

**TDMS No.** 99028 - 06  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** MICE/B6C3F1

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

bis(2-Chloroethoxy)methane

**CAS Number:** 111-91-1

**Date Report Requested:** 04/07/2008

**Time Report Requested:** 11:52:50

**First Dose M/F:** 10/03/02 / 10/02/02

**Lab:** BAT

F1\_M3

**C Number:** C99028  
**Lock Date:** 09/20/2005  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**TDMSE Version:** 2.0.0

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## SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF bis(2-Chloroethoxy)methane

### MALE MICE

#### Organ

Adrenal Cortex

Adrenal Cortex: Subcapsular

Epididymis

Eye: Cornea

Heart: Myocardium

Islets, Pancreatic

Kidney

Liver

Liver: Centrilobular

Liver: Hepatocyte

Lung

Lung: Alveolus

Mesentery

Nose

Pancreas: Acinus

Pituitary Gland: Pars Distalis

Preputial Gland: Duct

Prostate: Epithelium

Skin: Site of Application - Dermis

Skin: Site of Application - Epidermis

#### Morphology

Hyperplasia

Hypertrophy

Hyperplasia

Inflammation

Inflammation

Cardiomyopathy

Fibrosis

Infiltration Cellular Mononuclear Cell

Mineralization

Necrosis

Vacuolization Cytoplasmic

Hyperplasia

Hydronephrosis

Infiltration Cellular Mononuclear Cell

Nephropathy

Clear Cell Focus

Tension Lipidosis

Degeneration

Necrosis

Inflammation

Infiltration Cellular Histiocyte

Inflammation

Inflammation

Hyperplasia

Cyst

Hyperplasia

Ectasia

Hyperplasia

Fibrosis

Inflammation

Hyperplasia

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## SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF bis(2-Chloroethoxy)methane

Stomach, Forestomach  
Stomach, Forestomach: Epithelium  
Stomach, Glandular  
Thyroid Gland: Follicular Cell  
Tooth  
Tooth: Peridental Tissue

Ulcer  
Hyperplasia  
Erosion  
Hyperplasia  
Dysplasia  
Fibrosis

### FEMALE MICE

#### Organ

Adrenal Cortex  
Adrenal Cortex: Subcapsular  
Bone Marrow  
Harderian Gland: Epithelium  
Heart: Myocardium

Islets, Pancreatic  
Kidney  
Liver  
Lung: Alveolar Epithelium  
Mesentery  
Nose  
Nose: Respiratory Epithelium  
Ovary: Periovarian Tissue  
Pancreas  
Skin: Site of Application - Dermis  
Stomach, Forestomach  
Stomach, Forestomach: Epithelium  
Stomach, Glandular: Glands  
Thymus

#### Morphology

Hypertrophy  
Hyperplasia  
Myelofibrosis  
Hyperplasia  
Cardiomyopathy  
Infiltration Cellular Mononuclear Cell  
Vacuolization Cytoplasmic  
Hyperplasia  
Inflammation  
Inflammation  
Hyperplasia  
Inflammation  
Inflammation  
Hyperplasia  
Inflammation  
Basophilic Focus  
Fibrosis  
Inflammation  
Hyperplasia  
Cyst  
Hyperplasia Lymphoid

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Adrenal Cortex  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	13/49 (27%)	4/50 (8%)	11/50 (22%)	2/50 (4%)
POLY-3 RATE (b)	13/42.80	4/45.68	11/46.83	2/34.73
POLY-3 PERCENT (g)	30.4%	8.8%	23.5%	5.8%
TERMINAL (d)	12/36 (33%)	3/39 (8%)	10/42 (24%)	2/27 (7%)
FIRST INCIDENCE	461	656	451	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.027N*	P=0.009N**	P=0.310N	P=0.006N**
POLY 1.5	P=0.024N*	P=0.010N**	P=0.345N	P=0.005N**
POLY 6	P=0.030N*	P=0.007N**	P=0.274N	P=0.007N**
COCH-ARM / FISHERS	P=0.009N**	P=0.014N*	P=0.385N	P=0.002N**
MAX-ISO-POLY-3	P=0.010N**	P=0.005N**	P=0.241N	P=0.005N**

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Adrenal Cortex  
 Hypertrophy**

**LESION RATES**

OVERALL (a)	24/49 (49%)	34/50 (68%)	26/50 (52%)	22/50 (44%)
POLY-3 RATE (b)	24/44.48	34/46.82	26/46.64	22/36.27
POLY-3 PERCENT (g)	54%	72.6%	55.7%	60.7%
TERMINAL (d)	19/36 (53%)	28/39 (72%)	24/42 (57%)	19/27 (70%)
FIRST INCIDENCE	461	589	638	37

**STATISTICAL TESTS**

POLY 3	P=0.518	P=0.046*	P=0.516	P=0.351
POLY 1.5	P=0.478N	P=0.040*	P=0.481	P=0.426
POLY 6	P=0.457	P=0.055	P=0.555	P=0.291
COCH-ARM / FISHERS	P=0.136N	P=0.043*	P=0.460	P=0.384N
MAX-ISO-POLY-3	P=0.364	P=0.030*	P=0.431	P=0.289

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

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**Adrenal Cortex: Subcapsular  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	43/49 (88%)	44/50 (88%)	50/50 (100%)	39/50 (78%)
POLY-3 RATE (b)	43/46.99	44/47.72	50/50.00	39/43.40
POLY-3 PERCENT (g)	91.5%	92.2%	100%	89.9%
TERMINAL (d)	33/36 (92%)	36/39 (92%)	42/42 (100%)	23/27 (85%)
FIRST INCIDENCE	397	521	127	72

**STATISTICAL TESTS**

POLY 3	P=0.557N	P=0.606	P=0.039*	P=0.538N
POLY 1.5	P=0.551	P=0.578	P=0.023*	P=0.561N
POLY 6	P=0.487N	P=0.638	P=0.074	P=0.490N
COCH-ARM / FISHERS	P=0.100N	P=0.606	P=0.012*	P=0.154N
MAX-ISO-POLY-3	P=0.283N	P=0.447	P=0.012*	P=0.391N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Adrenal Medulla  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	0/49 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.05	2/45.41	1/46.06	0/34.73
POLY-3 PERCENT (g)	0%	4.4%	2.2%	0%
TERMINAL (d)	0/36 (0%)	2/39 (5%)	1/42 (2%)	0/27 (0%)
FIRST INCIDENCE	---	728 (T)	728 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.514N	P=0.255	P=0.518	(e)
POLY 1.5	P=0.512N	P=0.249	P=0.511	(e)
POLY 6	P=0.513N	P=0.260	P=0.525	(e)
COCH-ARM / FISHERS	P=0.457N	P=0.253	P=0.505	(e)
MAX-ISO-POLY-3	P=0.402	P=0.092	P=0.180	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Blood Vessel: Adventitia  
 Inflammation**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	2/46.69	0/34.73
POLY-3 PERCENT (g)	0%	0%	4.3%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	638	---

**STATISTICAL TESTS**

POLY 3	P=0.445	(e)	P=0.256	(e)
POLY 1.5	P=0.469	(e)	P=0.247	(e)
POLY 6	P=0.425	(e)	P=0.266	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.313	(e)	P=0.094	(e)



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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Bone Marrow  
 Hemorrhage**

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/43.05	0/45.41	0/46.06	2/35.78
POLY-3 PERCENT (g)	2.3%	0%	0%	5.6%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	728 (T)	---	---	489

**STATISTICAL TESTS**

POLY 3	P=0.227	P=0.489N	P=0.487N	P=0.436
POLY 1.5	P=0.228	P=0.494N	P=0.493N	P=0.440
POLY 6	P=0.227	P=0.485N	P=0.480N	P=0.436
COCH-ARM / FISHERS	P=0.246	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.120	P=0.158N	P=0.158N	P=0.247

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Bone Marrow  
 Myelofibrosis**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	1/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/42 (2%)	0/27 (0%)
FIRST INCIDENCE	---	---	728 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.575	(e)	P=0.513	(e)
POLY 1.5	P=0.595	(e)	P=0.507	(e)
POLY 6	P=0.560	(e)	P=0.520	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.436	(e)	P=0.175	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Epididymis  
 Granuloma Sperm**

**LESION RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	1/45.41	2/46.06	0/34.73
POLY-3 PERCENT (g)	0%	2.2%	4.3%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	2/42 (5%)	0/27 (0%)
FIRST INCIDENCE	---	728 (T)	728 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.556	P=0.511	P=0.253	(e)
POLY 1.5	P=0.575	P=0.506	P=0.245	(e)
POLY 6	P=0.543	P=0.515	P=0.261	(e)
COCH-ARM / FISHERS	P=0.616N	P=0.500	P=0.247	(e)
MAX-ISO-POLY-3	P=0.388	P=0.172	P=0.091	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Epididymis  
 Inflammation**

**LESION RATES**

OVERALL (a)	4/50 (8%)	0/50 (0%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	4/43.05	0/45.41	1/46.09	4/34.74
POLY-3 PERCENT (g)	9.3%	0%	2.2%	11.5%
TERMINAL (d)	4/37 (11%)	0/39 (0%)	0/42 (0%)	3/27 (11%)
FIRST INCIDENCE	728 (T)	---	722	726

**STATISTICAL TESTS**

POLY 3	P=0.341	P=0.054N	P=0.159N	P=0.521
POLY 1.5	P=0.345	P=0.057N	P=0.168N	P=0.535
POLY 6	P=0.340	P=0.051N	P=0.149N	P=0.513
COCH-ARM / FISHERS	P=0.387	P=0.059N	P=0.181N	P=0.643N
MAX-ISO-POLY-3	P=0.146	P=0.019N*	P=0.078N	P=0.386

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Eye: Cornea  
 Inflammation

**LESION RATES**

OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/43.80	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	6.9%	0%	0%	0%
TERMINAL (d)	2/37 (5%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	461	---	---	---

