=0.503	(e)
POLY 6	P=0.566N	P=0.492	P=0.509	(e)
COCH-ARM / FISHERS	P=0.594N	P=0.500	P=0.500	(e)
MAX-ISO-POLY-3	P=0.407N	P=0.158	P=0.165	(e)

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Adrenal Cortex</b>				
<b>Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	7/50 (14%)	16/50 (32%)	6/50 (12%)
POLY-3 RATE (b)	9/44.77	7/42.49	16/45.58	6/45.26
POLY-3 PERCENT (g)	20.1%	16.5%	35.1%	13.3%
TERMINAL (d)	2/28 (7%)	2/21 (10%)	7/25 (28%)	5/36 (14%)
FIRST INCIDENCE	505	583	569	702
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.341N	P=0.436N	P=0.084	P=0.278N
POLY 1.5	P=0.363N	P=0.418N	P=0.082	P=0.286N
POLY 6	P=0.304N	P=0.461N	P=0.089	P=0.263N
COCH-ARM / FISHERS	P=0.381N	P=0.393N	P=0.083	P=0.288N
MAX-ISO-POLY-3	P=0.159N	P=0.334N	P=0.054	P=0.193N

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Adrenal Medulla Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	16/50 (32%)	18/50 (36%)	25/50 (50%)	18/49 (37%)
POLY-3 RATE (b)	16/45.25	18/43.61	25/46.05	18/45.94
POLY-3 PERCENT (g)	35.4%	41.3%	54.3%	39.2%
TERMINAL (d)	7/28 (25%)	10/21 (48%)	13/25 (52%)	14/36 (39%)
FIRST INCIDENCE	547	571	596	611
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.387	P=0.359	P=0.049*	P=0.436
POLY 1.5	P=0.350	P=0.383	P=0.049*	P=0.415
POLY 6	P=0.440	P=0.326	P=0.052	P=0.465
COCH-ARM / FISHERS	P=0.306	P=0.417	P=0.052	P=0.388
MAX-ISO-POLY-3	P=0.213	P=0.284	P=0.032*	P=0.353

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Bone Marrow Hyperplasia Reticulum Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/42.74	0/41.57	1/43.96	0/45.16
POLY-3 PERCENT (g)	4.7%	0%	2.3%	0%
TERMINAL (d)	1/28 (4%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	710	---	712	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.179N	P=0.243N	P=0.490N	P=0.225N
POLY 1.5	P=0.184N	P=0.241N	P=0.495N	P=0.231N
POLY 6	P=0.171N	P=0.247N	P=0.484N	P=0.215N
COCH-ARM / FISHERS	P=0.189N	P=0.247N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.077N	P=0.081N	P=0.275N	P=0.076N

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Brain Compression</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	11/50 (22%)	6/50 (12%)	4/50 (8%)
POLY-3 RATE (b)	9/44.18	11/43.69	6/44.14	4/46.09
POLY-3 PERCENT (g)	20.4%	25.2%	13.6%	8.7%
TERMINAL (d)	2/28 (7%)	5/21 (24%)	3/25 (12%)	2/36 (6%)
FIRST INCIDENCE	625	455	687	562
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.035N*	P=0.388	P=0.286N	P=0.098N
POLY 1.5	P=0.040N*	P=0.395	P=0.287N	P=0.107N
POLY 6	P=0.028N*	P=0.371	P=0.288N	P=0.087N
COCH-ARM / FISHERS	P=0.047N*	P=0.402	P=0.288N	P=0.117N
MAX-ISO-POLY-3	P=0.054N	P=0.296	P=0.198N	P=0.059N

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Brain</b>				
<b>Gliososis</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.18	0/41.57	0/43.89	0/45.16
POLY-3 PERCENT (g)	4.6%	0%	0%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	651	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.111N	P=0.245N	P=0.233N	P=0.227N
POLY 1.5	P=0.112N	P=0.242N	P=0.235N	P=0.233N
POLY 6	P=0.109N	P=0.251N	P=0.231N	P=0.219N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.032N*	P=0.084N	P=0.076N	P=0.076N

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Brain Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	8/50 (16%)	5/50 (10%)	0/50 (0%)
POLY-3 RATE (b)	2/43.25	8/44.33	5/45.03	0/45.16
POLY-3 PERCENT (g)	4.6%	18.1%	11.1%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	1/25 (4%)	0/36 (0%)
FIRST INCIDENCE	647	455	475	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.073N	P=0.048*	P=0.232	P=0.228N
POLY 1.5	P=0.081N	P=0.047*	P=0.226	P=0.233N
POLY 6	P=0.062N	P=0.048*	P=0.240	P=0.220N
COCH-ARM / FISHERS	P=0.093N	P=0.046*	P=0.218	P=0.247N
MAX-ISO-POLY-3	P=0.042N*	P=0.024*	P=0.135	P=0.076N

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Eye: Anterior Chamber Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/42.22	0/41.57	1/44.42	2/45.26
POLY-3 PERCENT (g)	0%	0%	2.3%	4.4%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	1/36 (3%)
FIRST INCIDENCE	---	---	569	703
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.079	(e)	P=0.510	P=0.253
POLY 1.5	P=0.075	(e)	P=0.507	P=0.247
POLY 6	P=0.086	(e)	P=0.514	P=0.263
COCH-ARM / FISHERS	P=0.071	(e)	P=0.505	P=0.253
MAX-ISO-POLY-3	P=0.095	(e)	P=0.170	P=0.090

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Eye: Cornea Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/50 (2%)	5/50 (10%)
POLY-3 RATE (b)	0/42.22	0/41.57	1/43.89	5/45.64
POLY-3 PERCENT (g)	0%	0%	2.3%	11%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	1/25 (4%)	2/36 (6%)
FIRST INCIDENCE	---	---	729 (T)	656
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.002**	(e)	P=0.508	P=0.037*
POLY 1.5	P=0.002**	(e)	P=0.506	P=0.035*
POLY 6	P=0.002**	(e)	P=0.510	P=0.043*
COCH-ARM / FISHERS	P=0.002**	(e)	P=0.505	P=0.030*
MAX-ISO-POLY-3	P=0.003**	(e)	P=0.167	P=0.015*

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Eye: Cornea</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/42.22	0/41.57	0/43.89	3/46.09
POLY-3 PERCENT (g)	0%	0%	0%	6.5%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	2/36 (6%)
FIRST INCIDENCE	---	---	---	291
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.012*	(e)	(e)	P=0.135
POLY 1.5	P=0.012*	(e)	(e)	P=0.129
POLY 6	P=0.014*	(e)	(e)	P=0.144
COCH-ARM / FISHERS	P=0.012*	(e)	(e)	P=0.125
MAX-ISO-POLY-3	P=0.016*	(e)	(e)	P=0.051

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Eye: Cornea</b>				
<b>Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/42.22	0/41.57	0/43.89	3/46.47
POLY-3 PERCENT (g)	0%	0%	0%	6.5%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---	291
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.013*	(e)	(e)	P=0.137
POLY 1.5	P=0.012*	(e)	(e)	P=0.130
POLY 6	P=0.014*	(e)	(e)	P=0.147
COCH-ARM / FISHERS	P=0.012*	(e)	(e)	P=0.125
MAX-ISO-POLY-3	P=0.016*	(e)	(e)	P=0.052

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

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DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<hr/>				
Eye: Lens				
Cataract				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	3/50 (6%)	1/50 (2%)	5/50 (10%)
POLY-3 RATE (b)	1/42.22	3/42.25	1/43.89	5/45.31
POLY-3 PERCENT (g)	2.4%	7.1%	2.3%	11%
TERMINAL (d)	1/28 (4%)	0/21 (0%)	1/25 (4%)	3/36 (8%)
FIRST INCIDENCE	729 (T)	635	729 (T)	703
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.088	P=0.305	P=0.752N	P=0.118
POLY 1.5	P=0.083	P=0.308	P=0.754N	P=0.112
POLY 6	P=0.097	P=0.302	P=0.750N	P=0.129
COCH-ARM / FISHERS	P=0.080	P=0.316	P=0.747N	P=0.107
MAX-ISO-POLY-3	P=0.069	P=0.155	P=0.488N	P=0.059

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TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Eye: Retina</b>				
<b>Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	3/50 (6%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	1/42.22	3/42.25	1/43.89	3/45.21
POLY-3 PERCENT (g)	2.4%	7.1%	2.3%	6.6%
TERMINAL (d)	1/28 (4%)	0/21 (0%)	1/25 (4%)	2/36 (6%)
FIRST INCIDENCE	729 (T)	635	729 (T)	716
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.341	P=0.305	P=0.752N	P=0.330
POLY 1.5	P=0.330	P=0.308	P=0.754N	P=0.321
POLY 6	P=0.360	P=0.302	P=0.750N	P=0.346
COCH-ARM / FISHERS	P=0.320	P=0.316	P=0.747N	P=0.316
MAX-ISO-POLY-3	P=0.286	P=0.155	P=0.488N	P=0.178

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

---

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<hr/>				
Eye: Sclera				
Metaplasia Osseous				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	11/49 (22%)	9/50 (18%)	13/50 (26%)	6/50 (12%)
POLY-3 RATE (b)	11/43.05	9/42.82	13/45.10	6/45.93
POLY-3 PERCENT (g)	25.6%	21%	28.8%	13.1%
TERMINAL (d)	7/28 (25%)	1/21 (5%)	5/25 (20%)	4/36 (11%)
FIRST INCIDENCE	640	646	624	611
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.109N	P=0.404N	P=0.458	P=0.108N
POLY 1.5	P=0.128N	P=0.396N	P=0.444	P=0.120N
POLY 6	P=0.085N	P=0.412N	P=0.480	P=0.091N
COCH-ARM / FISHERS	P=0.150N	P=0.382N	P=0.430	P=0.133N
MAX-ISO-POLY-3	P=0.127N	P=0.310N	P=0.366	P=0.071N

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TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Harderian Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/42.66	1/41.57	0/43.89	2/45.16
POLY-3 PERCENT (g)	2.3%	2.4%	0%	4.4%
TERMINAL (d)	1/28 (4%)	1/21 (5%)	0/25 (0%)	2/36 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	---	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.383	P=0.755	P=0.494N	P=0.520
POLY 1.5	P=0.375	P=0.757	P=0.497N	P=0.509
POLY 6	P=0.397	P=0.752	P=0.491N	P=0.536
COCH-ARM / FISHERS	P=0.366	P=0.753N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.309	P=0.492	P=0.158N	P=0.302

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Heart</b>				
<b>Cardiomyopathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	23/50 (46%)	24/50 (48%)	21/50 (42%)	25/50 (50%)
POLY-3 RATE (b)	23/45.90	24/44.59	21/45.45	25/46.42
POLY-3 PERCENT (g)	50.1%	53.8%	46.2%	53.9%
TERMINAL (d)	12/28 (43%)	11/21 (52%)	14/25 (56%)	20/36 (56%)
FIRST INCIDENCE	585	455	453	562
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.449	P=0.442	P=0.434N	P=0.439
POLY 1.5	P=0.429	P=0.469	P=0.424N	P=0.426
POLY 6	P=0.476	P=0.394	P=0.469N	P=0.454
COCH-ARM / FISHERS	P=0.415	P=0.500	P=0.420N	P=0.421
MAX-ISO-POLY-3	P=0.558	P=0.360	P=0.352N	P=0.357

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Heart: Atrium</b>				
<b>Thrombosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	4/50 (8%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/43.33	4/42.63	3/44.44	0/45.16
POLY-3 PERCENT (g)	2.3%	9.4%	6.8%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	505	635	646	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.210N	P=0.173	P=0.314	P=0.492N
POLY 1.5	P=0.221N	P=0.175	P=0.310	P=0.496N
POLY 6	P=0.192N	P=0.172	P=0.322	P=0.484N
COCH-ARM / FISHERS	P=0.231N	P=0.181	P=0.309	P=0.500N
MAX-ISO-POLY-3	P=0.135N	P=0.082	P=0.163	P=0.158N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Kidney</b>				
<b>Nephropathy Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	44/50 (88%)	39/50 (78%)	40/50 (80%)	39/50 (78%)
POLY-3 RATE (b)	44/48.21	39/47.89	40/47.70	39/47.57
POLY-3 PERCENT (g)	91.3%	81.4%	83.9%	82%
TERMINAL (d)	25/28 (89%)	19/21 (91%)	24/25 (96%)	30/36 (83%)
FIRST INCIDENCE	547	455	453	562
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.177N	P=0.115N	P=0.196N	P=0.136N
POLY 1.5	P=0.189N	P=0.119N	P=0.193N	P=0.142N
POLY 6	P=0.154N	P=0.140N	P=0.233N	P=0.136N
COCH-ARM / FISHERS	P=0.181N	P=0.143N	P=0.207N	P=0.143N
MAX-ISO-POLY-3	P=0.143N	P=0.064N	P=0.117N	P=0.080N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Kidney: Cortex</b>				
<b>Infarct</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	0/42.66	2/41.88	2/43.93	2/45.57
POLY-3 PERCENT (g)	0%	4.8%	4.6%	4.4%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	1/25 (4%)	1/36 (3%)
FIRST INCIDENCE	---	674	719	611
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.273	P=0.233	P=0.244	P=0.252
POLY 1.5	P=0.257	P=0.234	P=0.241	P=0.244
POLY 6	P=0.298	P=0.230	P=0.248	P=0.265
COCH-ARM / FISHERS	P=0.242	P=0.247	P=0.247	P=0.247
MAX-ISO-POLY-3	P=0.204	P=0.076	P=0.082	P=0.090

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Kidney: Papilla Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.04	3/42.09	0/43.89	0/45.16
POLY-3 PERCENT (g)	4.7%	7.1%	0%	0%
TERMINAL (d)	1/28 (4%)	1/21 (5%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	621	600	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.067N	P=0.490	P=0.233N	P=0.226N
POLY 1.5	P=0.069N	P=0.494	P=0.235N	P=0.232N
POLY 6	P=0.064N	P=0.484	P=0.230N	P=0.218N
COCH-ARM / FISHERS	P=0.072N	P=0.500	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.080N	P=0.316	P=0.076N	P=0.076N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Kidney: Pelvis, Transitional Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	0/42.66	0/41.57	2/43.91	4/45.26
POLY-3 PERCENT (g)	0%	0%	4.6%	8.8%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	1/25 (4%)	3/36 (8%)
FIRST INCIDENCE	---	---	726	703
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.010**	(e)	P=0.243	P=0.068
POLY 1.5	P=0.009**	(e)	P=0.241	P=0.064
POLY 6	P=0.012*	(e)	P=0.247	P=0.075
COCH-ARM / FISHERS	P=0.009**	(e)	P=0.247	P=0.059
MAX-ISO-POLY-3	P=0.015*	(e)	P=0.082	P=0.025*