**STATISTICAL TESTS**

POLY 3	P=0.040N*	P=0.112N	P=0.110N	P=0.166N
POLY 1.5	P=0.041N*	P=0.116N	P=0.115N	P=0.159N
POLY 6	P=0.039N*	P=0.109N	P=0.105N	P=0.171N
COCH-ARM / FISHERS	P=0.047N*	P=0.121N	P=0.121N	P=0.121N
MAX-ISO-POLY-3	P=0.036N*	P=0.038N*	P=0.038N*	P=0.080N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Harderian Gland: Epithelium  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	2/46.06	0/34.36
POLY-3 PERCENT (g)	0%	0%	4.3%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	2/42 (5%)	0/27 (0%)
FIRST INCIDENCE	---	---	728 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.448	(e)	P=0.253	(e)
POLY 1.5	P=0.468	(e)	P=0.245	(e)
POLY 6	P=0.434	(e)	P=0.261	(e)
COCH-ARM / FISHERS	P=0.591	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.310	(e)	P=0.091	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

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**Heart: Artery  
 Inflammation**

**LESION RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/43.89	0/45.41	2/46.06	0/34.73
POLY-3 PERCENT (g)	4.6%	0%	4.3%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	2/42 (5%)	0/27 (0%)
FIRST INCIDENCE	397	---	728 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.305N	P=0.230N	P=0.676N	P=0.293N
POLY 1.5	P=0.296N	P=0.234N	P=0.686N	P=0.285N
POLY 6	P=0.310N	P=0.225N	P=0.665N	P=0.298N
COCH-ARM / FISHERS	P=0.247N	P=0.247N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.207N	P=0.076N	P=0.480N	P=0.129N

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 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Heart: Myocardium  
 Cardiomyopathy**

**LESION RATES**

OVERALL (a)	10/50 (20%)	12/50 (24%)	7/50 (14%)	28/50 (56%)
POLY-3 RATE (b)	10/44.15	12/46.15	7/47.39	28/42.25
POLY-3 PERCENT (g)	22.7%	26%	14.8%	66.3%
TERMINAL (d)	8/37 (22%)	10/39 (26%)	5/42 (12%)	15/27 (56%)
FIRST INCIDENCE	539	589	127	37

**STATISTICAL TESTS**

POLY 3	P<0.001**	P=0.450	P=0.243N	P<0.001**
POLY 1.5	P<0.001**	P=0.428	P=0.263N	P<0.001**
POLY 6	P<0.001**	P=0.472	P=0.223N	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.405	P=0.298N	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.358	P=0.175N	P<0.001**



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Heart: Myocardium  
 Fibrosis**

**LESION RATES**

OVERALL (a)	0/50 (0%)	3/50 (6%)	3/50 (6%)	13/50 (26%)
POLY-3 RATE (b)	0/43.05	3/45.88	3/47.39	13/37.63
POLY-3 PERCENT (g)	0%	6.5%	6.3%	34.5%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	1/42 (2%)	7/27 (26%)
FIRST INCIDENCE	---	589	127	37

**STATISTICAL TESTS**

POLY 3	P<0.001**	P=0.130	P=0.137	P<0.001**
POLY 1.5	P<0.001**	P=0.125	P=0.130	P<0.001**
POLY 6	P<0.001**	P=0.136	P=0.145	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.121	P=0.121	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.048*	P=0.053	P<0.001**

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

---

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

**Heart: Myocardium  
 Infiltration Cellular Mononuclear Cell**

**LESION RATES**

OVERALL (a)	11/50 (22%)	12/50 (24%)	8/50 (16%)	28/50 (56%)
POLY-3 RATE (b)	11/44.15	12/46.15	8/47.39	28/42.25
POLY-3 PERCENT (g)	24.9%	26%	16.9%	66.3%
TERMINAL (d)	9/37 (24%)	10/39 (26%)	6/42 (14%)	15/27 (56%)
FIRST INCIDENCE	539	589	127	37

**STATISTICAL TESTS**

POLY 3	P<0.001**	P=0.549	P=0.246N	P<0.001**
POLY 1.5	P<0.001**	P=0.525	P=0.268N	P<0.001**
POLY 6	P<0.001**	P=0.572	P=0.225N	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.306N	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.453	P=0.181N	P<0.001**

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Heart: Myocardium  
 Mineralization**

**LESION RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	0/43.05	1/46.10	2/47.06	3/35.70
POLY-3 PERCENT (g)	0%	2.2%	4.3%	8.4%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/42 (2%)	1/27 (4%)
FIRST INCIDENCE	---	495	127	451

**STATISTICAL TESTS**

POLY 3	P=0.039*	P=0.514	P=0.258	P=0.088
POLY 1.5	P=0.040*	P=0.508	P=0.250	P=0.091
POLY 6	P=0.038*	P=0.519	P=0.266	P=0.088
COCH-ARM / FISHERS	P=0.062	P=0.500	P=0.247	P=0.121
MAX-ISO-POLY-3	P=0.060	P=0.175	P=0.095	P=0.037*

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Heart: Myocardium  
 Necrosis**

**LESION RATES**

OVERALL (a)	3/50 (6%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	3/43.05	2/45.41	0/46.06	1/34.73
POLY-3 PERCENT (g)	7%	4.4%	0%	2.9%
TERMINAL (d)	3/37 (8%)	2/39 (5%)	0/42 (0%)	1/27 (4%)
FIRST INCIDENCE	728 (T)	728 (T)	---	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.170N	P=0.476N	P=0.107N	P=0.386N
POLY 1.5	P=0.173N	P=0.487N	P=0.113N	P=0.377N
POLY 6	P=0.166N	P=0.465N	P=0.101N	P=0.392N
COCH-ARM / FISHERS	P=0.163N	P=0.500N	P=0.121N	P=0.309N
MAX-ISO-POLY-3	P=0.193N	P=0.307N	P=0.038N*	P=0.235N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Heart: Myocardium  
 Vacuolization Cytoplasmic

**LESION RATES**

OVERALL (a)	10/50 (20%)	15/50 (30%)	11/50 (22%)	29/50 (58%)
POLY-3 RATE (b)	10/44.30	15/46.15	11/48.15	29/42.25
POLY-3 PERCENT (g)	22.6%	32.5%	22.9%	68.6%
TERMINAL (d)	8/37 (22%)	13/39 (33%)	8/42 (19%)	16/27 (59%)
FIRST INCIDENCE	461	589	127	37

**STATISTICAL TESTS**

POLY 3	P<0.001**	P=0.205	P=0.585	P<0.001**
POLY 1.5	P<0.001**	P=0.190	P=0.553	P<0.001**
POLY 6	P<0.001**	P=0.223	P=0.577N	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.178	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.149	P=0.487	P<0.001**

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Intestine Small, Jejunum: Peyer's Patch  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/43.05	0/45.41	1/46.06	1/34.73
POLY-3 PERCENT (g)	2.3%	0%	2.2%	2.9%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	1/42 (2%)	1/27 (4%)
FIRST INCIDENCE	728 (T)	---	728 (T)	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.465	P=0.489N	P=0.745N	P=0.710
POLY 1.5	P=0.475	P=0.494N	P=0.753N	P=0.716
POLY 6	P=0.457	P=0.485N	P=0.737N	P=0.707
COCH-ARM / FISHERS	P=0.539	P=0.500N	P=0.753N	P=0.753N
MAX-ISO-POLY-3	P=0.494	P=0.158N	P=0.480N	P=0.444

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Islets, Pancreatic  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	32/50 (64%)	35/50 (70%)	39/50 (78%)	21/50 (42%)
POLY-3 RATE (b)	32/46.26	35/46.85	39/47.64	21/37.12
POLY-3 PERCENT (g)	69.2%	74.7%	81.9%	56.6%
TERMINAL (d)	25/37 (68%)	30/39 (77%)	34/42 (81%)	15/27 (56%)
FIRST INCIDENCE	495	533	501	420

**STATISTICAL TESTS**

POLY 3	P=0.177N	P=0.354	P=0.110	P=0.165N
POLY 1.5	P=0.137N	P=0.335	P=0.090	P=0.135N
POLY 6	P=0.205N	P=0.369	P=0.140	P=0.189N
COCH-ARM / FISHERS	P=0.008N**	P=0.335	P=0.093	P=0.022N*
MAX-ISO-POLY-3	P=0.070N	P=0.273	P=0.073	P=0.136N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Kidney  
 Cyst**

**LESION RATES**

OVERALL (a)	7/50 (14%)	8/50 (16%)	11/50 (22%)	11/50 (22%)
POLY-3 RATE (b)	7/43.19	8/45.41	11/46.06	11/36.60
POLY-3 PERCENT (g)	16.2%	17.6%	23.9%	30.1%
TERMINAL (d)	6/37 (16%)	8/39 (21%)	11/42 (26%)	8/27 (30%)
FIRST INCIDENCE	694	728 (T)	728 (T)	4

**STATISTICAL TESTS**

POLY 3	P=0.068	P=0.542	P=0.262	P=0.113
POLY 1.5	P=0.074	P=0.523	P=0.239	P=0.121
POLY 6	P=0.067	P=0.560	P=0.286	P=0.112
COCH-ARM / FISHERS	P=0.155	P=0.500	P=0.218	P=0.218
MAX-ISO-POLY-3	P=0.106	P=0.430	P=0.191	P=0.085



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Kidney  
 Hydronephrosis**

**LESION RATES**

OVERALL (a)	5/50 (10%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	5/43.89	1/45.41	3/46.06	1/35.39
POLY-3 PERCENT (g)	11.4%	2.2%	6.5%	2.8%
TERMINAL (d)	4/37 (11%)	1/39 (3%)	3/42 (7%)	0/27 (0%)
FIRST INCIDENCE	397	728 (T)	728 (T)	506

**STATISTICAL TESTS**

POLY 3	P=0.156N	P=0.093N	P=0.330N	P=0.159N
POLY 1.5	P=0.152N	P=0.098N	P=0.345N	P=0.153N
POLY 6	P=0.158N	P=0.089N	P=0.314N	P=0.162N
COCH-ARM / FISHERS	P=0.114N	P=0.102N	P=0.357N	P=0.102N
MAX-ISO-POLY-3	P=0.127N	P=0.043N*	P=0.215N	P=0.098N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Kidney  
 Infarct**