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Kidney: Pelvis, Transitional Epithelium Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.66	1/41.98	1/43.91	0/45.16
POLY-3 PERCENT (g)	0%	2.4%	2.3%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	611	726	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.578N	P=0.497	P=0.506	(e)
POLY 1.5	P=0.586N	P=0.498	P=0.503	(e)
POLY 6	P=0.565N	P=0.495	P=0.509	(e)
COCH-ARM / FISHERS	P=0.594N	P=0.500	P=0.500	(e)
MAX-ISO-POLY-3	P=0.408N	P=0.158	P=0.166	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Larynx</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	3/50 (6%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	2/42.69	3/41.66	3/44.10	2/45.26
POLY-3 PERCENT (g)	4.7%	7.2%	6.8%	4.4%
TERMINAL (d)	1/28 (4%)	2/21 (10%)	2/25 (8%)	1/36 (3%)
FIRST INCIDENCE	723	705	674	703
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.508N	P=0.489	P=0.515	P=0.673N
POLY 1.5	P=0.526N	P=0.493	P=0.508	P=0.684N
POLY 6	P=0.479N	P=0.482	P=0.525	P=0.655N
COCH-ARM / FISHERS	P=0.543N	P=0.500	P=0.500	P=0.691N
MAX-ISO-POLY-3	P=0.570N	P=0.315	P=0.339	P=0.476N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

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DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<hr/>				
Larynx Inflammation				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	1/42.69	1/41.57	1/43.89	4/46.82
POLY-3 PERCENT (g)	2.3%	2.4%	2.3%	8.5%
TERMINAL (d)	0/28 (0%)	1/21 (5%)	1/25 (4%)	1/36 (3%)
FIRST INCIDENCE	723	729 (T)	729 (T)	291
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.080	P=0.755	P=0.755N	P=0.208
POLY 1.5	P=0.074	P=0.757	P=0.757N	P=0.195
POLY 6	P=0.090	P=0.752	P=0.751N	P=0.227
COCH-ARM / FISHERS	P=0.067	P=0.753N	P=0.753N	P=0.181
MAX-ISO-POLY-3	P=0.116	P=0.492	P=0.491N	P=0.111

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TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

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DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<hr/>				
Larynx: Epiglottis Metaplasia				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.66	1/41.57	0/43.89	0/45.16
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/28 (0%)	1/21 (5%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.565N	P=0.495	(e)	(e)
POLY 1.5	P=0.565N	P=0.497	(e)	(e)
POLY 6	P=0.564N	P=0.492	(e)	(e)
COCH-ARM / FISHERS	P=0.566N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.383N	P=0.158	(e)	(e)

---

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Larynx: Respiratory Epithelium Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/42.66	0/41.57	0/43.89	1/45.52
POLY-3 PERCENT (g)	0%	0%	0%	2.2%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---	628
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.209	(e)	(e)	P=0.513
POLY 1.5	P=0.204	(e)	(e)	P=0.506
POLY 6	P=0.219	(e)	(e)	P=0.524
COCH-ARM / FISHERS	P=0.198	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.146	(e)	(e)	P=0.174

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Angiectasis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.66	0/41.57	1/43.91	0/45.16
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	726	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.719	(e)	P=0.506	(e)
POLY 1.5	P=0.706	(e)	P=0.503	(e)
POLY 6	P=0.739	(e)	P=0.509	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.402	(e)	P=0.166	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/50 (16%)	3/50 (6%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	8/42.66	3/42.30	4/43.89	5/45.55
POLY-3 PERCENT (g)	18.8%	7.1%	9.1%	11%
TERMINAL (d)	8/28 (29%)	0/21 (0%)	4/25 (16%)	4/36 (11%)
FIRST INCIDENCE	729 (T)	600	729 (T)	618
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.279N	P=0.098N	P=0.161N	P=0.233N
POLY 1.5	P=0.298N	P=0.100N	P=0.169N	P=0.255N
POLY 6	P=0.250N	P=0.096N	P=0.150N	P=0.200N
COCH-ARM / FISHERS	P=0.317N	P=0.100N	P=0.178N	P=0.277N
MAX-ISO-POLY-3	P=0.130N	P=0.053N	P=0.099N	P=0.159N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Clear Cell Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	12/50 (24%)	9/50 (18%)	4/50 (8%)	10/50 (20%)
POLY-3 RATE (b)	12/42.82	9/43.48	4/43.89	10/45.16
POLY-3 PERCENT (g)	28%	20.7%	9.1%	22.2%
TERMINAL (d)	10/28 (36%)	3/21 (14%)	4/25 (16%)	10/36 (28%)
FIRST INCIDENCE	695	478	729 (T)	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.303N	P=0.292N	P=0.020N*	P=0.348N
POLY 1.5	P=0.323N	P=0.302N	P=0.023N*	P=0.378N
POLY 6	P=0.273N	P=0.281N	P=0.017N*	P=0.302N
COCH-ARM / FISHERS	P=0.341N	P=0.312N	P=0.027N*	P=0.405N
MAX-ISO-POLY-3	P=0.121N	P=0.214N	P=0.011N*	P=0.267N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
Liver Hemorrhage				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.66	0/41.57	0/43.89	0/45.16
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Hepatodiaphragmatic Nodule</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	2/50 (4%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	4/43.61	2/41.57	4/44.29	0/45.16
POLY-3 PERCENT (g)	9.2%	4.8%	9%	0%
TERMINAL (d)	1/28 (4%)	2/21 (10%)	2/25 (8%)	0/36 (0%)
FIRST INCIDENCE	562	729 (T)	653	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.065N	P=0.359N	P=0.635N	P=0.056N
POLY 1.5	P=0.071N	P=0.350N	P=0.639N	P=0.058N
POLY 6	P=0.056N	P=0.373N	P=0.630N	P=0.052N
COCH-ARM / FISHERS	P=0.077N	P=0.339N	P=0.643N	P=0.059N
MAX-ISO-POLY-3	P=0.049N*	P=0.223N	P=0.490N	P=0.019N*

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/42.99	2/42.12	1/43.89	0/45.16
POLY-3 PERCENT (g)	2.3%	4.8%	2.3%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	1/25 (4%)	0/36 (0%)
FIRST INCIDENCE	640	635	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.234N	P=0.493	P=0.756N	P=0.490N
POLY 1.5	P=0.241N	P=0.496	P=0.758N	P=0.495N
POLY 6	P=0.224N	P=0.489	P=0.754N	P=0.482N
COCH-ARM / FISHERS	P=0.247N	P=0.500	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.225N	P=0.276	P=0.493N	P=0.158N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/50 (10%)	4/50 (8%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	5/43.37	4/42.71	5/44.23	2/45.37
POLY-3 PERCENT (g)	11.5%	9.4%	11.3%	4.4%
TERMINAL (d)	2/28 (7%)	1/21 (5%)	3/25 (12%)	0/36 (0%)
FIRST INCIDENCE	625	512	652	702
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.165N	P=0.510N	P=0.619N	P=0.198N
POLY 1.5	P=0.178N	P=0.506N	P=0.624N	P=0.208N
POLY 6	P=0.146N	P=0.517N	P=0.612N	P=0.182N
COCH-ARM / FISHERS	P=0.189N	P=0.500N	P=0.630N	P=0.218N
MAX-ISO-POLY-3	P=0.203N	P=0.372N	P=0.486N	P=0.111N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/50 (10%)	3/50 (6%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	5/43.49	3/41.98	4/44.22	5/45.70
POLY-3 PERCENT (g)	11.5%	7.2%	9.1%	10.9%
TERMINAL (d)	3/28 (11%)	0/21 (0%)	2/25 (8%)	4/36 (11%)
FIRST INCIDENCE	562	674	653	562
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.525	P=0.375N	P=0.490N	P=0.599N
POLY 1.5	P=0.504	P=0.368N	P=0.495N	P=0.615N
POLY 6	P=0.558	P=0.386N	P=0.482N	P=0.573N
COCH-ARM / FISHERS	P=0.482	P=0.357N	P=0.500N	P=0.630N
MAX-ISO-POLY-3	P=0.558N	P=0.250N	P=0.353N	P=0.467N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	4/50 (8%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.66	4/41.96	0/43.89	2/45.74
POLY-3 PERCENT (g)	0%	9.5%	0%	4.4%
TERMINAL (d)	0/28 (0%)	2/21 (10%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	635	---	628
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.475	P=0.058	(e)	P=0.253
POLY 1.5	P=0.460	P=0.059	(e)	P=0.245
POLY 6	P=0.499	P=0.056	(e)	P=0.267
COCH-ARM / FISHERS	P=0.447	P=0.059	(e)	P=0.247
MAX-ISO-POLY-3	P=0.199	P=0.019*	(e)	P=0.091

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/50 (16%)	8/50 (16%)	8/50 (16%)	10/50 (20%)
POLY-3 RATE (b)	8/43.24	8/43.03	8/44.86	10/45.65
POLY-3 PERCENT (g)	18.5%	18.6%	17.8%	21.9%
TERMINAL (d)	6/28 (21%)	2/21 (10%)	3/25 (12%)	8/36 (22%)
FIRST INCIDENCE	646	583	569	618
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.380	P=0.605	P=0.577N	P=0.446
POLY 1.5	P=0.354	P=0.604	P=0.591N	P=0.421
POLY 6	P=0.424	P=0.606	P=0.559N	P=0.488
COCH-ARM / FISHERS	P=0.328	P=0.607N	P=0.607N	P=0.398
MAX-ISO-POLY-3	P=0.534	P=0.495	P=0.467N	P=0.348

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung</b>				
<b>Metaplasia Osseous</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.66	1/41.57	0/43.89	2/45.16
POLY-3 PERCENT (g)	0%	2.4%	0%	4.4%
TERMINAL (d)	0/28 (0%)	1/21 (5%)	0/25 (0%)	2/36 (6%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.149	P=0.495	(e)	P=0.250
POLY 1.5	P=0.144	P=0.497	(e)	P=0.243
POLY 6	P=0.157	P=0.492	(e)	P=0.261
COCH-ARM / FISHERS	P=0.140	P=0.500	(e)	P=0.247
MAX-ISO-POLY-3	P=0.093	P=0.158	(e)	P=0.088

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Alveolar Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	7/50 (14%)	6/50 (12%)	5/50 (10%)
POLY-3 RATE (b)	6/42.95	7/42.74	6/44.28	5/45.37
POLY-3 PERCENT (g)	14%	16.4%	13.6%	11%
TERMINAL (d)	5/28 (18%)	3/21 (14%)	4/25 (16%)	3/36 (8%)
FIRST INCIDENCE	651	478	656	702
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.338N	P=0.496	P=0.600N	P=0.462N
POLY 1.5	P=0.362N	P=0.497	P=0.609N	P=0.482N
POLY 6	P=0.300N	P=0.493	P=0.586N	P=0.429N
COCH-ARM / FISHERS	P=0.384N	P=0.500	P=0.620N	P=0.500N
MAX-ISO-POLY-3	P=0.466N	P=0.377	P=0.476N	P=0.341N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Alveolus Infiltration Cellular Histiocyte</b>				
<b>LESION RATES</b>				
OVERALL (a)	15/50 (30%)	12/50 (24%)	19/50 (38%)	20/50 (40%)
POLY-3 RATE (b)	15/43.88	12/43.78	19/45.72	20/46.01
POLY-3 PERCENT (g)	34.2%	27.4%	41.6%	43.5%
TERMINAL (d)	10/28 (36%)	4/21 (19%)	10/25 (40%)	16/36 (44%)
FIRST INCIDENCE	505	583	596	618
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.110	P=0.323N	P=0.306	P=0.243
POLY 1.5	P=0.094	P=0.328N	P=0.284	P=0.218
POLY 6	P=0.142	P=0.312N	P=0.346	P=0.294
COCH-ARM / FISHERS	P=0.085	P=0.326N	P=0.263	P=0.201
MAX-ISO-POLY-3	P=0.171	P=0.245N	P=0.238	P=0.186

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Alveolus Proteinosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/42.66	0/41.57	2/43.89	1/45.26
POLY-3 PERCENT (g)	2.3%	0%	4.6%	2.2%
TERMINAL (d)	1/28 (4%)	0/21 (0%)	2/25 (8%)	0/36 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	703
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.531	P=0.505N	P=0.510	P=0.747N
POLY 1.5	P=0.515	P=0.503N	P=0.505	P=0.754N
POLY 6	P=0.558	P=0.508N	P=0.516	P=0.736N
COCH-ARM / FISHERS	P=0.499	P=0.500N	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.410	P=0.165N	P=0.291	P=0.483N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Artery Thrombosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.66	2/42.12	0/43.89	0/45.16
POLY-3 PERCENT (g)	0%	4.8%	0%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	635	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.394N	P=0.234	(e)	(e)
POLY 1.5	P=0.398N	P=0.235	(e)	(e)
POLY 6	P=0.386N	P=0.233	(e)	(e)
COCH-ARM / FISHERS	P=0.403N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.248N	P=0.076	(e)	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Bronchiole Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.66	0/41.57	0/43.89	2/45.16
POLY-3 PERCENT (g)	0%	0%	0%	4.4%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	2/36 (6%)
FIRST INCIDENCE	---	---	---	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.049*	(e)	(e)	P=0.250
POLY 1.5	P=0.047*	(e)	(e)	P=0.243
POLY 6	P=0.052	(e)	(e)	P=0.261
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.043*	(e)	(e)	P=0.088

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Interstitium Fibrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/42.66	0/41.57	0/43.89	3/45.80
POLY-3 PERCENT (g)	2.3%	0%	0%	6.6%
TERMINAL (d)	1/28 (4%)	0/21 (0%)	0/25 (0%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	---	---	634
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.092	P=0.505N	P=0.494N	P=0.331
POLY 1.5	P=0.088	P=0.503N	P=0.497N	P=0.318
POLY 6	P=0.098	P=0.508N	P=0.491N	P=0.353
COCH-ARM / FISHERS	P=0.086	P=0.500N	P=0.500N	P=0.309
MAX-ISO-POLY-3	P=0.059	P=0.165N	P=0.158N	P=0.180

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lymph Node, Mediastinal Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/30 (0%)	0/24 (0%)	0/35 (0%)	0/29 (0%)
POLY-3 RATE (b)	0/25.32	0/20.22	0/30.33	0/26.80
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/16 (0%)	0/13 (0%)	0/15 (0%)	0/22 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

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DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<hr/>				
Mammary Gland Galactocele				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	2/49 (4%)
POLY-3 RATE (b)	1/42.66	1/41.57	3/43.91	2/44.53
POLY-3 PERCENT (g)	2.3%	2.4%	6.8%	4.5%
TERMINAL (d)	1/28 (4%)	1/21 (5%)	2/25 (8%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	724	703
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.354	P=0.755	P=0.315	P=0.515
POLY 1.5	P=0.335	P=0.757	P=0.311	P=0.503
POLY 6	P=0.387	P=0.752	P=0.322	P=0.534
COCH-ARM / FISHERS	P=0.316	P=0.753N	P=0.309	P=0.492
MAX-ISO-POLY-3	P=0.360	P=0.492	P=0.164	P=0.298

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TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Mesentery</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/10 (90%)	12/13 (92%)	13/16 (81%)	10/10 (100%)
POLY-3 RATE (b)	9/9.68	12/12.68	13/15.53	10/10.00
POLY-3 PERCENT (g)	93%	94.7%	83.7%	100%
TERMINAL (d)	5/5 (100%)	6/6 (100%)	8/8 (100%)	6/6 (100%)
FIRST INCIDENCE	605	674	612	628
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.486	P=0.796	P=0.474N	P=0.670
POLY 1.5	P=0.446	P=0.746	P=0.478N	P=0.579
POLY 6	P=0.568	P=0.899	P=0.475N	P=0.861
COCH-ARM / FISHERS	P=0.407	P=0.692	P=0.496N	P=0.500
MAX-ISO-POLY-3	P=0.295	P=0.427	P=0.260N	P=0.163

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/49 (12%)	3/50 (6%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	6/42.80	3/41.95	4/44.14	2/45.21
POLY-3 PERCENT (g)	14%	7.2%	9.1%	4.4%
TERMINAL (d)	3/28 (11%)	1/21 (5%)	3/25 (12%)	1/36 (3%)
FIRST INCIDENCE	640	646	665	716
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.107N	P=0.250N	P=0.349N	P=0.115N
POLY 1.5	P=0.115N	P=0.243N	P=0.353N	P=0.122N
POLY 6	P=0.094N	P=0.262N	P=0.345N	P=0.105N
COCH-ARM / FISHERS	P=0.123N	P=0.233N	P=0.357N	P=0.128N
MAX-ISO-POLY-3	P=0.089N	P=0.156N	P=0.238N	P=0.062N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/49 (10%)	5/50 (10%)	10/50 (20%)	29/50 (58%)
POLY-3 RATE (b)	5/42.47	5/42.27	10/45.53	29/47.75
POLY-3 PERCENT (g)	11.8%	11.8%	22%	60.7%
TERMINAL (d)	4/28 (14%)	2/21 (10%)	5/25 (20%)	19/36 (53%)
FIRST INCIDENCE	660	640	475	562
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.628	P=0.161	P<0.001**
POLY 1.5	P<0.001**	P=0.628N	P=0.151	P<0.001**
POLY 6	P<0.001**	P=0.622	P=0.175	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.617N	P=0.140	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.496	P=0.107	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Glands, Respiratory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/49 (12%)	45/50 (90%)	42/50 (84%)	45/50 (90%)
POLY-3 RATE (b)	6/43.59	45/48.99	42/47.47	45/49.06
POLY-3 PERCENT (g)	13.8%	91.9%	88.5%	91.7%
TERMINAL (d)	3/28 (11%)	18/21 (86%)	25/25 (100%)	32/36 (89%)
FIRST INCIDENCE	547	455	453	527
<b>STATISTICAL TESTS</b>				
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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Glands, Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	44/49 (90%)	46/50 (92%)	46/50 (92%)	48/50 (96%)
POLY-3 RATE (b)	44/48.55	46/48.71	46/48.61	48/50.00
POLY-3 PERCENT (g)	90.6%	94.4%	94.6%	96%
TERMINAL (d)	25/28 (89%)	21/21 (100%)	25/25 (100%)	34/36 (94%)
FIRST INCIDENCE	505	455	453	291
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.192	P=0.364	P=0.347	P=0.249
POLY 1.5	P=0.176	P=0.413	P=0.405	P=0.229
POLY 6	P=0.227	P=0.307	P=0.276	P=0.285
COCH-ARM / FISHERS	P=0.164	P=0.487	P=0.487	P=0.210
MAX-ISO-POLY-3	P=0.187	P=0.225	P=0.211	P=0.139

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Goblet Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	2/50 (4%)	13/50 (26%)
POLY-3 RATE (b)	0/42.22	0/41.57	2/43.89	13/46.93
POLY-3 PERCENT (g)	0%	0%	4.6%	27.7%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	2/25 (8%)	9/36 (25%)
FIRST INCIDENCE	---	---	729 (T)	291
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P=0.246	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.244	P<0.001**
POLY 6	P<0.001**	(e)	P=0.248	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.253	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.083	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Nasolacrimal Duct Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.22	0/41.57	1/43.91	0/45.16
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	726	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.718	(e)	P=0.508	(e)
POLY 1.5	P=0.706	(e)	P=0.506	(e)
POLY 6	P=0.737	(e)	P=0.510	(e)
COCH-ARM / FISHERS	P=0.696	(e)	P=0.505	(e)
MAX-ISO-POLY-3	P=0.403	(e)	P=0.167	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/49 (16%)	49/50 (98%)	49/50 (98%)	42/50 (84%)
POLY-3 RATE (b)	8/43.16	49/49.94	49/50.00	42/48.55
POLY-3 PERCENT (g)	18.5%	98.1%	98%	86.5%
TERMINAL (d)	4/28 (14%)	21/21 (100%)	24/25 (96%)	31/36 (86%)
FIRST INCIDENCE	625	455	453	527
<b>STATISTICAL TESTS</b>				
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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/49 (4%)	49/50 (98%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	2/42.47	49/49.92	50/50.00	50/50.00
POLY-3 PERCENT (g)	4.7%	98.2%	100%	100%
TERMINAL (d)	1/28 (4%)	21/21 (100%)	25/25 (100%)	36/36 (100%)
FIRST INCIDENCE	660	455	453	291
<b>STATISTICAL TESTS</b>				
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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium</b>				
<b>Hyperplasia Basal Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	22/50 (44%)	50/50 (100%)
POLY-3 RATE (b)	0/42.22	0/41.57	22/45.12	50/50.00
POLY-3 PERCENT (g)	0%	0%	48.8%	100%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	13/25 (52%)	36/36 (100%)
FIRST INCIDENCE	---	---	646	291
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/42.22	2/42.37	0/43.89	1/45.16
POLY-3 PERCENT (g)	0%	4.7%	0%	2.2%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	1/36 (3%)
FIRST INCIDENCE	---	473	---	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.560	P=0.238	(e)	P=0.513
POLY 1.5	P=0.552	P=0.239	(e)	P=0.508
POLY 6	P=0.573	P=0.234	(e)	P=0.522
COCH-ARM / FISHERS	P=0.545	P=0.253	(e)	P=0.505
MAX-ISO-POLY-3	P=0.343	P=0.077	(e)	P=0.174

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.22	1/41.64	0/43.89	2/46.71
POLY-3 PERCENT (g)	0%	2.4%	0%	4.3%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	710	---	291
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.155	P=0.497	(e)	P=0.260
POLY 1.5	P=0.149	P=0.500	(e)	P=0.252
POLY 6	P=0.164	P=0.493	(e)	P=0.272
COCH-ARM / FISHERS	P=0.142	P=0.505	(e)	P=0.253
MAX-ISO-POLY-3	P=0.105	P=0.160	(e)	P=0.097

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium</b>				
<b>Respiratory Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/49 (4%)	2/50 (4%)	2/50 (4%)	37/50 (74%)
POLY-3 RATE (b)	2/42.47	2/41.57	2/43.89	37/47.59
POLY-3 PERCENT (g)	4.7%	4.8%	4.6%	77.8%
TERMINAL (d)	1/28 (4%)	2/21 (10%)	2/25 (8%)	29/36 (81%)
FIRST INCIDENCE	660	729 (T)	729 (T)	291
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.687	P=0.682N	P<0.001**
POLY 1.5	P<0.001**	P=0.693	P=0.684N	P<0.001**
POLY 6	P<0.001**	P=0.677	P=0.680N	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.684N	P=0.684N	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.490	P=0.486N	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium</b>				
<b>Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	2/50 (4%)	8/50 (16%)	1/50 (2%)
POLY-3 RATE (b)	0/42.22	2/42.01	8/45.66	1/46.09
POLY-3 PERCENT (g)	0%	4.8%	17.5%	2.2%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	635	612	291
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.431	P=0.236	P=0.005**	P=0.518
POLY 1.5	P=0.399	P=0.238	P=0.005**	P=0.511
POLY 6	P=0.481	P=0.233	P=0.006**	P=0.526
COCH-ARM / FISHERS	P=0.364	P=0.253	P=0.003**	P=0.505
MAX-ISO-POLY-3	P=0.045*	P=0.077	P=0.002**	P=0.179

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	29/50 (58%)	42/50 (84%)	11/50 (22%)
POLY-3 RATE (b)	0/42.22	29/46.03	42/49.24	11/45.96
POLY-3 PERCENT (g)	0%	63%	85.3%	23.9%
TERMINAL (d)	0/28 (0%)	15/21 (71%)	21/25 (84%)	9/36 (25%)
FIRST INCIDENCE	---	478	453	611
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.160	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.102	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.301	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.127	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/49 (10%)	34/50 (68%)	35/50 (70%)	47/50 (94%)
POLY-3 RATE (b)	5/42.24	34/45.21	35/46.65	47/49.25
POLY-3 PERCENT (g)	11.8%	75.2%	75%	95.4%
TERMINAL (d)	4/28 (14%)	20/21 (95%)	21/25 (84%)	35/36 (97%)
FIRST INCIDENCE	723	473	453	291
<b>STATISTICAL TESTS</b>				
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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	2/50 (4%)	6/50 (12%)	26/50 (52%)
POLY-3 RATE (b)	0/42.22	2/41.79	6/44.92	26/47.56
POLY-3 PERCENT (g)	0%	4.8%	13.4%	54.7%
TERMINAL (d)	0/28 (0%)	1/21 (5%)	3/25 (12%)	17/36 (47%)
FIRST INCIDENCE	---	670	475	527
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.235	P=0.018*	P<0.001**
POLY 1.5	P<0.001**	P=0.237	P=0.018*	P<0.001**
POLY 6	P<0.001**	P=0.231	P=0.020*	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.253	P=0.014*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.077	P=0.007**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/42.22	0/41.57	1/44.01	4/46.32
POLY-3 PERCENT (g)	0%	0%	2.3%	8.6%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	2/36 (6%)
FIRST INCIDENCE	---	---	699	291
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.007**	(e)	P=0.508	P=0.073
POLY 1.5	P=0.006**	(e)	P=0.506	P=0.068
POLY 6	P=0.008**	(e)	P=0.511	P=0.080
COCH-ARM / FISHERS	P=0.006**	(e)	P=0.505	P=0.061
MAX-ISO-POLY-3	P=0.010**	(e)	P=0.168	P=0.029*

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	2/50 (4%)	22/50 (44%)
POLY-3 RATE (b)	0/42.22	0/41.57	2/44.90	22/48.09
POLY-3 PERCENT (g)	0%	0%	4.5%	45.8%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	12/36 (33%)
FIRST INCIDENCE	---	---	475	527
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P=0.251	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.247	P<0.001**
POLY 6	P<0.001**	(e)	P=0.256	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.253	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.088	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	5/50 (10%)	8/50 (16%)	3/50 (6%)
POLY-3 RATE (b)	0/42.22	5/43.13	8/45.66	3/46.47
POLY-3 PERCENT (g)	0%	11.6%	17.5%	6.5%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	512	612	291
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.311	P=0.032*	P=0.005**	P=0.137
POLY 1.5	P=0.280	P=0.032*	P=0.005**	P=0.130
POLY 6	P=0.360	P=0.032*	P=0.006**	P=0.147
COCH-ARM / FISHERS	P=0.249	P=0.030*	P=0.003**	P=0.125
MAX-ISO-POLY-3	P=0.043*	P=0.010**	P=0.002**	P=0.052

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Turbinate Hyperostosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/42.22	0/41.57	0/43.89	3/45.78
POLY-3 PERCENT (g)	0%	0%	0%	6.6%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	2/36 (6%)
FIRST INCIDENCE	---	---	---	527
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.012*	(e)	(e)	P=0.134
POLY 1.5	P=0.012*	(e)	(e)	P=0.128
POLY 6	P=0.013*	(e)	(e)	P=0.143
COCH-ARM / FISHERS	P=0.012*	(e)	(e)	P=0.125
MAX-ISO-POLY-3	P=0.015*	(e)	(e)	P=0.050*

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Turbinate Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/50 (2%)	19/50 (38%)
POLY-3 RATE (b)	0/42.22	0/41.57	1/43.89	19/47.03
POLY-3 PERCENT (g)	0%	0%	2.3%	40.4%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	1/25 (4%)	12/36 (33%)
FIRST INCIDENCE	---	---	729 (T)	527
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P=0.508	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.506	P<0.001**
POLY 6	P<0.001**	(e)	P=0.510	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.505	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.167	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Pancreas: Acinus Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	24/49 (49%)	22/50 (44%)	29/50 (58%)	31/50 (62%)
POLY-3 RATE (b)	24/44.88	22/45.02	29/45.67	31/46.47
POLY-3 PERCENT (g)	53.5%	48.9%	63.5%	66.7%
TERMINAL (d)	15/28 (54%)	10/21 (48%)	17/25 (68%)	26/36 (72%)
FIRST INCIDENCE	585	473	612	562
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.053	P=0.409N	P=0.218	P=0.133
POLY 1.5	P=0.051	P=0.397N	P=0.227	P=0.129
POLY 6	P=0.060	P=0.432N	P=0.206	P=0.143
COCH-ARM / FISHERS	P=0.055	P=0.384N	P=0.243	P=0.135
MAX-ISO-POLY-3	P=0.082	P=0.328N	P=0.160	P=0.094