**LESION RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	1/45.52	1/46.32	0/34.73
POLY-3 PERCENT (g)	0%	2.2%	2.2%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	701	661	---

**STATISTICAL TESTS**

POLY 3	P=0.642N	P=0.511	P=0.515	(e)
POLY 1.5	P=0.639N	P=0.506	P=0.508	(e)
POLY 6	P=0.642N	P=0.516	P=0.522	(e)
COCH-ARM / FISHERS	P=0.595N	P=0.500	P=0.500	(e)
MAX-ISO-POLY-3	P=0.467	P=0.172	P=0.177	(e)

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Kidney  
 Infiltration Cellular Mononuclear Cell**

**LESION RATES**

OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	3/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	6.6%	0%	0%
TERMINAL (d)	0/37 (0%)	3/39 (8%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	728 (T)	---	---

**STATISTICAL TESTS**

POLY 3	P=0.334N	P=0.128	(e)	(e)
POLY 1.5	P=0.339N	P=0.124	(e)	(e)
POLY 6	P=0.327N	P=0.133	(e)	(e)
COCH-ARM / FISHERS	P=0.311N	P=0.121	(e)	(e)
MAX-ISO-POLY-3	P=0.263N	P=0.046*	(e)	(e)

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

**Kidney  
 Inflammation**

**LESION RATES**

OVERALL (a)	4/50 (8%)	2/50 (4%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	4/43.05	2/45.41	4/46.06	1/34.73
POLY-3 PERCENT (g)	9.3%	4.4%	8.7%	2.9%
TERMINAL (d)	4/37 (11%)	2/39 (5%)	4/42 (10%)	1/27 (4%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.272N	P=0.313N	P=0.606N	P=0.251N
POLY 1.5	P=0.262N	P=0.324N	P=0.624N	P=0.242N
POLY 6	P=0.278N	P=0.302N	P=0.586N	P=0.256N
COCH-ARM / FISHERS	P=0.186N	P=0.339N	P=0.643N	P=0.181N
MAX-ISO-POLY-3	P=0.264N	P=0.188N	P=0.461N	P=0.151N

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Kidney  
 Mineralization**

**LESION RATES**

OVERALL (a)	22/50 (44%)	26/50 (52%)	21/50 (42%)	25/50 (50%)
POLY-3 RATE (b)	22/45.90	26/46.57	21/47.40	25/39.96
POLY-3 PERCENT (g)	47.9%	55.8%	44.3%	62.6%
TERMINAL (d)	16/37 (43%)	21/39 (54%)	17/42 (41%)	15/27 (56%)
FIRST INCIDENCE	461	521	451	44

**STATISTICAL TESTS**

POLY 3	P=0.177	P=0.289	P=0.443N	P=0.124
POLY 1.5	P=0.180	P=0.275	P=0.476N	P=0.130
POLY 6	P=0.191	P=0.303	P=0.407N	P=0.133
COCH-ARM / FISHERS	P=0.405	P=0.274	P=0.500N	P=0.344
MAX-ISO-POLY-3	P=0.168	P=0.224	P=0.364N	P=0.098

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Kidney  
 Nephropathy**

**LESION RATES**

OVERALL (a)	45/50 (90%)	42/50 (84%)	44/50 (88%)	37/50 (74%)
POLY-3 RATE (b)	45/47.40	42/47.96	44/48.31	37/39.49
POLY-3 PERCENT (g)	94.9%	87.6%	91.1%	93.7%
TERMINAL (d)	36/37 (97%)	36/39 (92%)	39/42 (93%)	26/27 (96%)
FIRST INCIDENCE	397	495	451	251

**STATISTICAL TESTS**

POLY 3	P=0.552	P=0.159N	P=0.357N	P=0.604N
POLY 1.5	P=0.507N	P=0.219N	P=0.460N	P=0.489N
POLY 6	P=0.548	P=0.117N	P=0.252N	P=0.652N
COCH-ARM / FISHERS	P=0.025N*	P=0.277N	P=0.500N	P=0.033N*
MAX-ISO-POLY-3	P=0.388N	P=0.082N	P=0.215N	P=0.389N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Kidney: Artery  
 Inflammation**

**LESION RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/43.05	0/45.41	2/46.06	0/34.73
POLY-3 PERCENT (g)	4.7%	0%	4.3%	0%
TERMINAL (d)	2/37 (5%)	0/39 (0%)	2/42 (5%)	0/27 (0%)
FIRST INCIDENCE	728 (T)	---	728 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.303N	P=0.225N	P=0.669N	P=0.288N
POLY 1.5	P=0.295N	P=0.231N	P=0.681N	P=0.282N
POLY 6	P=0.309N	P=0.220N	P=0.657N	P=0.292N
COCH-ARM / FISHERS	P=0.247N	P=0.247N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.199N	P=0.076N	P=0.472N	P=0.124N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Liver  
 Angiectasis

**LESION RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	1/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	728 (T)	---	---

**STATISTICAL TESTS**

POLY 3	P=0.554N	P=0.511	(e)	(e)
POLY 1.5	P=0.562N	P=0.506	(e)	(e)
POLY 6	P=0.546N	P=0.515	(e)	(e)
COCH-ARM / FISHERS	P=0.567N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.464N	P=0.172	(e)	(e)



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

Liver  
 Basophilic Focus

**LESION RATES**

OVERALL (a)	3/50 (6%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	3/43.05	1/45.41	1/46.06	3/34.73
POLY-3 PERCENT (g)	7%	2.2%	2.2%	8.6%
TERMINAL (d)	3/37 (8%)	1/39 (3%)	1/42 (2%)	3/27 (11%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.441	P=0.286N	P=0.281N	P=0.560
POLY 1.5	P=0.446	P=0.295N	P=0.293N	P=0.571
POLY 6	P=0.440	P=0.278N	P=0.269N	P=0.552
COCH-ARM / FISHERS	P=0.500	P=0.309N	P=0.309N	P=0.661N
MAX-ISO-POLY-3	P=0.308	P=0.147N	P=0.146N	P=0.401

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Liver  
 Clear Cell Focus

**LESION RATES**

OVERALL (a)	26/50 (52%)	29/50 (58%)	34/50 (68%)	16/50 (32%)
POLY-3 RATE (b)	26/45.61	29/45.41	34/46.92	16/36.11
POLY-3 PERCENT (g)	57%	63.9%	72.5%	44.3%
TERMINAL (d)	22/37 (60%)	29/39 (74%)	32/42 (76%)	13/27 (48%)
FIRST INCIDENCE	461	728 (T)	533	506

**STATISTICAL TESTS**

POLY 3	P=0.215N	P=0.321	P=0.084	P=0.178N
POLY 1.5	P=0.175N	P=0.323	P=0.073	P=0.149N
POLY 6	P=0.234N	P=0.314	P=0.102	P=0.196N
COCH-ARM / FISHERS	P=0.019N*	P=0.344	P=0.076	P=0.034N*
MAX-ISO-POLY-3	P=0.076N	P=0.248	P=0.057	P=0.149N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

Liver  
 Eosinophilic Focus

**LESION RATES**

OVERALL (a)	26/50 (52%)	28/50 (56%)	27/50 (54%)	27/50 (54%)
POLY-3 RATE (b)	26/45.69	28/46.20	27/47.54	27/37.26
POLY-3 PERCENT (g)	56.9%	60.6%	56.8%	72.5%
TERMINAL (d)	21/37 (57%)	24/39 (62%)	23/42 (55%)	21/27 (78%)
FIRST INCIDENCE	495	631	533	506

**STATISTICAL TESTS**

POLY 3	P=0.120	P=0.440	P=0.579N	P=0.102
POLY 1.5	P=0.141	P=0.422	P=0.538	P=0.132
POLY 6	P=0.117	P=0.461	P=0.521N	P=0.090
COCH-ARM / FISHERS	P=0.500	P=0.421	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.156	P=0.357	P=0.495N	P=0.085

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Liver  
 Infarct

**LESION RATES**

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/43.73	2/45.68	0/46.06	2/35.87
POLY-3 PERCENT (g)	2.3%	4.4%	0%	5.6%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	499	656	---	522

**STATISTICAL TESTS**

POLY 3	P=0.425	P=0.515	P=0.490N	P=0.432
POLY 1.5	P=0.425	P=0.508	P=0.495N	P=0.437
POLY 6	P=0.427	P=0.523	P=0.484N	P=0.430
COCH-ARM / FISHERS	P=0.470	P=0.500	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.356	P=0.297	P=0.158N	P=0.246

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Liver  
 Inflammation**

**LESION RATES**

OVERALL (a)	5/50 (10%)	3/50 (6%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	5/43.73	3/45.41	5/46.67	5/34.92
POLY-3 PERCENT (g)	11.4%	6.6%	10.7%	14.3%
TERMINAL (d)	4/37 (11%)	3/39 (8%)	4/42 (10%)	4/27 (15%)
FIRST INCIDENCE	499	728 (T)	533	678

**STATISTICAL TESTS**

POLY 3	P=0.331	P=0.336N	P=0.589N	P=0.484
POLY 1.5	P=0.345	P=0.346N	P=0.609N	P=0.502
POLY 6	P=0.325	P=0.326N	P=0.567N	P=0.473
COCH-ARM / FISHERS	P=0.467	P=0.357N	P=0.630N	P=0.630N
MAX-ISO-POLY-3	P=0.413	P=0.218N	P=0.457N	P=0.366

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Liver  
 Mixed Cell Focus

**LESION RATES**

OVERALL (a)	9/50 (18%)	9/50 (18%)	9/50 (18%)	7/50 (14%)
POLY-3 RATE (b)	9/43.19	9/45.41	9/46.06	7/34.92
POLY-3 PERCENT (g)	20.8%	19.8%	19.5%	20.1%
TERMINAL (d)	8/37 (22%)	9/39 (23%)	9/42 (21%)	6/27 (22%)
FIRST INCIDENCE	694	728 (T)	728 (T)	678