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Pituitary Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/48 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/42.93	0/39.64	0/43.89	1/45.16
POLY-3 PERCENT (g)	4.7%	0%	0%	2.2%
TERMINAL (d)	1/28 (4%)	0/20 (0%)	0/25 (0%)	1/36 (3%)
FIRST INCIDENCE	656	---	---	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.450N	P=0.255N	P=0.232N	P=0.482N
POLY 1.5	P=0.454N	P=0.251N	P=0.235N	P=0.492N
POLY 6	P=0.445N	P=0.261N	P=0.229N	P=0.468N
COCH-ARM / FISHERS	P=0.458N	P=0.258N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.136N	P=0.091N	P=0.076N	P=0.271N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Pituitary Gland Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/48 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/43.15	1/40.40	1/44.17	0/45.16
POLY-3 PERCENT (g)	2.3%	2.5%	2.3%	0%
TERMINAL (d)	0/28 (0%)	0/20 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	585	455	656	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.298N	P=0.746	P=0.756N	P=0.491N
POLY 1.5	P=0.304N	P=0.749	P=0.758N	P=0.496N
POLY 6	P=0.288N	P=0.742	P=0.752N	P=0.483N
COCH-ARM / FISHERS	P=0.309N	P=0.742	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.324N	P=0.481	P=0.493N	P=0.158N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Pituitary Gland: Pars Distalis Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	7/50 (14%)	9/48 (19%)	9/50 (18%)	7/50 (14%)
POLY-3 RATE (b)	7/43.87	9/41.25	9/45.52	7/46.34
POLY-3 PERCENT (g)	16%	21.8%	19.8%	15.1%
TERMINAL (d)	5/28 (18%)	3/20 (15%)	4/25 (16%)	3/36 (8%)
FIRST INCIDENCE	505	478	475	611
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.423N	P=0.339	P=0.423	P=0.571N
POLY 1.5	P=0.457N	P=0.346	P=0.409	P=0.594N
POLY 6	P=0.366N	P=0.332	P=0.445	P=0.529N
COCH-ARM / FISHERS	P=0.487N	P=0.359	P=0.393	P=0.613N
MAX-ISO-POLY-3	P=0.500N	P=0.249	P=0.322	P=0.456N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Pleura Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	4/50 (8%)	3/50 (6%)	9/50 (18%)
POLY-3 RATE (b)	3/42.69	4/42.34	3/44.43	9/45.55
POLY-3 PERCENT (g)	7%	9.5%	6.8%	19.8%
TERMINAL (d)	2/28 (7%)	2/21 (10%)	1/25 (4%)	8/36 (22%)
FIRST INCIDENCE	723	583	569	618
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.033*	P=0.496	P=0.644N	P=0.074
POLY 1.5	P=0.030*	P=0.497	P=0.652N	P=0.066
POLY 6	P=0.040*	P=0.494	P=0.633N	P=0.088
COCH-ARM / FISHERS	P=0.028*	P=0.500	P=0.661N	P=0.061
MAX-ISO-POLY-3	P=0.046*	P=0.343	P=0.479N	P=0.044*

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Preputial Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/43.67	0/41.57	0/43.89	2/45.26
POLY-3 PERCENT (g)	4.6%	0%	0%	4.4%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	1/36 (3%)
FIRST INCIDENCE	547	---	---	703
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.515	P=0.248N	P=0.236N	P=0.681N
POLY 1.5	P=0.507	P=0.244N	P=0.237N	P=0.688N
POLY 6	P=0.528	P=0.255N	P=0.235N	P=0.668N
COCH-ARM / FISHERS	P=0.499	P=0.247N	P=0.247N	P=0.691N
MAX-ISO-POLY-3	P=0.274N	P=0.086N	P=0.076N	P=0.485N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Preputial Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	3/50 (6%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/42.66	3/41.69	1/43.89	1/45.43
POLY-3 PERCENT (g)	0%	7.2%	2.3%	2.2%
TERMINAL (d)	0/28 (0%)	2/21 (10%)	1/25 (4%)	0/36 (0%)
FIRST INCIDENCE	---	698	729 (T)	656
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.622	P=0.114	P=0.506	P=0.513
POLY 1.5	P=0.607	P=0.116	P=0.503	P=0.506
POLY 6	P=0.608N	P=0.111	P=0.509	P=0.523
COCH-ARM / FISHERS	P=0.592	P=0.121	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.238	P=0.038*	P=0.165	P=0.174

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Prostate Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	2/42.66	0/41.57	1/43.89	4/46.09
POLY-3 PERCENT (g)	4.7%	0%	2.3%	8.7%
TERMINAL (d)	2/28 (7%)	0/21 (0%)	1/25 (4%)	3/36 (8%)
FIRST INCIDENCE	729 (T)	---	729 (T)	291
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.122	P=0.243N	P=0.490N	P=0.373
POLY 1.5	P=0.115	P=0.241N	P=0.495N	P=0.357
POLY 6	P=0.133	P=0.246N	P=0.484N	P=0.397
COCH-ARM / FISHERS	P=0.108	P=0.247N	P=0.500N	P=0.339
MAX-ISO-POLY-3	P=0.108	P=0.081N	P=0.274N	P=0.237

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Prostate Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	29/50 (58%)	28/50 (56%)	29/50 (58%)	26/50 (52%)
POLY-3 RATE (b)	29/45.71	28/45.55	29/46.80	26/46.57
POLY-3 PERCENT (g)	63.5%	61.5%	62%	55.8%
TERMINAL (d)	19/28 (68%)	13/21 (62%)	14/25 (56%)	21/36 (58%)
FIRST INCIDENCE	557	455	453	562
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.251N	P=0.509N	P=0.528N	P=0.292N
POLY 1.5	P=0.286N	P=0.505N	P=0.551N	P=0.322N
POLY 6	P=0.201N	P=0.519N	P=0.497N	P=0.250N
COCH-ARM / FISHERS	P=0.315N	P=0.500N	P=0.580N	P=0.344N
MAX-ISO-POLY-3	P=0.361N	P=0.418N	P=0.439N	P=0.225N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Seminal Vesicle Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/42.66	0/41.57	1/43.89	2/45.26
POLY-3 PERCENT (g)	0%	0%	2.3%	4.4%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	1/25 (4%)	1/36 (3%)
FIRST INCIDENCE	---	---	729 (T)	703
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.078	(e)	P=0.506	P=0.250
POLY 1.5	P=0.074	(e)	P=0.503	P=0.244
POLY 6	P=0.086	(e)	P=0.509	P=0.262
COCH-ARM / FISHERS	P=0.070	(e)	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.094	(e)	P=0.165	P=0.089

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Skin</b>				
Cyst Epithelial Inclusion				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	5/50 (10%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	0/42.66	5/42.08	3/44.27	1/45.16
POLY-3 PERCENT (g)	0%	11.9%	6.8%	2.2%
TERMINAL (d)	0/28 (0%)	3/21 (14%)	1/25 (4%)	1/36 (3%)
FIRST INCIDENCE	---	646	674	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.484N	P=0.029*	P=0.125	P=0.511
POLY 1.5	P=0.503N	P=0.030*	P=0.122	P=0.505
POLY 6	P=0.453N	P=0.028*	P=0.130	P=0.521
COCH-ARM / FISHERS	P=0.521N	P=0.028*	P=0.121	P=0.500
MAX-ISO-POLY-3	P=0.121	P=0.009**	P=0.043*	P=0.173

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Skin</b>				
<b>Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/42.66	2/42.09	1/44.10	1/45.43
POLY-3 PERCENT (g)	0%	4.8%	2.3%	2.2%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	600	674	656
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.530	P=0.234	P=0.507	P=0.513
POLY 1.5	P=0.515	P=0.235	P=0.503	P=0.506
POLY 6	P=0.555	P=0.232	P=0.511	P=0.523
COCH-ARM / FISHERS	P=0.501	P=0.247	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.287	P=0.076	P=0.167	P=0.174

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/42.74	1/41.91	3/45.03	1/45.52
POLY-3 PERCENT (g)	2.3%	2.4%	6.7%	2.2%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	710	635	569	628
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.595	P=0.757	P=0.324	P=0.747N
POLY 1.5	P=0.575	P=0.758	P=0.315	P=0.754N
POLY 6	P=0.605N	P=0.754	P=0.336	P=0.735N
COCH-ARM / FISHERS	P=0.555	P=0.753N	P=0.309	P=0.753N
MAX-ISO-POLY-3	P=0.482	P=0.494	P=0.173	P=0.482N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Spleen Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/43.24	2/42.01	2/44.36	0/45.16
POLY-3 PERCENT (g)	4.6%	4.8%	4.5%	0%
TERMINAL (d)	1/28 (4%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	547	663	653	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.150N	P=0.684	P=0.685N	P=0.227N
POLY 1.5	P=0.158N	P=0.687	P=0.689N	P=0.233N
POLY 6	P=0.140N	P=0.680	P=0.678N	P=0.219N
COCH-ARM / FISHERS	P=0.163N	P=0.691N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.187N	P=0.488	P=0.489N	P=0.076N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Spleen Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	3/50 (6%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	1/43.23	3/41.85	2/44.83	3/45.67
POLY-3 PERCENT (g)	2.3%	7.2%	4.5%	6.6%
TERMINAL (d)	0/28 (0%)	1/21 (5%)	0/25 (0%)	1/36 (3%)
FIRST INCIDENCE	549	688	475	634
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.333	P=0.293	P=0.513	P=0.325
POLY 1.5	P=0.317	P=0.298	P=0.507	P=0.314
POLY 6	P=0.359	P=0.287	P=0.520	P=0.343
COCH-ARM / FISHERS	P=0.303	P=0.309	P=0.500	P=0.309
MAX-ISO-POLY-3	P=0.303	P=0.149	P=0.294	P=0.174

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Stomach, Forestomach Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.54	0/41.57	0/43.89	0/45.16
POLY-3 PERCENT (g)	4.6%	0%	0%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	547	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.111N	P=0.247N	P=0.235N	P=0.229N
POLY 1.5	P=0.112N	P=0.243N	P=0.236N	P=0.234N
POLY 6	P=0.108N	P=0.254N	P=0.234N	P=0.221N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.032N*	P=0.086N	P=0.076N	P=0.076N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Stomach, Forestomach Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.66	0/41.57	1/44.27	0/45.16
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	624	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.718	(e)	P=0.507	(e)
POLY 1.5	P=0.705	(e)	P=0.504	(e)
POLY 6	P=0.738	(e)	P=0.512	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.403	(e)	P=0.168	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	4/50 (8%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/43.03	4/42.46	2/44.18	2/45.62
POLY-3 PERCENT (g)	2.3%	9.4%	4.5%	4.4%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	1/25 (4%)	0/36 (0%)
FIRST INCIDENCE	625	646	652	628
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.583N	P=0.174	P=0.509	P=0.520
POLY 1.5	P=0.587	P=0.176	P=0.505	P=0.510
POLY 6	P=0.558N	P=0.172	P=0.515	P=0.537
COCH-ARM / FISHERS	P=0.570	P=0.181	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.355	P=0.082	P=0.291	P=0.303

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Stomach, Glandular Erosion</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/42.66	0/41.57	3/44.74	0/45.16
POLY-3 PERCENT (g)	0%	0%	6.7%	0%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	0/25 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	624	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.580	(e)	P=0.127	(e)
POLY 1.5	P=0.558	(e)	P=0.123	(e)
POLY 6	P=0.614	(e)	P=0.133	(e)
COCH-ARM / FISHERS	P=0.538	(e)	P=0.121	(e)
MAX-ISO-POLY-3	P=0.187	(e)	P=0.045*	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Testes</b>				
<b>Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.66	2/41.57	1/43.89	0/45.16
POLY-3 PERCENT (g)	0%	4.8%	2.3%	0%
TERMINAL (d)	0/28 (0%)	2/21 (10%)	1/25 (4%)	0/36 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.441N	P=0.231	P=0.506	(e)
POLY 1.5	P=0.451N	P=0.234	P=0.503	(e)
POLY 6	P=0.426N	P=0.227	P=0.509	(e)
COCH-ARM / FISHERS	P=0.459N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.327N	P=0.075	P=0.165	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Testes: Germinal Epithelium Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	11/50 (22%)	7/50 (14%)	15/50 (30%)
POLY-3 RATE (b)	9/42.69	11/42.74	7/44.02	15/45.56
POLY-3 PERCENT (g)	21.1%	25.7%	15.9%	32.9%
TERMINAL (d)	8/28 (29%)	5/21 (24%)	5/25 (20%)	13/36 (36%)
FIRST INCIDENCE	723	635	712	646
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.137	P=0.400	P=0.365N	P=0.154
POLY 1.5	P=0.121	P=0.398	P=0.378N	P=0.135
POLY 6	P=0.167	P=0.407	P=0.346N	P=0.191
COCH-ARM / FISHERS	P=0.109	P=0.402	P=0.393N	P=0.121
MAX-ISO-POLY-3	P=0.152	P=0.305	P=0.270N	P=0.110

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Testes: Interstitial Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/43.33	0/41.57	1/43.89	2/45.52
POLY-3 PERCENT (g)	4.6%	0%	2.3%	4.4%
TERMINAL (d)	0/28 (0%)	0/21 (0%)	1/25 (4%)	1/36 (3%)
FIRST INCIDENCE	621	---	729 (T)	628
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.493	P=0.246N	P=0.495N	P=0.676N
POLY 1.5	P=0.481	P=0.242N	P=0.498N	P=0.685N
POLY 6	P=0.513	P=0.253N	P=0.494N	P=0.661N
COCH-ARM / FISHERS	P=0.468	P=0.247N	P=0.500N	P=0.691N
MAX-ISO-POLY-3	P=0.418N	P=0.085N	P=0.278N	P=0.479N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Thyroid Gland: C-Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	17/50 (34%)	13/50 (26%)	7/50 (14%)	11/50 (22%)
POLY-3 RATE (b)	17/45.91	13/44.05	7/44.91	11/45.80
POLY-3 PERCENT (g)	37%	29.5%	15.6%	24%
TERMINAL (d)	9/28 (32%)	4/21 (19%)	3/25 (12%)	9/36 (25%)
FIRST INCIDENCE	505	512	569	562
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.079N	P=0.296N	P=0.016N*	P=0.128N
POLY 1.5	P=0.084N	P=0.280N	P=0.016N*	P=0.133N
POLY 6	P=0.071N	P=0.317N	P=0.016N*	P=0.119N
COCH-ARM / FISHERS	P=0.090N	P=0.257N	P=0.017N*	P=0.133N
MAX-ISO-POLY-3	P=0.044N*	P=0.228N	P=0.009N**	P=0.086N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Males			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Urinary Bladder: Transitional Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/42.66	0/41.57	0/43.08	2/45.26
POLY-3 PERCENT (g)	2.3%	0%	0%	4.4%
TERMINAL (d)	1/28 (4%)	0/21 (0%)	0/25 (0%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	---	---	703
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.257	P=0.505N	P=0.498N	P=0.521
POLY 1.5	P=0.251	P=0.503N	P=0.501N	P=0.510
POLY 6	P=0.268	P=0.508N	P=0.494N	P=0.538
COCH-ARM / FISHERS	P=0.245	P=0.500N	P=0.505N	P=0.500
MAX-ISO-POLY-3	P=0.160	P=0.165N	P=0.160N	P=0.303