**STATISTICAL TESTS**

POLY 3	P=0.510N	P=0.557N	P=0.544N	P=0.577N
POLY 1.5	P=0.493N	P=0.578N	P=0.572N	P=0.556N
POLY 6	P=0.516N	P=0.538N	P=0.514N	P=0.588N
COCH-ARM / FISHERS	P=0.328N	P=0.602N	P=0.602N	P=0.393N
MAX-ISO-POLY-3	P=0.701N	P=0.452N	P=0.440N	P=0.468N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Liver  
 Tension Lipidosis

**LESION RATES**

OVERALL (a)	9/50 (18%)	1/50 (2%)	3/50 (6%)	6/50 (12%)
POLY-3 RATE (b)	9/43.80	1/45.41	3/46.06	6/36.23
POLY-3 PERCENT (g)	20.6%	2.2%	6.5%	16.6%
TERMINAL (d)	8/37 (22%)	1/39 (3%)	3/42 (7%)	4/27 (15%)
FIRST INCIDENCE	461	728 (T)	728 (T)	420

**STATISTICAL TESTS**

POLY 3	P=0.476N	P=0.006N**	P=0.048N*	P=0.434N
POLY 1.5	P=0.473N	P=0.007N**	P=0.054N	P=0.423N
POLY 6	P=0.476N	P=0.006N**	P=0.042N*	P=0.439N
COCH-ARM / FISHERS	P=0.419N	P=0.008N**	P=0.061N	P=0.288N
MAX-ISO-POLY-3	P=0.083N	P=0.003N**	P=0.027N*	P=0.339N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Liver  
 Thrombosis**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/43.05	0/45.41	2/46.06	1/35.02
POLY-3 PERCENT (g)	0%	0%	4.3%	2.9%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	2/42 (5%)	0/27 (0%)
FIRST INCIDENCE	---	---	728 (T)	648

**STATISTICAL TESTS**

POLY 3	P=0.163	(e)	P=0.253	P=0.459
POLY 1.5	P=0.173	(e)	P=0.245	P=0.463
POLY 6	P=0.157	(e)	P=0.261	P=0.458
COCH-ARM / FISHERS	P=0.245	(e)	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.230	(e)	P=0.091	P=0.158



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

**Liver: Centrilobular  
 Degeneration**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	3/36.44
POLY-3 PERCENT (g)	0%	0%	0%	8.2%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	420

**STATISTICAL TESTS**

POLY 3	P=0.009**	(e)	(e)	P=0.091
POLY 1.5	P=0.009**	(e)	(e)	P=0.092
POLY 6	P=0.009**	(e)	(e)	P=0.092
COCH-ARM / FISHERS	P=0.012*	(e)	(e)	P=0.121
MAX-ISO-POLY-3	P=0.009**	(e)	(e)	P=0.037*

---

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Liver: Hepatocyte  
 Necrosis**

**LESION RATES**

OVERALL (a)	3/50 (6%)	2/50 (4%)	10/50 (20%)	2/50 (4%)
POLY-3 RATE (b)	3/43.14	2/46.05	10/46.36	2/34.93
POLY-3 PERCENT (g)	7%	4.3%	21.6%	5.7%
TERMINAL (d)	2/37 (5%)	1/39 (3%)	9/42 (21%)	1/27 (4%)
FIRST INCIDENCE	707	521	648	674

**STATISTICAL TESTS**

POLY 3	P=0.313	P=0.470N	P=0.046*	P=0.595N
POLY 1.5	P=0.343	P=0.484N	P=0.040*	P=0.585N
POLY 6	P=0.294	P=0.458N	P=0.054	P=0.600N
COCH-ARM / FISHERS	P=0.551	P=0.500N	P=0.036*	P=0.500N
MAX-ISO-POLY-3	P=0.190	P=0.303N	P=0.028*	P=0.420N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Liver: Hepatocyte  
 Vacuolization Cytoplasmic Diffuse

**LESION RATES**

OVERALL (a)	14/50 (28%)	11/50 (22%)	12/50 (24%)	13/50 (26%)
POLY-3 RATE (b)	14/45.09	11/46.93	12/47.75	13/38.85
POLY-3 PERCENT (g)	31.1%	23.4%	25.1%	33.5%
TERMINAL (d)	11/37 (30%)	8/39 (21%)	9/42 (21%)	6/27 (22%)
FIRST INCIDENCE	397	521	451	226

**STATISTICAL TESTS**

POLY 3	P=0.398	P=0.279N	P=0.344N	P=0.499
POLY 1.5	P=0.402	P=0.302N	P=0.377N	P=0.503
POLY 6	P=0.399	P=0.256N	P=0.309N	P=0.503
COCH-ARM / FISHERS	P=0.522N	P=0.322N	P=0.410N	P=0.500N
MAX-ISO-POLY-3	P=0.421	P=0.211N	P=0.269N	P=0.411

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

Liver: Oval Cell  
 Hyperplasia

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	2/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	4.3%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	2/42 (5%)	0/27 (0%)
FIRST INCIDENCE	---	---	728 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.446	(e)	P=0.253	(e)
POLY 1.5	P=0.470	(e)	P=0.245	(e)
POLY 6	P=0.428	(e)	P=0.261	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.310	(e)	P=0.091	(e)

---

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Liver: Serosa  
 Inflammation

**LESION RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	1/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	728 (T)	---	---

**STATISTICAL TESTS**

POLY 3	P=0.554N	P=0.511	(e)	(e)
POLY 1.5	P=0.562N	P=0.506	(e)	(e)
POLY 6	P=0.546N	P=0.515	(e)	(e)
COCH-ARM / FISHERS	P=0.567N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.464N	P=0.172	(e)	(e)

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Lung  
 Inflammation**

**LESION RATES**

OVERALL (a)	3/50 (6%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/43.65	3/45.87	0/46.06	0/34.73
POLY-3 PERCENT (g)	6.9%	6.5%	0%	0%
TERMINAL (d)	2/37 (5%)	1/39 (3%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	539	631	---	---

**STATISTICAL TESTS**

POLY 3	P=0.039N*	P=0.639N	P=0.109N	P=0.165N
POLY 1.5	P=0.039N*	P=0.650N	P=0.114N	P=0.159N
POLY 6	P=0.038N*	P=0.628N	P=0.105N	P=0.170N
COCH-ARM / FISHERS	P=0.034N*	P=0.661N	P=0.121N	P=0.121N
MAX-ISO-POLY-3	P=0.060N	P=0.475N	P=0.038N*	P=0.079N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Lung: Alveolar Epithelium  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	2/50 (4%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	2/43.05	1/45.48	3/46.06	2/34.76
POLY-3 PERCENT (g)	4.7%	2.2%	6.5%	5.8%
TERMINAL (d)	2/37 (5%)	0/39 (0%)	3/42 (7%)	1/27 (4%)
FIRST INCIDENCE	728 (T)	712	728 (T)	720

**STATISTICAL TESTS**

POLY 3	P=0.384	P=0.481N	P=0.531	P=0.614
POLY 1.5	P=0.398	P=0.490N	P=0.516	P=0.623
POLY 6	P=0.375	P=0.472N	P=0.547	P=0.609
COCH-ARM / FISHERS	P=0.500	P=0.500N	P=0.500	P=0.691N
MAX-ISO-POLY-3	P=0.495	P=0.270N	P=0.356	P=0.420

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Lung: Alveolus  
 Infiltration Cellular Histiocyte

**LESION RATES**

OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/43.39	1/45.48	0/46.06	0/34.73
POLY-3 PERCENT (g)	6.9%	2.2%	0%	0%
TERMINAL (d)	2/37 (5%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	633	712	---	---

**STATISTICAL TESTS**

POLY 3	P=0.043N*	P=0.289N	P=0.108N	P=0.164N
POLY 1.5	P=0.044N*	P=0.296N	P=0.113N	P=0.158N
POLY 6	P=0.042N*	P=0.282N	P=0.103N	P=0.168N
COCH-ARM / FISHERS	P=0.044N*	P=0.309N	P=0.121N	P=0.121N
MAX-ISO-POLY-3	P=0.065N	P=0.148N	P=0.038N*	P=0.078N



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Lymph Node, Mandibular  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/43.05	1/45.41	0/46.06	2/34.76
POLY-3 PERCENT (g)	2.3%	2.2%	0%	5.8%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	0/42 (0%)	1/27 (4%)
FIRST INCIDENCE	728 (T)	728 (T)	---	720

**STATISTICAL TESTS**

POLY 3	P=0.333	P=0.749N	P=0.487N	P=0.426
POLY 1.5	P=0.334	P=0.754N	P=0.493N	P=0.434
POLY 6	P=0.333	P=0.743N	P=0.480N	P=0.421
COCH-ARM / FISHERS	P=0.366	P=0.753N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.233	P=0.484N	P=0.158N	P=0.243

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Lymph Node, Mesenteric Hemorrhage**

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/49 (4%)
POLY-3 RATE (b)	1/43.05	0/45.41	0/46.06	2/35.09
POLY-3 PERCENT (g)	2.3%	0%	0%	5.7%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	728 (T)	---	---	630

**STATISTICAL TESTS**

POLY 3	P=0.223	P=0.489N	P=0.487N	P=0.429
POLY 1.5	P=0.224	P=0.494N	P=0.493N	P=0.436
POLY 6	P=0.223	P=0.485N	P=0.480N	P=0.427
COCH-ARM / FISHERS	P=0.241	P=0.500N	P=0.500N	P=0.492
MAX-ISO-POLY-3	P=0.116	P=0.158N	P=0.158N	P=0.243