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Adrenal Cortex Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	12/50 (24%)	6/50 (12%)	15/50 (30%)	18/50 (36%)
POLY-3 RATE (b)	12/44.06	6/45.58	15/44.26	18/45.03
POLY-3 PERCENT (g)	27.2%	13.2%	33.9%	40%
TERMINAL (d)	7/31 (23%)	5/31 (16%)	13/30 (43%)	14/34 (41%)
FIRST INCIDENCE	625	578	481	618
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.021*	P=0.078N	P=0.326	P=0.144
POLY 1.5	P=0.022*	P=0.083N	P=0.329	P=0.142
POLY 6	P=0.021*	P=0.078N	P=0.313	P=0.146
COCH-ARM / FISHERS	P=0.025*	P=0.096N	P=0.326	P=0.138
MAX-ISO-POLY-3	P=0.026*	P=0.049N*	P=0.248	P=0.101

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Adrenal Cortex</b>				
<b>Hyperplasia Focal</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/43.14	1/45.08	3/43.50	0/44.02
POLY-3 PERCENT (g)	2.3%	2.2%	6.9%	0%
TERMINAL (d)	1/31 (3%)	1/31 (3%)	3/30 (10%)	0/34 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.406N	P=0.751N	P=0.308	P=0.496N
POLY 1.5	P=0.407N	P=0.754N	P=0.307	P=0.497N
POLY 6	P=0.403N	P=0.750N	P=0.308	P=0.494N
COCH-ARM / FISHERS	P=0.409N	P=0.753N	P=0.309	P=0.500N
MAX-ISO-POLY-3	P=0.236N	P=0.487N	P=0.157	P=0.158N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Adrenal Cortex</b>				
<b>Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	14/50 (28%)	13/50 (26%)	13/50 (26%)	11/50 (22%)
POLY-3 RATE (b)	14/44.11	13/45.78	13/44.75	11/45.51
POLY-3 PERCENT (g)	31.7%	28.4%	29.1%	24.2%
TERMINAL (d)	10/31 (32%)	10/31 (32%)	8/30 (27%)	5/34 (15%)
FIRST INCIDENCE	599	631	618	586
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.258N	P=0.454N	P=0.482N	P=0.286N
POLY 1.5	P=0.269N	P=0.467N	P=0.490N	P=0.300N
POLY 6	P=0.240N	P=0.451N	P=0.474N	P=0.269N
COCH-ARM / FISHERS	P=0.282N	P=0.500N	P=0.500N	P=0.322N
MAX-ISO-POLY-3	P=0.351N	P=0.366N	P=0.390N	P=0.216N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Adrenal Medulla Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	6/43.25	1/45.50	2/43.50	0/44.02
POLY-3 PERCENT (g)	13.9%	2.2%	4.6%	0%
TERMINAL (d)	4/31 (13%)	0/31 (0%)	2/30 (7%)	0/34 (0%)
FIRST INCIDENCE	716	607	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.012N*	P=0.048N*	P=0.130N	P=0.014N*
POLY 1.5	P=0.012N*	P=0.051N	P=0.131N	P=0.015N*
POLY 6	P=0.012N*	P=0.046N*	P=0.129N	P=0.014N*
COCH-ARM / FISHERS	P=0.012N*	P=0.056N	P=0.134N	P=0.013N*
MAX-ISO-POLY-3	P=0.002N**	P=0.022N*	P=0.067N	P=0.004N**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Bone Marrow</b>				
<b>Hyperplasia Reticulum Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/43.14	1/45.38	1/43.53	3/45.02
POLY-3 PERCENT (g)	4.6%	2.2%	2.3%	6.7%
TERMINAL (d)	2/31 (7%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	730 (T)	646	724	586
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.329	P=0.482N	P=0.497N	P=0.519
POLY 1.5	P=0.327	P=0.488N	P=0.498N	P=0.511
POLY 6	P=0.335	P=0.478N	P=0.496N	P=0.531
COCH-ARM / FISHERS	P=0.324	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.319	P=0.270N	P=0.279N	P=0.344

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Brain Compression</b>				
<b>LESION RATES</b>				
OVERALL (a)	12/50 (24%)	11/50 (22%)	14/50 (28%)	9/50 (18%)
POLY-3 RATE (b)	12/45.34	11/46.97	14/46.21	9/45.83
POLY-3 PERCENT (g)	26.5%	23.4%	30.3%	19.6%
TERMINAL (d)	4/31 (13%)	4/31 (13%)	6/30 (20%)	3/34 (9%)
FIRST INCIDENCE	544	574	544	429
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.302N	P=0.461N	P=0.431	P=0.300N
POLY 1.5	P=0.302N	P=0.472N	P=0.422	P=0.302N
POLY 6	P=0.305N	P=0.462N	P=0.438	P=0.303N
COCH-ARM / FISHERS	P=0.305N	P=0.500N	P=0.410	P=0.312N
MAX-ISO-POLY-3	P=0.356N	P=0.369N	P=0.343	P=0.221N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Brain</b>				
<b>Gliososis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	0/45.08	0/43.50	0/44.02
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Brain Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	1/50 (2%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	4/45.12	1/45.39	2/43.82	5/44.99
POLY-3 PERCENT (g)	8.9%	2.2%	4.6%	11.1%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	1/30 (3%)	2/34 (6%)
FIRST INCIDENCE	361	645	641	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.267	P=0.177N	P=0.350N	P=0.498
POLY 1.5	P=0.268	P=0.177N	P=0.346N	P=0.498
POLY 6	P=0.269	P=0.178N	P=0.356N	P=0.501
COCH-ARM / FISHERS	P=0.272	P=0.181N	P=0.339N	P=0.500
MAX-ISO-POLY-3	P=0.210	P=0.083N	P=0.214N	P=0.361

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Clitoral Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	1/43.14	1/45.32	2/43.66	4/44.02
POLY-3 PERCENT (g)	2.3%	2.2%	4.6%	9.1%
TERMINAL (d)	1/31 (3%)	0/31 (0%)	1/30 (3%)	4/34 (12%)
FIRST INCIDENCE	730 (T)	666	688	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.071	P=0.750N	P=0.504	P=0.184
POLY 1.5	P=0.071	P=0.753N	P=0.502	P=0.183
POLY 6	P=0.071	P=0.748N	P=0.506	P=0.186
COCH-ARM / FISHERS	P=0.071	P=0.753N	P=0.500	P=0.181
MAX-ISO-POLY-3	P=0.103	P=0.486N	P=0.285	P=0.089

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Clitoral Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	5/50 (10%)	4/50 (8%)	6/50 (12%)
POLY-3 RATE (b)	2/43.29	5/45.92	4/43.90	6/44.03
POLY-3 PERCENT (g)	4.6%	10.9%	9.1%	13.6%
TERMINAL (d)	0/31 (0%)	3/31 (10%)	3/30 (10%)	5/34 (15%)
FIRST INCIDENCE	704	574	618	729
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.143	P=0.240	P=0.343	P=0.137
POLY 1.5	P=0.143	P=0.232	P=0.341	P=0.136
POLY 6	P=0.142	P=0.246	P=0.344	P=0.138
COCH-ARM / FISHERS	P=0.142	P=0.218	P=0.339	P=0.134
MAX-ISO-POLY-3	P=0.126	P=0.143	P=0.207	P=0.073

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Eye: Anterior Chamber Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/43.14	0/45.08	0/43.50	1/44.23
POLY-3 PERCENT (g)	0%	0%	0%	2.3%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	---	---	675
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.200	(e)	(e)	P=0.505
POLY 1.5	P=0.199	(e)	(e)	P=0.503
POLY 6	P=0.201	(e)	(e)	P=0.507
COCH-ARM / FISHERS	P=0.198	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.132	(e)	(e)	P=0.165

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Eye: Cornea Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/43.14	2/45.59	2/43.50	1/44.02
POLY-3 PERCENT (g)	0%	4.4%	4.6%	2.3%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	2/30 (7%)	1/34 (3%)
FIRST INCIDENCE	---	631	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.479	P=0.250	P=0.239	P=0.504
POLY 1.5	P=0.476	P=0.245	P=0.238	P=0.503
POLY 6	P=0.482	P=0.253	P=0.239	P=0.506
COCH-ARM / FISHERS	P=0.470	P=0.247	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.242	P=0.088	P=0.078	P=0.164

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

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DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<hr/>				
Eye: Cornea				
Inflammation Chronic				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	0/45.08	0/43.50	0/44.02
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Eye: Cornea</b>				
<b>Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	0/45.08	1/44.22	0/44.02
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	---	481	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.696	(e)	P=0.505	(e)
POLY 1.5	P=0.695	(e)	P=0.503	(e)
POLY 6	P=0.698	(e)	P=0.506	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.395	(e)	P=0.165	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Eye: Lens</b>				
<b>Cataract</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	6/50 (12%)	4/50 (8%)
POLY-3 RATE (b)	3/44.00	2/45.13	6/43.55	4/44.02
POLY-3 PERCENT (g)	6.8%	4.4%	13.8%	9.1%
TERMINAL (d)	0/31 (0%)	1/31 (3%)	5/30 (17%)	4/34 (12%)
FIRST INCIDENCE	590	717	719	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.301	P=0.488N	P=0.236	P=0.500
POLY 1.5	P=0.304	P=0.491N	P=0.239	P=0.501
POLY 6	P=0.297	P=0.492N	P=0.229	P=0.497
COCH-ARM / FISHERS	P=0.308	P=0.500N	P=0.243	P=0.500
MAX-ISO-POLY-3	P=0.265	P=0.316N	P=0.143	P=0.347

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Eye: Retina</b>				
<b>Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	2/50 (4%)	8/50 (16%)	6/50 (12%)
POLY-3 RATE (b)	4/44.00	2/45.13	8/43.87	6/44.02
POLY-3 PERCENT (g)	9.1%	4.4%	18.2%	13.6%
TERMINAL (d)	1/31 (3%)	1/31 (3%)	6/30 (20%)	6/34 (18%)
FIRST INCIDENCE	590	717	641	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.160	P=0.325N	P=0.174	P=0.369
POLY 1.5	P=0.163	P=0.328N	P=0.176	P=0.371
POLY 6	P=0.157	P=0.328N	P=0.169	P=0.364
COCH-ARM / FISHERS	P=0.169	P=0.339N	P=0.178	P=0.370
MAX-ISO-POLY-3	P=0.135	P=0.194N	P=0.105	P=0.252

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Eye: Sclera</b>				
<b>Metaplasia Osseous</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	4/43.59	2/45.08	2/43.83	2/44.23
POLY-3 PERCENT (g)	9.2%	4.4%	4.6%	4.5%
TERMINAL (d)	2/31 (7%)	2/31 (7%)	1/30 (3%)	1/34 (3%)
FIRST INCIDENCE	665	730 (T)	639	675
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.294N	P=0.321N	P=0.334N	P=0.330N
POLY 1.5	P=0.294N	P=0.326N	P=0.336N	P=0.332N
POLY 6	P=0.292N	P=0.323N	P=0.335N	P=0.328N
COCH-ARM / FISHERS	P=0.292N	P=0.339N	P=0.339N	P=0.339N
MAX-ISO-POLY-3	P=0.283N	P=0.192N	P=0.199N	P=0.197N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Harderian Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	0/45.08	1/43.50	0/44.02
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	1/30 (3%)	0/34 (0%)
FIRST INCIDENCE	---	---	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.697	(e)	P=0.502	(e)
POLY 1.5	P=0.696	(e)	P=0.501	(e)
POLY 6	P=0.700	(e)	P=0.502	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.392	(e)	P=0.161	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Heart</b>				
<b>Cardiomyopathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	16/50 (32%)	17/50 (34%)	23/50 (46%)	16/50 (32%)
POLY-3 RATE (b)	16/44.09	17/46.90	23/44.94	16/45.93
POLY-3 PERCENT (g)	36.3%	36.3%	51.2%	34.8%
TERMINAL (d)	10/31 (32%)	11/31 (36%)	17/30 (57%)	11/34 (32%)
FIRST INCIDENCE	638	574	553	571
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.541	P=0.585N	P=0.109	P=0.530N
POLY 1.5	P=0.523	P=0.558	P=0.109	P=0.552N
POLY 6	P=0.520N	P=0.568N	P=0.107	P=0.507N
COCH-ARM / FISHERS	P=0.500	P=0.500	P=0.109	P=0.585N
MAX-ISO-POLY-3	P=0.421	P=0.498N	P=0.075	P=0.442N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

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DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<hr/>				
Heart: Atrium Thrombosis				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	0/45.08	0/43.50	0/44.02
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Kidney</b>				
<b>Nephropathy Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	26/50 (52%)	31/50 (62%)	30/50 (60%)	24/50 (48%)
POLY-3 RATE (b)	26/46.78	31/47.21	30/47.41	24/47.88
POLY-3 PERCENT (g)	55.6%	65.7%	63.3%	50.1%
TERMINAL (d)	16/31 (52%)	23/31 (74%)	16/30 (53%)	14/34 (41%)
FIRST INCIDENCE	502	574	544	429
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.216N	P=0.210	P=0.289	P=0.372N
POLY 1.5	P=0.236N	P=0.218	P=0.278	P=0.386N
POLY 6	P=0.196N	P=0.179	P=0.307	P=0.364N
COCH-ARM / FISHERS	P=0.273N	P=0.210	P=0.273	P=0.421N
MAX-ISO-POLY-3	P=0.206N	P=0.154	P=0.223	P=0.298N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Kidney: Cortex Infarct</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/43.14	0/45.08	1/43.50	1/44.26
POLY-3 PERCENT (g)	0%	0%	2.3%	2.3%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	1/30 (3%)	0/34 (0%)
FIRST INCIDENCE	---	---	730 (T)	667
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.239	(e)	P=0.502	P=0.505
POLY 1.5	P=0.238	(e)	P=0.501	P=0.503
POLY 6	P=0.242	(e)	P=0.502	P=0.508
COCH-ARM / FISHERS	P=0.235	(e)	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.262	(e)	P=0.161	P=0.165