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Mesentery  
 Inflammation**

**LESION RATES**

OVERALL (a)	0/5 (0%)	0/8 (0%)	3/11 (27%)	1/1 (100%)
POLY-3 RATE (b)	0/4.39	0/7.05	3/10.24	1/1.00
POLY-3 PERCENT (g)	0%	0%	29.3%	100%
TERMINAL (d)	0/4 (0%)	0/6 (0%)	2/9 (22%)	1/1 (100%)
FIRST INCIDENCE	---	---	648	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.011*	(e)	P=0.290	P<0.001**
POLY 1.5	P=0.010**	(e)	P=0.282	P<0.001**
POLY 6	P=0.013*	(e)	P=0.301	P<0.001**
COCH-ARM / FISHERS	P=0.019*	(e)	P=0.295	P=0.167
MAX-ISO-POLY-3	P=0.016*	(e)	P=0.148	P<0.001**

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Mesentery  
 Necrosis**

**LESION RATES**

OVERALL (a)	4/5 (80%)	7/8 (88%)	7/11 (64%)	0/1 (0%)
POLY-3 RATE (b)	4/5.00	7/7.31	7/9.94	0/1.00
POLY-3 PERCENT (g)	80%	95.7%	70.4%	0%
TERMINAL (d)	3/4 (75%)	6/6 (100%)	7/9 (78%)	0/1 (0%)
FIRST INCIDENCE	533	656	728 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.112N	P=0.526	P=0.588N	P=0.342N
POLY 1.5	P=0.111N	P=0.585	P=0.542N	P=0.342N
POLY 6	P=0.119N	P=0.462	P=0.639N	P=0.342N
COCH-ARM / FISHERS	P=0.118N	P=0.641	P=0.484N	P=0.333N
MAX-ISO-POLY-3	P=0.067N	P=0.197	P=0.363N	P=0.103N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

**Nose  
 Inflammation**

**LESION RATES**

OVERALL (a)	8/50 (16%)	3/50 (6%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	8/43.79	3/45.42	2/46.36	3/34.93
POLY-3 PERCENT (g)	18.3%	6.6%	4.3%	8.6%
TERMINAL (d)	6/37 (16%)	2/39 (5%)	1/42 (2%)	1/27 (4%)
FIRST INCIDENCE	533	727	648	678

**STATISTICAL TESTS**

POLY 3	P=0.102N	P=0.087N	P=0.036N*	P=0.186N
POLY 1.5	P=0.101N	P=0.092N	P=0.041N*	P=0.173N
POLY 6	P=0.101N	P=0.082N	P=0.032N*	P=0.194N
COCH-ARM / FISHERS	P=0.079N	P=0.100N	P=0.046N*	P=0.100N
MAX-ISO-POLY-3	P=0.088N	P=0.048N*	P=0.019N*	P=0.135N

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Nose: Respiratory Epithelium  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/43.05	0/45.41	1/46.06	0/34.73
POLY-3 PERCENT (g)	2.3%	0%	2.2%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	1/42 (2%)	0/27 (0%)
FIRST INCIDENCE	728 (T)	---	728 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.437N	P=0.489N	P=0.745N	P=0.542N
POLY 1.5	P=0.433N	P=0.494N	P=0.753N	P=0.538N
POLY 6	P=0.439N	P=0.485N	P=0.737N	P=0.545N
COCH-ARM / FISHERS	P=0.405N	P=0.500N	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.339N	P=0.158N	P=0.480N	P=0.210N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Pancreas  
 Basophilic Focus**

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/43.05	0/45.41	0/46.06	1/34.73
POLY-3 PERCENT (g)	2.3%	0%	0%	2.9%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/42 (0%)	1/27 (4%)
FIRST INCIDENCE	728 (T)	---	---	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.563	P=0.489N	P=0.487N	P=0.710
POLY 1.5	P=0.567	P=0.494N	P=0.493N	P=0.716
POLY 6	P=0.561	P=0.485N	P=0.480N	P=0.707
COCH-ARM / FISHERS	P=0.595	P=0.500N	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.370	P=0.158N	P=0.158N	P=0.444

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

**Pancreas: Acinus  
 Atrophy**

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/43.05	0/45.41	1/46.36	1/34.73
POLY-3 PERCENT (g)	2.3%	0%	2.2%	2.9%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/42 (0%)	1/27 (4%)
FIRST INCIDENCE	728 (T)	---	648	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.465	P=0.489N	P=0.744N	P=0.710
POLY 1.5	P=0.475	P=0.494N	P=0.752N	P=0.716
POLY 6	P=0.457	P=0.485N	P=0.735N	P=0.707
COCH-ARM / FISHERS	P=0.539	P=0.500N	P=0.753N	P=0.753N
MAX-ISO-POLY-3	P=0.494	P=0.158N	P=0.479N	P=0.444

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Pancreas: Acinus  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	8/50 (16%)	4/50 (8%)	13/50 (26%)	2/50 (4%)
POLY-3 RATE (b)	8/43.05	4/45.76	13/46.06	2/34.92
POLY-3 PERCENT (g)	18.6%	8.7%	28.2%	5.7%
TERMINAL (d)	8/37 (22%)	3/39 (8%)	13/42 (31%)	1/27 (4%)
FIRST INCIDENCE	728 (T)	631	728 (T)	678

**STATISTICAL TESTS**

POLY 3	P=0.288N	P=0.147N	P=0.205	P=0.089N
POLY 1.5	P=0.262N	P=0.161N	P=0.183	P=0.084N
POLY 6	P=0.304N	P=0.135N	P=0.231	P=0.091N
COCH-ARM / FISHERS	P=0.124N	P=0.178N	P=0.163	P=0.046N*
MAX-ISO-POLY-3	P=0.137N	P=0.094N	P=0.149	P=0.062N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Pancreas: Duct  
 Cyst**

**LESION RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	0/43.05	2/45.41	2/46.06	2/35.43
POLY-3 PERCENT (g)	0%	4.4%	4.3%	5.7%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	2/42 (5%)	1/27 (4%)
FIRST INCIDENCE	---	728 (T)	728 (T)	486

**STATISTICAL TESTS**

POLY 3	P=0.171	P=0.249	P=0.253	P=0.196
POLY 1.5	P=0.176	P=0.244	P=0.245	P=0.200
POLY 6	P=0.169	P=0.255	P=0.261	P=0.195
COCH-ARM / FISHERS	P=0.242	P=0.247	P=0.247	P=0.247
MAX-ISO-POLY-3	P=0.193	P=0.088	P=0.091	P=0.075

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Parathyroid Gland  
 Cyst**

**LESION RATES**

OVERALL (a)	1/47 (2%)	0/33 (0%)	0/45 (0%)	2/46 (4%)
POLY-3 RATE (b)	1/40.05	0/30.72	0/41.83	2/30.92
POLY-3 PERCENT (g)	2.5%	0%	0%	6.5%
TERMINAL (d)	1/34 (3%)	0/26 (0%)	0/38 (0%)	2/24 (8%)
FIRST INCIDENCE	728 (T)	---	---	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.243	P=0.553N	P=0.491N	P=0.411
POLY 1.5	P=0.244	P=0.559N	P=0.499N	P=0.420
POLY 6	P=0.244	P=0.548N	P=0.483N	P=0.406
COCH-ARM / FISHERS	P=0.269	P=0.587N	P=0.511N	P=0.492
MAX-ISO-POLY-3	P=0.134	P=0.199N	P=0.161N	P=0.235

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

**Pituitary Gland: Pars Distalis  
 Angiectasis**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.05	0/44.41	0/45.06	0/33.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/38 (0%)	0/41 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Pituitary Gland: Pars Distalis  
 Cyst**

**LESION RATES**

OVERALL (a)	6/50 (12%)	1/49 (2%)	3/49 (6%)	3/49 (6%)
POLY-3 RATE (b)	6/43.73	1/44.41	3/45.06	3/33.73
POLY-3 PERCENT (g)	13.7%	2.3%	6.7%	8.9%
TERMINAL (d)	5/37 (14%)	1/38 (3%)	3/41 (7%)	3/26 (12%)
FIRST INCIDENCE	499	728 (T)	728 (T)	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.374N	P=0.053N	P=0.227N	P=0.384N
POLY 1.5	P=0.367N	P=0.056N	P=0.240N	P=0.366N
POLY 6	P=0.377N	P=0.050N*	P=0.213N	P=0.398N
COCH-ARM / FISHERS	P=0.305N	P=0.059N	P=0.254N	P=0.254N
MAX-ISO-POLY-3	P=0.213N	P=0.023N*	P=0.140N	P=0.282N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Pituitary Gland: Pars Distalis  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	20/50 (40%)	5/49 (10%)	17/49 (35%)	5/49 (10%)
POLY-3 RATE (b)	20/43.80	5/44.83	17/45.06	5/34.89
POLY-3 PERCENT (g)	45.7%	11.2%	37.7%	14.3%
TERMINAL (d)	19/37 (51%)	2/38 (5%)	17/41 (42%)	3/26 (12%)
FIRST INCIDENCE	461	631	728 (T)	251

**STATISTICAL TESTS**

POLY 3	P=0.025N*	P<0.001N**	P=0.292N	P=0.002N**
POLY 1.5	P=0.021N*	P<0.001N**	P=0.331N	P=0.002N**
POLY 6	P=0.028N*	P<0.001N**	P=0.251N	P=0.002N**
COCH-ARM / FISHERS	P=0.007N**	P<0.001N**	P=0.368N	P<0.001N**
MAX-ISO-POLY-3	P=0.004N**	P<0.001N**	P=0.227N	P=0.002N**

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

**Preputial Gland  
 Inflammation**

**LESION RATES**

OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/43.05	3/45.41	2/46.06	1/34.73
POLY-3 PERCENT (g)	4.7%	6.6%	4.3%	2.9%
TERMINAL (d)	2/37 (5%)	3/39 (8%)	2/42 (5%)	1/27 (4%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.387N	P=0.524	P=0.669N	P=0.574N
POLY 1.5	P=0.382N	P=0.513	P=0.681N	P=0.566N
POLY 6	P=0.388N	P=0.535	P=0.657N	P=0.579N
COCH-ARM / FISHERS	P=0.313N	P=0.500	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.498N	P=0.349	P=0.472N	P=0.359N

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Preputial Gland: Duct  
 Ectasia