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Kidney: Papilla Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	12/50 (24%)	13/50 (26%)	9/50 (18%)	4/50 (8%)
POLY-3 RATE (b)	12/44.16	13/46.23	9/44.69	4/44.02
POLY-3 PERCENT (g)	27.2%	28.1%	20.1%	9.1%
TERMINAL (d)	9/31 (29%)	9/31 (29%)	5/30 (17%)	4/34 (12%)
FIRST INCIDENCE	544	574	554	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.011N*	P=0.554	P=0.297N	P=0.024N*
POLY 1.5	P=0.011N*	P=0.537	P=0.304N	P=0.025N*
POLY 6	P=0.011N*	P=0.562	P=0.290N	P=0.024N*
COCH-ARM / FISHERS	P=0.012N*	P=0.500	P=0.312N	P=0.027N*
MAX-ISO-POLY-3	P=0.017N*	P=0.460	P=0.219N	P=0.012N*

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Kidney: Pelvis, Transitional Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	2/45.08	2/43.50	0/44.02
POLY-3 PERCENT (g)	0%	4.4%	4.6%	0%
TERMINAL (d)	0/31 (0%)	2/31 (7%)	2/30 (7%)	0/34 (0%)
FIRST INCIDENCE	---	730 (T)	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.490N	P=0.247	P=0.239	(e)
POLY 1.5	P=0.493N	P=0.244	P=0.238	(e)
POLY 6	P=0.486N	P=0.248	P=0.239	(e)
COCH-ARM / FISHERS	P=0.499N	P=0.247	P=0.247	(e)
MAX-ISO-POLY-3	P=0.281N	P=0.085	P=0.078	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Kidney: Pelvis, Transitional Epithelium Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/44.41	0/45.08	0/43.50	1/44.82
POLY-3 PERCENT (g)	4.5%	0%	0%	2.2%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	502	---	---	429
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.466N	P=0.234N	P=0.242N	P=0.497N
POLY 1.5	P=0.465N	P=0.234N	P=0.240N	P=0.497N
POLY 6	P=0.466N	P=0.235N	P=0.244N	P=0.497N
COCH-ARM / FISHERS	P=0.462N	P=0.247N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.134N	P=0.076N	P=0.080N	P=0.279N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
Larynx				
Foreign Body				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	6/50 (12%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	4/43.74	6/45.59	4/44.07	1/44.02
POLY-3 PERCENT (g)	9.2%	13.2%	9.1%	2.3%
TERMINAL (d)	3/31 (10%)	5/31 (16%)	2/30 (7%)	1/34 (3%)
FIRST INCIDENCE	536	575	639	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.092N	P=0.395	P=0.640N	P=0.176N
POLY 1.5	P=0.093N	P=0.388	P=0.641N	P=0.177N
POLY 6	P=0.091N	P=0.398	P=0.637N	P=0.175N
COCH-ARM / FISHERS	P=0.094N	P=0.370	P=0.643N	P=0.181N
MAX-ISO-POLY-3	P=0.106N	P=0.279	P=0.495N	P=0.082N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Larynx Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	2/43.30	1/45.08	2/43.76	2/44.54
POLY-3 PERCENT (g)	4.6%	2.2%	4.6%	4.5%
TERMINAL (d)	1/31 (3%)	1/31 (3%)	1/30 (3%)	1/34 (3%)
FIRST INCIDENCE	688	730 (T)	661	571
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.530	P=0.486N	P=0.690N	P=0.684N
POLY 1.5	P=0.528	P=0.490N	P=0.692N	P=0.687N
POLY 6	P=0.535	P=0.485N	P=0.690N	P=0.680N
COCH-ARM / FISHERS	P=0.525	P=0.500N	P=0.691N	P=0.691N
MAX-ISO-POLY-3	P=0.616	P=0.272N	P=0.495N	P=0.488N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Larynx: Epiglottis Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	0/45.08	2/43.53	0/44.02
POLY-3 PERCENT (g)	0%	0%	4.6%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	1/30 (3%)	0/34 (0%)
FIRST INCIDENCE	---	---	724	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.599	(e)	P=0.239	(e)
POLY 1.5	P=0.597	(e)	P=0.238	(e)
POLY 6	P=0.603	(e)	P=0.239	(e)
COCH-ARM / FISHERS	P=0.594	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.257	(e)	P=0.078	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Larynx: Respiratory Epithelium Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	2/45.40	0/43.50	0/44.02
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
TERMINAL (d)	0/31 (0%)	1/31 (3%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	640	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.392N	P=0.249	(e)	(e)
POLY 1.5	P=0.395N	P=0.245	(e)	(e)
POLY 6	P=0.389N	P=0.251	(e)	(e)
COCH-ARM / FISHERS	P=0.403N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.262N	P=0.087	(e)	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Angiectasis</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	1/50 (2%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	3/43.24	1/45.08	3/43.50	3/44.02
POLY-3 PERCENT (g)	6.9%	2.2%	6.9%	6.8%
TERMINAL (d)	2/31 (7%)	1/31 (3%)	3/30 (10%)	3/34 (9%)
FIRST INCIDENCE	704	730 (T)	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.454	P=0.290N	P=0.660N	P=0.654N
POLY 1.5	P=0.454	P=0.295N	P=0.661N	P=0.657N
POLY 6	P=0.455	P=0.289N	P=0.661N	P=0.652N
COCH-ARM / FISHERS	P=0.455	P=0.309N	P=0.661N	P=0.661N
MAX-ISO-POLY-3	P=0.513	P=0.148N	P=0.496N	P=0.490N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	20/50 (40%)	14/50 (28%)	23/50 (46%)	22/50 (44%)
POLY-3 RATE (b)	20/45.25	14/46.17	23/45.51	22/45.89
POLY-3 PERCENT (g)	44.2%	30.3%	50.5%	48%
TERMINAL (d)	14/31 (45%)	10/31 (32%)	16/30 (53%)	18/34 (53%)
FIRST INCIDENCE	486	631	481	571
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.190	P=0.120N	P=0.344	P=0.440
POLY 1.5	P=0.190	P=0.128N	P=0.342	P=0.432
POLY 6	P=0.196	P=0.115N	P=0.350	P=0.453
COCH-ARM / FISHERS	P=0.195	P=0.146N	P=0.343	P=0.420
MAX-ISO-POLY-3	P=0.191	P=0.084N	P=0.271	P=0.358

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Clear Cell Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	16/50 (32%)	9/50 (18%)	8/50 (16%)	7/50 (14%)
POLY-3 RATE (b)	16/43.98	9/46.28	8/44.01	7/44.27
POLY-3 PERCENT (g)	36.4%	19.5%	18.2%	15.8%
TERMINAL (d)	12/31 (39%)	5/31 (16%)	6/30 (20%)	6/34 (18%)
FIRST INCIDENCE	590	578	618	663
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.027N*	P=0.056N	P=0.043N*	P=0.022N*
POLY 1.5	P=0.027N*	P=0.064N	P=0.045N*	P=0.024N*
POLY 6	P=0.027N*	P=0.051N	P=0.042N*	P=0.021N*
COCH-ARM / FISHERS	P=0.028N*	P=0.083N	P=0.050N*	P=0.028N*
MAX-ISO-POLY-3	P=0.015N*	P=0.037N*	P=0.025N*	P=0.012N*

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/43.14	0/45.08	2/43.50	0/44.02
POLY-3 PERCENT (g)	2.3%	0%	4.6%	0%
TERMINAL (d)	1/31 (3%)	0/31 (0%)	2/30 (7%)	0/34 (0%)
FIRST INCIDENCE	730 (T)	---	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.463N	P=0.491N	P=0.503	P=0.496N
POLY 1.5	P=0.463N	P=0.494N	P=0.502	P=0.497N
POLY 6	P=0.462N	P=0.490N	P=0.503	P=0.494N
COCH-ARM / FISHERS	P=0.462N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.332N	P=0.158N	P=0.283	P=0.158N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Hepatodiaphragmatic Nodule</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	6/50 (12%)	2/50 (4%)	9/50 (18%)
POLY-3 RATE (b)	9/43.29	6/45.54	2/43.66	9/44.97
POLY-3 PERCENT (g)	20.8%	13.2%	4.6%	20%
TERMINAL (d)	7/31 (23%)	3/31 (10%)	1/30 (3%)	7/34 (21%)
FIRST INCIDENCE	704	631	688	586
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.535	P=0.250N	P=0.023N*	P=0.569N
POLY 1.5	P=0.532	P=0.263N	P=0.024N*	P=0.582N
POLY 6	P=0.542	P=0.241N	P=0.022N*	P=0.553N
COCH-ARM / FISHERS	P=0.528	P=0.288N	P=0.026N*	P=0.602N
MAX-ISO-POLY-3	P=0.218N	P=0.175N	P=0.010N**	P=0.464N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	1/45.17	1/43.69	0/44.02
POLY-3 PERCENT (g)	0%	2.2%	2.3%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	706	682	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.588N	P=0.509	P=0.503	(e)
POLY 1.5	P=0.590N	P=0.506	P=0.501	(e)
POLY 6	P=0.586N	P=0.511	P=0.504	(e)
COCH-ARM / FISHERS	P=0.594N	P=0.500	P=0.500	(e)
MAX-ISO-POLY-3	P=0.413N	P=0.170	P=0.162	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Liver</b>				
<b>Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	8/50 (16%)	6/50 (12%)	2/50 (4%)
POLY-3 RATE (b)	3/43.56	8/47.10	6/44.05	2/44.78
POLY-3 PERCENT (g)	6.9%	17%	13.6%	4.5%
TERMINAL (d)	1/31 (3%)	1/31 (3%)	3/30 (10%)	0/34 (0%)
FIRST INCIDENCE	625	574	638	571
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.228N	P=0.124	P=0.246	P=0.487N
POLY 1.5	P=0.233N	P=0.115	P=0.245	P=0.492N
POLY 6	P=0.222N	P=0.135	P=0.247	P=0.482N
COCH-ARM / FISHERS	P=0.243N	P=0.100	P=0.243	P=0.500N
MAX-ISO-POLY-3	P=0.175N	P=0.077	P=0.150	P=0.315N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	6/43.14	2/45.61	1/43.50	2/44.02
POLY-3 PERCENT (g)	13.9%	4.4%	2.3%	4.5%
TERMINAL (d)	6/31 (19%)	0/31 (0%)	1/30 (3%)	2/34 (6%)
FIRST INCIDENCE	730 (T)	607	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.097N	P=0.115N	P=0.054N	P=0.125N
POLY 1.5	P=0.096N	P=0.121N	P=0.055N	P=0.128N
POLY 6	P=0.097N	P=0.110N	P=0.053N	P=0.122N
COCH-ARM / FISHERS	P=0.095N	P=0.134N	P=0.056N	P=0.134N
MAX-ISO-POLY-3	P=0.034N*	P=0.063N	P=0.023N*	P=0.066N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	0/45.08	0/43.50	0/44.02
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	11/50 (22%)	7/50 (14%)	24/50 (48%)
POLY-3 RATE (b)	4/43.61	11/46.69	7/44.17	24/46.56
POLY-3 PERCENT (g)	9.2%	23.6%	15.9%	51.5%
TERMINAL (d)	3/31 (10%)	5/31 (16%)	4/30 (13%)	17/34 (50%)
FIRST INCIDENCE	590	607	618	429
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.058	P=0.267	P<0.001**
POLY 1.5	P<0.001**	P=0.053	P=0.265	P<0.001**
POLY 6	P<0.001**	P=0.064	P=0.269	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.045*	P=0.262	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.036*	P=0.174	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung</b>				
<b>Metaplasia Osseous</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	0/45.08	1/43.50	0/44.02
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	1/30 (3%)	0/34 (0%)
FIRST INCIDENCE	---	---	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.697	(e)	P=0.502	(e)
POLY 1.5	P=0.696	(e)	P=0.501	(e)
POLY 6	P=0.700	(e)	P=0.502	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.392	(e)	P=0.161	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Alveolar Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	6/50 (12%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	3/43.14	6/45.99	4/43.50	3/44.02
POLY-3 PERCENT (g)	7%	13.1%	9.2%	6.8%
TERMINAL (d)	3/31 (10%)	3/31 (10%)	4/30 (13%)	3/34 (9%)
FIRST INCIDENCE	730 (T)	607	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.423N	P=0.274	P=0.505	P=0.653N
POLY 1.5	P=0.425N	P=0.263	P=0.503	P=0.656N
POLY 6	P=0.420N	P=0.285	P=0.505	P=0.650N
COCH-ARM / FISHERS	P=0.429N	P=0.243	P=0.500	P=0.661N
MAX-ISO-POLY-3	P=0.480N	P=0.178	P=0.351	P=0.489N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Alveolus Infiltration Cellular Histiocyte</b>				
<b>LESION RATES</b>				
OVERALL (a)	13/50 (26%)	24/50 (48%)	27/50 (54%)	35/50 (70%)
POLY-3 RATE (b)	13/44.91	24/46.81	27/46.16	35/49.08
POLY-3 PERCENT (g)	29%	51.3%	58.5%	71.3%
TERMINAL (d)	8/31 (26%)	16/31 (52%)	19/30 (63%)	23/34 (68%)
FIRST INCIDENCE	502	631	544	429
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.021*	P=0.003**	P<0.001**
POLY 1.5	P<0.001**	P=0.020*	P=0.003**	P<0.001**
POLY 6	P<0.001**	P=0.022*	P=0.003**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.019*	P=0.004**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.014*	P=0.002**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Alveolus Proteinosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/43.14	0/45.08	1/43.50	2/44.02
POLY-3 PERCENT (g)	0%	0%	2.3%	4.5%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	1/30 (3%)	2/34 (6%)
FIRST INCIDENCE	---	---	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.070	(e)	P=0.502	P=0.242
POLY 1.5	P=0.070	(e)	P=0.501	P=0.240
POLY 6	P=0.070	(e)	P=0.502	P=0.243
COCH-ARM / FISHERS	P=0.070	(e)	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.083	(e)	P=0.161	P=0.080