**LESION RATES**

OVERALL (a)	3/50 (6%)	4/50 (8%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	3/43.14	4/45.79	0/46.06	1/34.73
POLY-3 PERCENT (g)	7%	8.7%	0%	2.9%
TERMINAL (d)	2/37 (5%)	2/39 (5%)	0/42 (0%)	1/27 (4%)
FIRST INCIDENCE	707	656	---	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.126N	P=0.533	P=0.107N	P=0.386N
POLY 1.5	P=0.128N	P=0.517	P=0.113N	P=0.377N
POLY 6	P=0.123N	P=0.548	P=0.102N	P=0.393N
COCH-ARM / FISHERS	P=0.111N	P=0.500	P=0.121N	P=0.309N
MAX-ISO-POLY-3	P=0.188N	P=0.380	P=0.038N*	P=0.235N



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Prostate  
 Inflammation**

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	1/43.05	0/45.41	2/46.06	3/35.73
POLY-3 PERCENT (g)	2.3%	0%	4.3%	8.4%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	2/42 (5%)	2/27 (7%)
FIRST INCIDENCE	728 (T)	---	728 (T)	72

**STATISTICAL TESTS**

POLY 3	P=0.072	P=0.489N	P=0.524	P=0.242
POLY 1.5	P=0.076	P=0.494N	P=0.512	P=0.249
POLY 6	P=0.070	P=0.485N	P=0.536	P=0.238
COCH-ARM / FISHERS	P=0.104	P=0.500N	P=0.500	P=0.309
MAX-ISO-POLY-3	P=0.099	P=0.158N	P=0.306	P=0.133

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Prostate: Epithelium  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	16/50 (32%)	4/50 (8%)	3/50 (6%)	6/50 (12%)
POLY-3 RATE (b)	16/43.66	4/45.88	3/46.06	6/35.39
POLY-3 PERCENT (g)	36.7%	8.7%	6.5%	17%
TERMINAL (d)	15/37 (41%)	3/39 (8%)	3/42 (7%)	5/27 (19%)
FIRST INCIDENCE	533	589	728 (T)	506

**STATISTICAL TESTS**

POLY 3	P=0.020N*	P<0.001N**	P<0.001N**	P=0.044N*
POLY 1.5	P=0.020N*	P<0.001N**	P<0.001N**	P=0.040N*
POLY 6	P=0.020N*	P<0.001N**	P<0.001N**	P=0.046N*
COCH-ARM / FISHERS	P=0.016N*	P=0.003N**	P<0.001N**	P=0.014N*
MAX-ISO-POLY-3	P=0.004N**	P<0.001N**	P<0.001N**	P=0.037N*

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Skin: Site of Application - Dermis  
 Fibrosis

**LESION RATES**

OVERALL (a)	6/50 (12%)	1/50 (2%)	2/50 (4%)	25/50 (50%)
POLY-3 RATE (b)	6/43.66	1/45.41	2/46.67	25/40.70
POLY-3 PERCENT (g)	13.7%	2.2%	4.3%	61.4%
TERMINAL (d)	5/37 (14%)	1/39 (3%)	1/42 (2%)	15/27 (56%)
FIRST INCIDENCE	533	728 (T)	533	4

**STATISTICAL TESTS**

POLY 3	P<0.001**	P=0.049N*	P=0.112N	P<0.001**
POLY 1.5	P<0.001**	P=0.053N	P=0.122N	P<0.001**
POLY 6	P<0.001**	P=0.047N*	P=0.103N	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.056N	P=0.134N	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.022N*	P=0.062N	P<0.001**

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Skin: Site of Application - Dermis  
 Inflammation

**LESION RATES**

OVERALL (a)	3/50 (6%)	1/50 (2%)	3/50 (6%)	13/50 (26%)
POLY-3 RATE (b)	3/43.66	1/45.41	3/46.67	13/38.29
POLY-3 PERCENT (g)	6.9%	2.2%	6.4%	34%
TERMINAL (d)	2/37 (5%)	1/39 (3%)	2/42 (5%)	6/27 (22%)
FIRST INCIDENCE	533	728 (T)	533	123

**STATISTICAL TESTS**

POLY 3	P<0.001**	P=0.291N	P=0.631N	P=0.002**
POLY 1.5	P<0.001**	P=0.298N	P=0.646N	P=0.002**
POLY 6	P<0.001**	P=0.285N	P=0.615N	P=0.002**
COCH-ARM / FISHERS	P<0.001**	P=0.309N	P=0.661N	P=0.006**
MAX-ISO-POLY-3	P<0.001**	P=0.149N	P=0.467N	P<0.001**

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Skin: Site of Application - Epidermis  
 Hyperplasia

**LESION RATES**

OVERALL (a)	8/50 (16%)	1/50 (2%)	4/50 (8%)	28/50 (56%)
POLY-3 RATE (b)	8/43.74	1/45.41	4/46.67	28/41.57
POLY-3 PERCENT (g)	18.3%	2.2%	8.6%	67.4%
TERMINAL (d)	6/37 (16%)	1/39 (3%)	3/42 (7%)	16/27 (59%)
FIRST INCIDENCE	533	728 (T)	533	44

**STATISTICAL TESTS**

POLY 3	P<0.001**	P=0.013N*	P=0.146N	P<0.001**
POLY 1.5	P<0.001**	P=0.014N*	P=0.161N	P<0.001**
POLY 6	P<0.001**	P=0.012N*	P=0.133N	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.015N*	P=0.178N	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.005N**	P=0.093N	P<0.001**

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Skin: Site of Application - Epidermis  
 Ulcer

**LESION RATES**

OVERALL (a)	3/50 (6%)	1/50 (2%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	3/43.66	1/45.41	1/46.67	4/34.76
POLY-3 PERCENT (g)	6.9%	2.2%	2.1%	11.5%
TERMINAL (d)	2/37 (5%)	1/39 (3%)	0/42 (0%)	3/27 (11%)
FIRST INCIDENCE	533	728 (T)	533	720

**STATISTICAL TESTS**

POLY 3	P=0.255	P=0.291N	P=0.282N	P=0.378
POLY 1.5	P=0.258	P=0.298N	P=0.293N	P=0.393
POLY 6	P=0.255	P=0.285N	P=0.270N	P=0.367
COCH-ARM / FISHERS	P=0.302	P=0.309N	P=0.309N	P=0.500
MAX-ISO-POLY-3	P=0.148	P=0.149N	P=0.146N	P=0.263

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Spleen  
 Atrophy**

**LESION RATES**

OVERALL (a)	3/50 (6%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/43.19	1/45.41	1/46.06	1/35.73
POLY-3 PERCENT (g)	7%	2.2%	2.2%	2.8%
TERMINAL (d)	2/37 (5%)	1/39 (3%)	1/42 (2%)	0/27 (0%)
FIRST INCIDENCE	694	728 (T)	728 (T)	20

**STATISTICAL TESTS**

POLY 3	P=0.267N	P=0.287N	P=0.282N	P=0.376N
POLY 1.5	P=0.266N	P=0.296N	P=0.293N	P=0.367N
POLY 6	P=0.267N	P=0.280N	P=0.272N	P=0.382N
COCH-ARM / FISHERS	P=0.242N	P=0.309N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.272N	P=0.147N	P=0.146N	P=0.225N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Spleen  
 Hematopoietic Cell Proliferation**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/43.05	0/45.41	1/46.06	1/35.02
POLY-3 PERCENT (g)	0%	0%	2.2%	2.9%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/42 (2%)	0/27 (0%)
FIRST INCIDENCE	---	---	728 (T)	648

**STATISTICAL TESTS**

POLY 3	P=0.176	(e)	P=0.513	P=0.459
POLY 1.5	P=0.183	(e)	P=0.507	P=0.463
POLY 6	P=0.172	(e)	P=0.520	P=0.458
COCH-ARM / FISHERS	P=0.235	(e)	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.255	(e)	P=0.175	P=0.158



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

**Spleen  
 Hyperplasia Lymphoid**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Spleen  
 Infiltration Cellular Plasma Cell**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Stomach, Forestomach  
 Inflammation**

**LESION RATES**

OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/43.19	3/46.56	0/46.06	2/36.68
POLY-3 PERCENT (g)	2.3%	6.4%	0%	5.5%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	694	533	---	72

**STATISTICAL TESTS**

POLY 3	P=0.513	P=0.333	P=0.487N	P=0.443
POLY 1.5	P=0.513	P=0.320	P=0.493N	P=0.449
POLY 6	P=0.514	P=0.345	P=0.481N	P=0.439
COCH-ARM / FISHERS	P=0.556	P=0.309	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.402	P=0.182	P=0.158N	P=0.251

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Stomach, Forestomach  
 Ulcer**

**LESION RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	7/50 (14%)
POLY-3 RATE (b)	1/43.05	1/46.02	1/46.06	7/39.19
POLY-3 PERCENT (g)	2.3%	2.2%	2.2%	17.9%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	1/42 (2%)	1/27 (4%)
FIRST INCIDENCE	728 (T)	533	728 (T)	123

**STATISTICAL TESTS**

POLY 3	P=0.002**	P=0.746N	P=0.745N	P=0.021*
POLY 1.5	P=0.002**	P=0.752N	P=0.753N	P=0.020*
POLY 6	P=0.002**	P=0.739N	P=0.737N	P=0.021*
COCH-ARM / FISHERS	P=0.003**	P=0.753N	P=0.753N	P=0.030*
MAX-ISO-POLY-3	P=0.003**	P=0.481N	P=0.480N	P=0.010**

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Stomach, Forestomach: Epithelium  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	0/50 (0%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/43.05	3/46.56	1/46.06	2/35.72
POLY-3 PERCENT (g)	0%	6.4%	2.2%	5.6%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/42 (2%)	0/27 (0%)
FIRST INCIDENCE	---	533	728 (T)	251

**STATISTICAL TESTS**

POLY 3	P=0.269	P=0.133	P=0.513	P=0.198
POLY 1.5	P=0.273	P=0.127	P=0.507	P=0.202
POLY 6	P=0.269	P=0.141	P=0.520	P=0.196
COCH-ARM / FISHERS	P=0.337	P=0.121	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.191	P=0.050*	P=0.175	P=0.075