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Artery Thrombosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	0/45.08	0/43.50	0/44.02
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Bronchiole Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/43.14	1/45.36	0/43.50	0/44.02
POLY-3 PERCENT (g)	2.3%	2.2%	0%	0%
TERMINAL (d)	1/31 (3%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	730 (T)	654	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.236N	P=0.749N	P=0.498N	P=0.496N
POLY 1.5	P=0.236N	P=0.753N	P=0.499N	P=0.497N
POLY 6	P=0.235N	P=0.747N	P=0.498N	P=0.494N
COCH-ARM / FISHERS	P=0.235N	P=0.753N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.255N	P=0.485N	P=0.158N	P=0.158N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lung: Interstitium Fibrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/43.14	2/45.28	0/43.50	2/44.02
POLY-3 PERCENT (g)	2.3%	4.4%	0%	4.5%
TERMINAL (d)	1/31 (3%)	0/31 (0%)	0/30 (0%)	2/34 (6%)
FIRST INCIDENCE	730 (T)	702	---	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.474	P=0.517	P=0.498N	P=0.507
POLY 1.5	P=0.473	P=0.511	P=0.499N	P=0.505
POLY 6	P=0.476	P=0.521	P=0.498N	P=0.510
COCH-ARM / FISHERS	P=0.470	P=0.500	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.427	P=0.299	P=0.158N	P=0.288

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Lymph Node, Mediastinal Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/33 (0%)	0/27 (0%)	0/25 (0%)	2/29 (7%)
POLY-3 RATE (b)	0/29.32	0/24.02	0/21.70	2/25.64
POLY-3 PERCENT (g)	0%	0%	0%	7.8%
TERMINAL (d)	0/22 (0%)	0/17 (0%)	0/13 (0%)	1/18 (6%)
FIRST INCIDENCE	---	---	---	675
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.043*	(e)	(e)	P=0.206
POLY 1.5	P=0.043*	(e)	(e)	P=0.207
POLY 6	P=0.043*	(e)	(e)	P=0.203
COCH-ARM / FISHERS	P=0.045*	(e)	(e)	P=0.215
MAX-ISO-POLY-3	P=0.033*	(e)	(e)	P=0.067

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Mammary Gland</b>				
<b>Galactocele</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	3/50 (6%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	4/43.94	3/45.58	5/44.48	3/44.56
POLY-3 PERCENT (g)	9.1%	6.6%	11.2%	6.7%
TERMINAL (d)	2/31 (7%)	2/31 (7%)	1/30 (3%)	1/34 (3%)
FIRST INCIDENCE	590	578	554	647
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.482N	P=0.480N	P=0.508	P=0.492N
POLY 1.5	P=0.483N	P=0.485N	P=0.504	P=0.495N
POLY 6	P=0.478N	P=0.480N	P=0.510	P=0.490N
COCH-ARM / FISHERS	P=0.482N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.547N	P=0.332N	P=0.370	P=0.341N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Mesentery Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	15/16 (94%)	14/15 (93%)	17/18 (94%)	10/10 (100%)
POLY-3 RATE (b)	15/15.90	14/14.91	17/17.08	10/10.00
POLY-3 PERCENT (g)	94.4%	93.9%	99.6%	100%
TERMINAL (d)	9/9 (100%)	9/9 (100%)	11/11 (100%)	7/7 (100%)
FIRST INCIDENCE	486	578	618	586
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.320	P=0.767N	P=0.564	P=0.636
POLY 1.5	P=0.328	P=0.756N	P=0.611	P=0.614
POLY 6	P=0.337	P=0.789N	P=0.584	P=0.682
COCH-ARM / FISHERS	P=0.391	P=0.742N	P=0.727	P=0.615
MAX-ISO-POLY-3	P=0.352	P=0.479N	P=0.174	P=0.240

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	1/49 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	6/44.40	1/44.59	1/43.50	2/44.02
POLY-3 PERCENT (g)	13.5%	2.2%	2.3%	4.5%
TERMINAL (d)	4/31 (13%)	1/31 (3%)	1/30 (3%)	2/34 (6%)
FIRST INCIDENCE	502	730 (T)	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.115N	P=0.055N	P=0.059N	P=0.135N
POLY 1.5	P=0.114N	P=0.056N	P=0.058N	P=0.134N
POLY 6	P=0.116N	P=0.054N	P=0.060N	P=0.136N
COCH-ARM / FISHERS	P=0.113N	P=0.059N	P=0.056N	P=0.134N
MAX-ISO-POLY-3	P=0.024N*	P=0.024N*	P=0.026N*	P=0.070N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	4/49 (8%)	15/50 (30%)	34/50 (68%)
POLY-3 RATE (b)	6/44.40	4/44.59	15/44.13	34/48.09
POLY-3 PERCENT (g)	13.5%	9%	34%	70.7%
TERMINAL (d)	4/31 (13%)	4/31 (13%)	11/30 (37%)	23/34 (68%)
FIRST INCIDENCE	502	730 (T)	639	449
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.366N	P=0.019*	P<0.001**
POLY 1.5	P<0.001**	P=0.371N	P=0.021*	P<0.001**
POLY 6	P<0.001**	P=0.367N	P=0.018*	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.383N	P=0.024*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.251N	P=0.010**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Glands, Respiratory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	46/49 (94%)	45/50 (90%)	44/50 (88%)
POLY-3 RATE (b)	9/45.20	46/48.65	45/49.35	44/48.57
POLY-3 PERCENT (g)	19.9%	94.6%	91.2%	90.6%
TERMINAL (d)	6/31 (19%)	29/31 (94%)	27/30 (90%)	32/34 (94%)
FIRST INCIDENCE	361	574	310	429
<b>STATISTICAL TESTS</b>				
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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Glands, Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	45/50 (90%)	49/49 (100%)	48/50 (96%)	49/50 (98%)
POLY-3 RATE (b)	45/49.50	49/49.00	48/49.27	49/50.00
POLY-3 PERCENT (g)	90.9%	100%	97.4%	98%
TERMINAL (d)	28/31 (90%)	31/31 (100%)	30/30 (100%)	33/34 (97%)
FIRST INCIDENCE	361	574	310	429
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.113	P=0.039*	P=0.155	P=0.127
POLY 1.5	P=0.110	P=0.035*	P=0.183	P=0.115
POLY 6	P=0.121	P=0.047*	P=0.119	P=0.149
COCH-ARM / FISHERS	P=0.111	P=0.030*	P=0.218	P=0.102
MAX-ISO-POLY-3	P=0.020*	P=0.012*	P=0.071	P=0.056

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Goblet Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/49 (0%)	4/50 (8%)	20/50 (40%)
POLY-3 RATE (b)	1/43.14	0/44.59	4/43.90	20/45.86
POLY-3 PERCENT (g)	2.3%	0%	9.1%	43.6%
TERMINAL (d)	1/31 (3%)	0/31 (0%)	3/30 (10%)	16/34 (47%)
FIRST INCIDENCE	730 (T)	---	618	449
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.493N	P=0.183	P<0.001**
POLY 1.5	P<0.001**	P=0.497N	P=0.182	P<0.001**
POLY 6	P<0.001**	P=0.491N	P=0.185	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.505N	P=0.181	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.160N	P=0.088	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Nasolacrimal Duct Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/49 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.44	2/44.75	0/43.50	0/44.02
POLY-3 PERCENT (g)	4.6%	4.5%	0%	0%
TERMINAL (d)	0/31 (0%)	1/31 (3%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	665	688	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.085N	P=0.683N	P=0.237N	P=0.234N
POLY 1.5	P=0.085N	P=0.689N	P=0.237N	P=0.235N
POLY 6	P=0.085N	P=0.681N	P=0.238N	P=0.233N
COCH-ARM / FISHERS	P=0.085N	P=0.684	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.120N	P=0.487N	P=0.076N	P=0.076N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	11/50 (22%)	49/49 (100%)	50/50 (100%)	48/50 (96%)
POLY-3 RATE (b)	11/44.49	49/49.00	50/50.00	48/48.73
POLY-3 PERCENT (g)	24.7%	100%	100%	98.5%
TERMINAL (d)	7/31 (23%)	31/31 (100%)	30/30 (100%)	34/34 (100%)
FIRST INCIDENCE	536	574	310	449
<b>STATISTICAL TESTS</b>				
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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	47/49 (96%)	48/50 (96%)	50/50 (100%)
POLY-3 RATE (b)	1/43.14	47/48.65	48/49.29	50/50.00
POLY-3 PERCENT (g)	2.3%	96.6%	97.4%	100%
TERMINAL (d)	1/31 (3%)	30/31 (97%)	29/30 (97%)	34/34 (100%)
FIRST INCIDENCE	730 (T)	574	310	429
<b>STATISTICAL TESTS</b>				
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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium</b>				
<b>Hyperplasia Basal Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	3/49 (6%)	29/50 (58%)	48/50 (96%)
POLY-3 RATE (b)	0/43.14	3/44.59	29/44.70	48/49.20
POLY-3 PERCENT (g)	0%	6.7%	64.9%	97.6%
TERMINAL (d)	0/31 (0%)	3/31 (10%)	24/30 (80%)	33/34 (97%)
FIRST INCIDENCE	---	730 (T)	618	449
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.124	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.122	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.126	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.117	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.043*	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	0/44.59	1/43.50	0/44.02
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	1/30 (3%)	0/34 (0%)
FIRST INCIDENCE	---	---	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.697	(e)	P=0.502	(e)
POLY 1.5	P=0.696	(e)	P=0.501	(e)
POLY 6	P=0.699	(e)	P=0.502	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.393	(e)	P=0.161	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/49 (4%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	2/44.59	3/43.50	0/44.02
POLY-3 PERCENT (g)	0%	4.5%	6.9%	0%
TERMINAL (d)	0/31 (0%)	2/31 (7%)	3/30 (10%)	0/34 (0%)
FIRST INCIDENCE	---	730 (T)	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.518N	P=0.244	P=0.120	(e)
POLY 1.5	P=0.522N	P=0.241	P=0.120	(e)
POLY 6	P=0.515N	P=0.247	P=0.120	(e)
COCH-ARM / FISHERS	P=0.527N	P=0.242	P=0.121	(e)
MAX-ISO-POLY-3	P=0.234N	P=0.084	P=0.039*	(e)

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium</b>				
<b>Respiratory Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	1/49 (2%)	2/50 (4%)	19/50 (38%)
POLY-3 RATE (b)	3/43.14	1/44.59	2/43.53	19/45.19
POLY-3 PERCENT (g)	7%	2.2%	4.6%	42%
TERMINAL (d)	3/31 (10%)	1/31 (3%)	1/30 (3%)	15/34 (44%)
FIRST INCIDENCE	730 (T)	730 (T)	724	592
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.293N	P=0.496N	P<0.001**
POLY 1.5	P<0.001**	P=0.300N	P=0.498N	P<0.001**
POLY 6	P<0.001**	P=0.289N	P=0.495N	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.316N	P=0.500N	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.150N	P=0.320N	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Olfactory Epithelium</b>				
<b>Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/49 (2%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	0/43.14	1/44.94	4/45.36	3/45.22
POLY-3 PERCENT (g)	0%	2.2%	8.8%	6.6%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	631	481	429
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.079	P=0.508	P=0.067	P=0.127
POLY 1.5	P=0.076	P=0.504	P=0.064	P=0.124
POLY 6	P=0.082	P=0.512	P=0.070	P=0.131
COCH-ARM / FISHERS	P=0.073	P=0.495	P=0.059	P=0.121
MAX-ISO-POLY-3	P=0.068	P=0.170	P=0.025*	P=0.045*

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	48/49 (98%)	46/50 (92%)	39/50 (78%)
POLY-3 RATE (b)	4/43.72	48/48.89	46/49.55	39/47.72
POLY-3 PERCENT (g)	9.2%	98.2%	92.8%	81.7%
TERMINAL (d)	3/31 (10%)	31/31 (100%)	28/30 (93%)	29/34 (85%)
FIRST INCIDENCE	544	574	310	429
<b>STATISTICAL TESTS</b>				
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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	7/50 (14%)	31/49 (63%)	41/50 (82%)	50/50 (100%)
POLY-3 RATE (b)	7/44.40	31/45.76	41/46.38	50/50.00
POLY-3 PERCENT (g)	15.8%	67.7%	88.4%	100%
TERMINAL (d)	5/31 (16%)	25/31 (81%)	29/30 (97%)	34/34 (100%)
FIRST INCIDENCE	502	607	481	429
<b>STATISTICAL TESTS</b>				
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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/49 (2%)	5/50 (10%)	39/50 (78%)
POLY-3 RATE (b)	1/43.72	1/44.59	5/43.83	39/48.33
POLY-3 PERCENT (g)	2.3%	2.2%	11.4%	80.7%
TERMINAL (d)	0/31 (0%)	1/31 (3%)	4/30 (13%)	26/34 (77%)
FIRST INCIDENCE	544	730 (T)	639	449
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.756N	P=0.101	P<0.001**
POLY 1.5	P<0.001**	P=0.759N	P=0.101	P<0.001**
POLY 6	P<0.001**	P=0.756N	P=0.100	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.747	P=0.102	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.494N	P=0.044*	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/43.14	0/44.59	1/43.83	4/44.02
POLY-3 PERCENT (g)	0%	0%	2.3%	9.1%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	4/34 (12%)
FIRST INCIDENCE	---	---	639	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.005**	(e)	P=0.503	P=0.063
POLY 1.5	P=0.005**	(e)	P=0.502	P=0.062
POLY 6	P=0.005**	(e)	P=0.505	P=0.063
COCH-ARM / FISHERS	P=0.006**	(e)	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.008**	(e)	P=0.162	P=0.021*

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	34/50 (68%)
POLY-3 RATE (b)	0/43.14	0/44.59	0/43.50	34/47.86
POLY-3 PERCENT (g)	0%	0%	0%	71%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	24/34 (71%)
FIRST INCIDENCE	---	---	---	449
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Respiratory Epithelium Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/49 (2%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	0/43.14	1/44.94	4/45.36	3/45.22
POLY-3 PERCENT (g)	0%	2.2%	8.8%	6.6%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	631	481	429
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.079	P=0.508	P=0.067	P=0.127
POLY 1.5	P=0.076	P=0.504	P=0.064	P=0.124
POLY 6	P=0.082	P=0.512	P=0.070	P=0.131
COCH-ARM / FISHERS	P=0.073	P=0.495	P=0.059	P=0.121
MAX-ISO-POLY-3	P=0.068	P=0.170	P=0.025*	P=0.045*

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Turbinate Hyperostosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.14	0/44.59	0/43.50	2/44.02
POLY-3 PERCENT (g)	0%	0%	0%	4.5%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	2/34 (6%)
FIRST INCIDENCE	---	---	---	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.045*	(e)	(e)	P=0.242
POLY 1.5	P=0.046*	(e)	(e)	P=0.240
POLY 6	P=0.045*	(e)	(e)	P=0.243
COCH-ARM / FISHERS	P=0.047*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.036*	(e)	(e)	P=0.080

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Nose: Turbinate Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	32/50 (64%)
POLY-3 RATE (b)	0/43.14	0/44.59	0/43.50	32/47.39
POLY-3 PERCENT (g)	0%	0%	0%	67.5%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	23/34 (68%)
FIRST INCIDENCE	---	---	---	449
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Ovary Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	7/50 (14%)	5/50 (10%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	7/43.14	5/45.08	4/43.55	4/44.02
POLY-3 PERCENT (g)	16.2%	11.1%	9.2%	9.1%
TERMINAL (d)	7/31 (23%)	5/31 (16%)	3/30 (10%)	4/34 (12%)
FIRST INCIDENCE	730 (T)	730 (T)	719	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.211N	P=0.348N	P=0.254N	P=0.248N
POLY 1.5	P=0.213N	P=0.358N	P=0.257N	P=0.253N
POLY 6	P=0.207N	P=0.343N	P=0.251N	P=0.242N
COCH-ARM / FISHERS	P=0.213N	P=0.380N	P=0.262N	P=0.262N
MAX-ISO-POLY-3	P=0.243N	P=0.246N	P=0.164N	P=0.160N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Pancreas: Acinus Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	1/43.14	1/45.08	1/44.43	4/44.49
POLY-3 PERCENT (g)	2.3%	2.2%	2.3%	9%
TERMINAL (d)	1/31 (3%)	1/31 (3%)	0/30 (0%)	2/34 (6%)
FIRST INCIDENCE	730 (T)	730 (T)	310	618
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.068	P=0.751N	P=0.754N	P=0.188
POLY 1.5	P=0.068	P=0.754N	P=0.756N	P=0.184
POLY 6	P=0.069	P=0.750N	P=0.753N	P=0.192
COCH-ARM / FISHERS	P=0.067	P=0.753N	P=0.753N	P=0.181
MAX-ISO-POLY-3	P=0.088	P=0.487N	P=0.491N	P=0.092

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Pituitary Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/43.14	1/45.08	1/43.50	1/44.49
POLY-3 PERCENT (g)	0%	2.2%	2.3%	2.3%
TERMINAL (d)	0/31 (0%)	1/31 (3%)	1/30 (3%)	0/34 (0%)
FIRST INCIDENCE	---	730 (T)	730 (T)	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.395	P=0.509	P=0.502	P=0.506
POLY 1.5	P=0.391	P=0.506	P=0.501	P=0.504
POLY 6	P=0.401	P=0.510	P=0.502	P=0.509
COCH-ARM / FISHERS	P=0.384	P=0.500	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.342	P=0.169	P=0.161	P=0.166

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Pituitary Gland Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/43.23	2/45.63	0/43.50	2/44.54
POLY-3 PERCENT (g)	4.6%	4.4%	0%	4.5%
TERMINAL (d)	1/31 (3%)	0/31 (0%)	0/30 (0%)	1/34 (3%)
FIRST INCIDENCE	706	645	---	571
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.554N	P=0.675N	P=0.236N	P=0.683N
POLY 1.5	P=0.555N	P=0.681N	P=0.236N	P=0.687N
POLY 6	P=0.554N	P=0.670N	P=0.236N	P=0.679N
COCH-ARM / FISHERS	P=0.555N	P=0.691N	P=0.247N	P=0.691N
MAX-ISO-POLY-3	P=0.443N	P=0.478N	P=0.076N	P=0.487N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Pituitary Gland: Pars Distalis Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	10/50 (20%)	7/50 (14%)	18/50 (36%)
POLY-3 RATE (b)	9/43.87	10/45.45	7/43.52	18/45.67
POLY-3 PERCENT (g)	20.5%	22%	16.1%	39.4%
TERMINAL (d)	7/31 (23%)	7/31 (23%)	6/30 (20%)	15/34 (44%)
FIRST INCIDENCE	502	688	725	449
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.018*	P=0.535	P=0.398N	P=0.039*
POLY 1.5	P=0.018*	P=0.524	P=0.396N	P=0.037*
POLY 6	P=0.019*	P=0.541	P=0.402N	P=0.042*
COCH-ARM / FISHERS	P=0.019*	P=0.500	P=0.393N	P=0.035*
MAX-ISO-POLY-3	P=0.022*	P=0.431	P=0.297N	P=0.025*

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

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DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<hr/>				
Pleura				
Inflammation Chronic				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	14/50 (28%)	12/50 (24%)	21/50 (42%)
POLY-3 RATE (b)	6/43.55	14/46.18	12/45.26	21/45.68
POLY-3 PERCENT (g)	13.8%	30.3%	26.5%	46%
TERMINAL (d)	4/31 (13%)	9/31 (29%)	6/30 (20%)	15/34 (44%)
FIRST INCIDENCE	646	640	544	618
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.049*	P=0.108	P<0.001**
POLY 1.5	P<0.001**	P=0.045*	P=0.102	P<0.001**
POLY 6	P<0.001**	P=0.052	P=0.115	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.039*	P=0.096	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.031*	P=0.070	P<0.001**

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TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Skin</b>				
<b>Cyst Epithelial Inclusion</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/43.14	1/45.24	1/43.68	2/44.02
POLY-3 PERCENT (g)	2.3%	2.2%	2.3%	4.5%
TERMINAL (d)	1/31 (3%)	0/31 (0%)	0/30 (0%)	2/34 (6%)
FIRST INCIDENCE	730 (T)	688	683	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.353	P=0.750N	P=0.758N	P=0.507
POLY 1.5	P=0.352	P=0.753N	P=0.759N	P=0.505
POLY 6	P=0.354	P=0.748N	P=0.757N	P=0.510
COCH-ARM / FISHERS	P=0.351	P=0.753N	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.427	P=0.486N	P=0.496N	P=0.288

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Skin</b>				
<b>Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	6/44.49	2/45.40	1/43.52	3/44.62
POLY-3 PERCENT (g)	13.5%	4.4%	2.3%	6.7%
TERMINAL (d)	2/31 (7%)	1/31 (3%)	0/30 (0%)	1/34 (3%)
FIRST INCIDENCE	502	640	725	618
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.214N	P=0.126N	P=0.059N	P=0.240N
POLY 1.5	P=0.213N	P=0.128N	P=0.058N	P=0.241N
POLY 6	P=0.213N	P=0.127N	P=0.061N	P=0.240N
COCH-ARM / FISHERS	P=0.211N	P=0.134N	P=0.056N	P=0.243N
MAX-ISO-POLY-3	P=0.069N	P=0.066N	P=0.026N*	P=0.145N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

Time Report Requested: 09:38:54

First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
OVERALL (a)	7/50 (14%)	3/50 (6%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	7/44.55	3/45.55	4/44.65	3/44.71
POLY-3 PERCENT (g)	15.7%	6.6%	9%	6.7%
TERMINAL (d)	3/31 (10%)	1/31 (3%)	0/30 (0%)	1/34 (3%)
FIRST INCIDENCE	502	646	310	586
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.164N	P=0.148N	P=0.259N	P=0.155N
POLY 1.5	P=0.164N	P=0.150N	P=0.258N	P=0.156N
POLY 6	P=0.163N	P=0.149N	P=0.264N	P=0.155N
COCH-ARM / FISHERS	P=0.163N	P=0.159N	P=0.262N	P=0.159N
MAX-ISO-POLY-3	P=0.116N	P=0.086N	P=0.167N	P=0.089N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Spleen Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/43.35	0/45.08	0/43.50	0/44.02
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	674	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.312N	P=0.492N	P=0.499N	P=0.497N
POLY 1.5	P=0.310N	P=0.494N	P=0.500N	P=0.498N
POLY 6	P=0.313N	P=0.492N	P=0.500N	P=0.496N
COCH-ARM / FISHERS	P=0.306N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.124N	P=0.158N	P=0.158N	P=0.158N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Spleen Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/43.19	0/45.08	1/43.55	0/44.02
POLY-3 PERCENT (g)	2.3%	0%	2.3%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	716	---	719	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.410N	P=0.491N	P=0.759N	P=0.496N
POLY 1.5	P=0.409N	P=0.494N	P=0.760N	P=0.498N
POLY 6	P=0.409N	P=0.491N	P=0.759N	P=0.495N
COCH-ARM / FISHERS	P=0.406N	P=0.500N	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.255N	P=0.158N	P=0.497N	P=0.158N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

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DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Stomach, Forestomach Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/43.14	0/45.08	0/43.50	0/44.02
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	1/31 (3%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	730 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.313N	P=0.491N	P=0.498N	P=0.496N
POLY 1.5	P=0.311N	P=0.494N	P=0.499N	P=0.497N
POLY 6	P=0.314N	P=0.490N	P=0.498N	P=0.494N
COCH-ARM / FISHERS	P=0.306N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.124N	P=0.158N	P=0.158N	P=0.158N

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TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Stomach, Forestomach Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.30	0/45.08	0/43.50	0/44.02
POLY-3 PERCENT (g)	4.6%	0%	0%	0%
TERMINAL (d)	1/31 (3%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	688	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.118N	P=0.228N	P=0.236N	P=0.233N
POLY 1.5	P=0.117N	P=0.231N	P=0.236N	P=0.235N
POLY 6	P=0.118N	P=0.227N	P=0.236N	P=0.232N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.032N*	P=0.076N	P=0.076N	P=0.076N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

CAS Number: 109-89-7

Date Report Requested: 12/30/2008

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First Dose M/F: 08/25/03 / 08/25/03

Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	3/50 (6%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/43.19	3/45.79	1/43.61	1/44.49
POLY-3 PERCENT (g)	2.3%	6.6%	2.3%	2.3%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	716	642	702	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.433N	P=0.326	P=0.759N	P=0.754N
POLY 1.5	P=0.437N	P=0.319	P=0.759N	P=0.757N
POLY 6	P=0.428N	P=0.333	P=0.758N	P=0.751N
COCH-ARM / FISHERS	P=0.443N	P=0.309	P=0.753N	P=0.753N
MAX-ISO-POLY-3	P=0.457N	P=0.176	P=0.496N	P=0.491N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

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DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Stomach, Glandular Erosion</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.14	0/45.08	0/43.50	0/44.02
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	0/34 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Thyroid Gland: C-Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	25/50 (50%)	18/50 (36%)	25/50 (50%)	21/50 (42%)
POLY-3 RATE (b)	25/45.77	18/46.66	25/45.41	21/46.09
POLY-3 PERCENT (g)	54.6%	38.6%	55.1%	45.6%
TERMINAL (d)	16/31 (52%)	12/31 (39%)	17/30 (57%)	16/34 (47%)
FIRST INCIDENCE	502	578	631	571
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.395N	P=0.086N	P=0.568	P=0.252N
POLY 1.5	P=0.397N	P=0.093N	P=0.571	P=0.259N
POLY 6	P=0.387N	P=0.085N	P=0.567	P=0.247N
COCH-ARM / FISHERS	P=0.397N	P=0.113N	P=0.579N	P=0.274N
MAX-ISO-POLY-3	P=0.305N	P=0.059N	P=0.482	P=0.190N

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Diethylamine

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Urinary Bladder: Transitional Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/43.14	0/45.08	1/43.52	1/44.02
POLY-3 PERCENT (g)	0%	0%	2.3%	2.3%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	0/30 (0%)	1/34 (3%)
FIRST INCIDENCE	---	---	725	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.237	(e)	P=0.502	P=0.504
POLY 1.5	P=0.237	(e)	P=0.501	P=0.503
POLY 6	P=0.239	(e)	P=0.502	P=0.506
COCH-ARM / FISHERS	P=0.235	(e)	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.261	(e)	P=0.161	P=0.164

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Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Uterus Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/43.14	0/45.08	2/43.69	1/44.02
POLY-3 PERCENT (g)	0%	0%	4.6%	2.3%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	1/30 (3%)	1/34 (3%)
FIRST INCIDENCE	---	---	682	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.247	(e)	P=0.240	P=0.504
POLY 1.5	P=0.246	(e)	P=0.239	P=0.503
POLY 6	P=0.249	(e)	P=0.241	P=0.506
COCH-ARM / FISHERS	P=0.245	(e)	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.178	(e)	P=0.078	P=0.164

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Uterus</b>				
<b>Thrombosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/43.14	0/45.08	1/43.50	2/44.02
POLY-3 PERCENT (g)	0%	0%	2.3%	4.5%
TERMINAL (d)	0/31 (0%)	0/31 (0%)	1/30 (3%)	2/34 (6%)
FIRST INCIDENCE	---	---	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.070	(e)	P=0.502	P=0.242
POLY 1.5	P=0.070	(e)	P=0.501	P=0.240
POLY 6	P=0.070	(e)	P=0.502	P=0.243
COCH-ARM / FISHERS	P=0.070	(e)	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.083	(e)	P=0.161	P=0.080

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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Lab: BNW

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

DOSE	Females			
	CONTROL	31 PPM	62.5 PPM	125 PPM
<b>Uterus: Endometrium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/43.14	1/45.19	1/44.07	2/44.02
POLY-3 PERCENT (g)	2.3%	2.2%	2.3%	4.5%
TERMINAL (d)	1/31 (3%)	0/31 (0%)	0/30 (0%)	2/34 (6%)
FIRST INCIDENCE	730 (T)	702	553	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.353	P=0.750N	P=0.756N	P=0.507
POLY 1.5	P=0.353	P=0.754N	P=0.758N	P=0.505
POLY 6	P=0.355	P=0.749N	P=0.754N	P=0.510
COCH-ARM / FISHERS	P=0.351	P=0.753N	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.427	P=0.486N	P=0.493N	P=0.288

TDMS No. 99017 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

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

Diethylamine

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**LEGEND**

- (a) Number of tumor-bearing animals/number of animals examined at site.
  - (b) Number of tumor-bearing animals/Poly-3 number
  - (d) Observed incidence at terminal kill.
  - (e) Value of Statistic cannot be computed.
  - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
  - (g) Poly-3 adjusted lifetime tumor incidence.
  - (I) Interim sacrifice
  - (T) Terminal sacrifice
  - # Tumor rates based on numbers of animals necropsied.
  - \* To the right of any statistical result, indicates significance at ( $P \leq 0.05$ ).
  - \*\* To the right of any statistical result, indicates significance at ( $P \leq 0.01$ ).
  - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

\*\*\* END OF REPORT \*\*\*