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Stomach, Glandular  
 Erosion**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	4/50 (8%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	4/37.57
POLY-3 PERCENT (g)	0%	0%	0%	10.7%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	44

**STATISTICAL TESTS**

POLY 3	P=0.002**	(e)	(e)	P=0.044*
POLY 1.5	P=0.002**	(e)	(e)	P=0.046*
POLY 6	P=0.002**	(e)	(e)	P=0.044*
COCH-ARM / FISHERS	P=0.003**	(e)	(e)	P=0.059
MAX-ISO-POLY-3	P=0.002**	(e)	(e)	P=0.019*

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

**Stomach, Glandular  
 Mineralization**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Stomach, Glandular: Epithelium  
 Hyperplasia

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

Stomach, Glandular: Glands  
 Cyst

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Stomach, Glandular: Glands  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	1/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/42 (2%)	0/27 (0%)
FIRST INCIDENCE	---	---	728 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.575	(e)	P=0.513	(e)
POLY 1.5	P=0.595	(e)	P=0.507	(e)
POLY 6	P=0.560	(e)	P=0.520	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.436	(e)	P=0.175	(e)

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Testes: Germinal Epithelium  
 Degeneration

**LESION RATES**

OVERALL (a)	11/50 (22%)	7/50 (14%)	6/50 (12%)	9/50 (18%)
POLY-3 RATE (b)	11/44.69	7/47.06	6/46.39	9/34.73
POLY-3 PERCENT (g)	24.6%	14.9%	12.9%	25.9%
TERMINAL (d)	8/37 (22%)	3/39 (8%)	5/42 (12%)	9/27 (33%)
FIRST INCIDENCE	539	495	638	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.515	P=0.181N	P=0.122N	P=0.550
POLY 1.5	P=0.538	P=0.197N	P=0.132N	P=0.589
POLY 6	P=0.499	P=0.168N	P=0.112N	P=0.515
COCH-ARM / FISHERS	P=0.411N	P=0.218N	P=0.143N	P=0.402N
MAX-ISO-POLY-3	P=0.336	P=0.126N	P=0.079N	P=0.452

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Thymus  
 Hyperplasia Lymphoid**

**LESION RATES**

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/47 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/42.14	0/45.02	0/43.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/39 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Thyroid Gland: Follicle  
 Cyst**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	2/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	4.3%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	2/42 (5%)	0/27 (0%)
FIRST INCIDENCE	---	---	728 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.446	(e)	P=0.253	(e)
POLY 1.5	P=0.470	(e)	P=0.245	(e)
POLY 6	P=0.428	(e)	P=0.261	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.310	(e)	P=0.091	(e)

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Thyroid Gland: Follicular Cell  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	2/34.73
POLY-3 PERCENT (g)	0%	0%	0%	5.8%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	2/27 (7%)
FIRST INCIDENCE	---	---	---	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.039*	(e)	(e)	P=0.193
POLY 1.5	P=0.039*	(e)	(e)	P=0.197
POLY 6	P=0.039*	(e)	(e)	P=0.190
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.032*	(e)	(e)	P=0.075

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Tooth  
 Dysplasia

**LESION RATES**

OVERALL (a)	4/5 (80%)	4/5 (80%)	0/4 (0%)	1/1 (100%)
POLY-3 RATE (b)	4/5.00	4/5.00	0/4.00	1/1.00
POLY-3 PERCENT (g)	80%	80%	0%	100%
TERMINAL (d)	3/4 (75%)	4/5 (80%)	0/4 (0%)	1/1 (100%)
FIRST INCIDENCE	539	728 (T)	---	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.227N	P=0.760	P=0.006N**	P=0.793
POLY 1.5	P=0.227N	P=0.760	P=0.006N**	P=0.793
POLY 6	P=0.227N	P=0.760	P=0.006N**	P=0.793
COCH-ARM / FISHERS	P=0.280N	P=0.778N	P=0.040N*	P=0.833
MAX-ISO-POLY-3	P=0.214N	P=1.000	P<0.001N**	P=0.374

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Tooth: Peridontal Tissue  
 Fibrosis

**LESION RATES**

OVERALL (a)	0/5 (0%)	1/5 (20%)	2/4 (50%)	1/1 (100%)
POLY-3 RATE (b)	0/4.41	1/5.00	2/4.00	1/1.00
POLY-3 PERCENT (g)	0%	20%	50%	100%
TERMINAL (d)	0/4 (0%)	1/5 (20%)	2/4 (50%)	1/1 (100%)
FIRST INCIDENCE	---	728 (T)	728 (T)	728 (T)

**STATISTICAL TESTS**

POLY 3	P=0.029*	P=0.525	P=0.168	P<0.001**
POLY 1.5	P=0.025*	P=0.515	P=0.155	P<0.001**
POLY 6	P=0.034*	P=0.536	P=0.183	P<0.001**
COCH-ARM / FISHERS	P=0.031*	P=0.500	P=0.167	P=0.167
MAX-ISO-POLY-3	P=0.044*	P=0.190	P=0.034*	P<0.001**



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Adrenal Cortex  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	11/50 (22%)	11/50 (22%)	7/50 (14%)	11/50 (22%)
POLY-3 RATE (b)	11/46.12	11/46.36	7/45.49	11/47.82
POLY-3 PERCENT (g)	23.9%	23.7%	15.4%	23%
TERMINAL (d)	7/31 (23%)	9/38 (24%)	5/37 (14%)	9/37 (24%)
FIRST INCIDENCE	514	475	411	615

**STATISTICAL TESTS**

POLY 3	P=0.470N	P=0.591N	P=0.224N	P=0.558N
POLY 1.5	P=0.481N	P=0.595	P=0.223N	P=0.573N
POLY 6	P=0.458N	P=0.574N	P=0.221N	P=0.540N
COCH-ARM / FISHERS	P=0.500N	P=0.595N	P=0.218N	P=0.595N
MAX-ISO-POLY-3	P=0.477N	P=0.493N	P=0.155N	P=0.461N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Adrenal Cortex  
 Hypertrophy**

**LESION RATES**

OVERALL (a)	38/50 (76%)	46/50 (92%)	42/50 (84%)	40/50 (80%)
POLY-3 RATE (b)	38/46.72	46/48.92	42/46.91	40/48.26
POLY-3 PERCENT (g)	81.3%	94%	89.5%	82.9%
TERMINAL (d)	29/31 (94%)	37/38 (97%)	36/37 (97%)	35/37 (95%)
FIRST INCIDENCE	534	454	411	650

**STATISTICAL TESTS**

POLY 3	P=0.417N	P=0.042*	P=0.179	P=0.530
POLY 1.5	P=0.456N	P=0.030*	P=0.197	P=0.479
POLY 6	P=0.393N	P=0.073	P=0.164	P=0.585
COCH-ARM / FISHERS	P=0.526N	P=0.027*	P=0.227	P=0.405
MAX-ISO-POLY-3	P=0.196	P=0.021*	P=0.107	P=0.416

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Adrenal Cortex: Subcapsular  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	50/50 (100%)	50/50 (100%)	50/50 (100%)	48/50 (96%)
POLY-3 RATE (b)	50/50.00	50/50.00	50/50.00	48/49.75
POLY-3 PERCENT (g)	100%	100%	100%	96.5%
TERMINAL (d)	31/31 (100%)	38/38 (100%)	37/37 (100%)	36/37 (97%)
FIRST INCIDENCE	472	386	411	554

**STATISTICAL TESTS**

POLY 3	P=0.054N	(e)	(e)	P=0.272N
POLY 1.5	P=0.049N*	(e)	(e)	P=0.254N
POLY 6	P=0.068N	(e)	(e)	P=0.311N
COCH-ARM / FISHERS	P=0.046N*	(e)	(e)	P=0.247N
MAX-ISO-POLY-3	P=0.035N*	(e)	(e)	P=0.079N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Adrenal Medulla  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	6/50 (12%)	2/50 (4%)	7/50 (14%)	2/50 (4%)
POLY-3 RATE (b)	6/44.43	2/46.07	7/44.51	2/47.36
POLY-3 PERCENT (g)	13.5%	4.3%	15.7%	4.2%
TERMINAL (d)	4/31 (13%)	1/38 (3%)	6/37 (16%)	2/37 (5%)
FIRST INCIDENCE	701	518	657	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.181N	P=0.121N	P=0.502	P=0.113N
POLY 1.5	P=0.190N	P=0.128N	P=0.498	P=0.121N
POLY 6	P=0.175N	P=0.112N	P=0.512	P=0.105N
COCH-ARM / FISHERS	P=0.208N	P=0.134N	P=0.500	P=0.134N
MAX-ISO-POLY-3	P=0.105N	P=0.065N	P=0.383	P=0.062N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Blood Vessel: Adventitia  
 Inflammation**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Bone Marrow  
 Hemorrhage**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Bone Marrow  
 Myelofibrosis**

**LESION RATES**

OVERALL (a)	8/50 (16%)	3/50 (6%)	8/50 (16%)	11/50 (22%)
POLY-3 RATE (b)	8/44.48	3/45.43	8/44.25	11/47.46
POLY-3 PERCENT (g)	18%	6.6%	18.1%	23.2%
TERMINAL (d)	7/31 (23%)	3/38 (8%)	8/37 (22%)	10/37 (27%)
FIRST INCIDENCE	671	727 (T)	727 (T)	701

**STATISTICAL TESTS**

POLY 3	P=0.120	P=0.091N	P=0.604	P=0.361
POLY 1.5	P=0.113	P=0.096N	P=0.602	P=0.339
POLY 6	P=0.126	P=0.083N	P=0.607N	P=0.386
COCH-ARM / FISHERS	P=0.102	P=0.100N	P=0.607N	P=0.306
MAX-ISO-POLY-3	P=0.130	P=0.050N*	P=0.495	P=0.277

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Eye: Cornea  
 Inflammation

**LESION RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	2/46.00	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	589	---	---

**STATISTICAL TESTS**

POLY 3	P=0.388N	P=0.246	(e)	(e)
POLY 1.5	P=0.396N	P=0.241	(e)	(e)
POLY 6	P=0.378N	P=0.254	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.259N	P=0.084	(e)	(e)



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

---

**Harderian Gland: Epithelium  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	12/50 (24%)	7/50 (14%)	6/50 (12%)	4/50 (8%)
POLY-3 RATE (b)	12/45.44	7/45.43	6/44.76	4/47.36
POLY-3 PERCENT (g)	26.4%	15.4%	13.4%	8.5%
TERMINAL (d)	7/31 (23%)	7/38 (18%)	5/37 (14%)	4/37 (11%)
FIRST INCIDENCE	534	727 (T)	573	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.017N*	P=0.150N	P=0.098N	P=0.020N*
POLY 1.5	P=0.019N*	P=0.154N	P=0.098N	P=0.022N*
POLY 6	P=0.016N*	P=0.143N	P=0.096N	P=0.018N*
COCH-ARM / FISHERS	P=0.023N*	P=0.154N	P=0.096N	P=0.027N*
MAX-ISO-POLY-3	P=0.014N*	P=0.098N	P=0.061N	P=0.011N*

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Heart: Artery  
 Inflammation**

**LESION RATES**

OVERALL (a)	1/50 (2%)	3/50 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/44.27	3/45.43	2/44.25	1/47.36
POLY-3 PERCENT (g)	2.3%	6.6%	4.5%	2.1%
TERMINAL (d)	1/31 (3%)	3/38 (8%)	2/37 (5%)	1/37 (3%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.445N	P=0.314	P=0.500	P=0.745N
POLY 1.5	P=0.457N	P=0.309	P=0.499	P=0.751N
POLY 6	P=0.431N	P=0.324	P=0.504	P=0.738N
COCH-ARM / FISHERS	P=0.474N	P=0.309	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.457N	P=0.164	P=0.280	P=0.480N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Heart: Myocardium  
 Cardiomyopathy**

**LESION RATES**

OVERALL (a)	10/50 (20%)	7/50 (14%)	10/50 (20%)	17/50 (34%)
POLY-3 RATE (b)	10/44.73	7/45.67	10/44.73	17/48.74
POLY-3 PERCENT (g)	22.4%	15.3%	22.4%	34.9%
TERMINAL (d)	5/31 (16%)	6/38 (16%)	9/37 (24%)	9/37 (24%)
FIRST INCIDENCE	676	664	584	615

**STATISTICAL TESTS**

POLY 3	P=0.036*	P=0.279N	P=0.600N	P=0.133
POLY 1.5	P=0.031*	P=0.290N	P=0.596	P=0.112
POLY 6	P=0.044*	P=0.261N	P=0.592N	P=0.163
COCH-ARM / FISHERS	P=0.025*	P=0.298N	P=0.598N	P=0.088
MAX-ISO-POLY-3	P=0.056	P=0.199N	P=0.499N	P=0.099

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Heart: Myocardium  
 Fibrosis**

**LESION RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/44.27	1/45.43	0/44.25	2/47.43
POLY-3 PERCENT (g)	2.3%	2.2%	0%	4.2%
TERMINAL (d)	1/31 (3%)	1/38 (3%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	727 (T)	727 (T)	---	709

**STATISTICAL TESTS**

POLY 3	P=0.380	P=0.755N	P=0.500N	P=0.524
POLY 1.5	P=0.375	P=0.758N	P=0.501N	P=0.514
POLY 6	P=0.386	P=0.749N	P=0.498N	P=0.535
COCH-ARM / FISHERS	P=0.366	P=0.753N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.315	P=0.492N	P=0.159N	P=0.307

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Heart: Myocardium  
 Infiltration Cellular Mononuclear Cell**

**LESION RATES**

OVERALL (a)	9/50 (18%)	7/50 (14%)	10/50 (20%)	17/50 (34%)
POLY-3 RATE (b)	9/44.67	7/45.67	10/44.73	17/48.74
POLY-3 PERCENT (g)	20.2%	15.3%	22.4%	34.9%
TERMINAL (d)	5/31 (16%)	6/38 (16%)	9/37 (24%)	9/37 (24%)
FIRST INCIDENCE	676	664	584	615

**STATISTICAL TESTS**

POLY 3	P=0.022*	P=0.373N	P=0.501	P=0.086
POLY 1.5	P=0.018*	P=0.385N	P=0.498	P=0.071
POLY 6	P=0.027*	P=0.354N	P=0.511	P=0.108
COCH-ARM / FISHERS	P=0.015*	P=0.393N	P=0.500	P=0.055
MAX-ISO-POLY-3	P=0.033*	P=0.278N	P=0.397	P=0.062

TDMS No. 99028 - 06  
Test Type: CHRONIC  
Route: SKIN APPLICATION  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
bis(2-Chloroethoxy)methane  
CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
Time Report Requested: 11:52:50  
First Dose M/F: 10/03/02 / 10/02/02  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

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**Heart: Myocardium  
Mineralization**

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**LESION RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/44.32	1/46.19	1/44.34	1/47.41
POLY-3 PERCENT (g)	2.3%	2.2%	2.3%	2.1%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	714	454	706	713

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**STATISTICAL TESTS**

POLY 3	P=0.621N	P=0.751N	P=0.761N	P=0.745N
POLY 1.5	P=0.625N	P=0.756N	P=0.760	P=0.751N
POLY 6	P=0.616N	P=0.744N	P=0.758N	P=0.738N
COCH-ARM / FISHERS	P=0.634	P=0.753N	P=0.753N	P=0.753N
MAX-ISO-POLY-3	P=0.728N	P=0.488N	P=0.499N	P=0.480N

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Heart: Myocardium  
 Necrosis**

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.32	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	714	---	---	---

**STATISTICAL TESTS**

POLY 3	P=0.315N	P=0.495N	P=0.500N	P=0.487N
POLY 1.5	P=0.311N	P=0.498N	P=0.501N	P=0.492N
POLY 6	P=0.320N	P=0.490N	P=0.498N	P=0.481N
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=0.159N	P=0.158N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Heart: Myocardium  
 Vacuolization Cytoplasmic

**LESION RATES**

OVERALL (a)	14/50 (28%)	4/50 (8%)	6/50 (12%)	13/50 (26%)
POLY-3 RATE (b)	14/46.10	4/46.19	6/44.73	13/48.47
POLY-3 PERCENT (g)	30.4%	8.7%	13.4%	26.8%
TERMINAL (d)	7/31 (23%)	3/38 (8%)	5/37 (14%)	7/37 (19%)
FIRST INCIDENCE	472	454	584	615

**STATISTICAL TESTS**

POLY 3	P=0.422	P=0.007N**	P=0.042N*	P=0.439N
POLY 1.5	P=0.409	P=0.008N**	P=0.041N*	P=0.465N
POLY 6	P=0.437	P=0.006N**	P=0.042N*	P=0.406N
COCH-ARM / FISHERS	P=0.391	P=0.009N**	P=0.039N*	P=0.500N
MAX-ISO-POLY-3	P=0.070N	P=0.003N**	P=0.025N*	P=0.354N



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Intestine Small, Jejunum: Peyer's Patch  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.27	2/45.43	0/44.25	1/47.36
POLY-3 PERCENT (g)	0%	4.4%	0%	2.1%
TERMINAL (d)	0/31 (0%)	2/38 (5%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	---	727 (T)	---	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.563	P=0.243	(e)	P=0.513
POLY 1.5	P=0.553	P=0.240	(e)	P=0.508
POLY 6	P=0.575	P=0.249	(e)	P=0.520
COCH-ARM / FISHERS	P=0.539	P=0.247	(e)	P=0.500
MAX-ISO-POLY-3	P=0.344	P=0.081	(e)	P=0.175

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Islets, Pancreatic  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	23/50 (46%)	23/50 (46%)	31/50 (62%)	21/50 (42%)
POLY-3 RATE (b)	23/45.36	23/47.71	31/46.03	21/48.45
POLY-3 PERCENT (g)	50.7%	48.2%	67.4%	43.3%
TERMINAL (d)	18/31 (58%)	19/38 (50%)	26/37 (70%)	15/37 (41%)
FIRST INCIDENCE	588	386	458	650

**STATISTICAL TESTS**

POLY 3	P=0.321N	P=0.487N	P=0.073	P=0.305N
POLY 1.5	P=0.369N	P=0.527N	P=0.072	P=0.351N
POLY 6	P=0.270N	P=0.435N	P=0.080	P=0.254N
COCH-ARM / FISHERS	P=0.443N	P=0.579N	P=0.080	P=0.420N
MAX-ISO-POLY-3	P=0.199N	P=0.404N	P=0.048*	P=0.243N

TDMS No. 99028 - 06  
Test Type: CHRONIC  
Route: SKIN APPLICATION  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
bis(2-Chloroethoxy)methane  
CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
Time Report Requested: 11:52:50  
First Dose M/F: 10/03/02 / 10/02/02  
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 104 WEEKS

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DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

---

Kidney  
Cyst

---

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

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STATISTICAL TESTS

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. 99028 - 06  
Test Type: CHRONIC  
Route: SKIN APPLICATION  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
bis(2-Chloroethoxy)methane  
CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
Time Report Requested: 11:52:50  
First Dose M/F: 10/03/02 / 10/02/02  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

---

**Kidney  
Hydronephrosis**

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**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Kidney  
 Infarct**

**LESION RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	1/44.27	1/45.43	3/44.25	3/47.36
POLY-3 PERCENT (g)	2.3%	2.2%	6.8%	6.3%
TERMINAL (d)	1/31 (3%)	1/38 (3%)	3/37 (8%)	3/37 (8%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.186	P=0.755N	P=0.305	P=0.330
POLY 1.5	P=0.178	P=0.758N	P=0.304	P=0.320
POLY 6	P=0.194	P=0.749N	P=0.309	P=0.341
COCH-ARM / FISHERS	P=0.165	P=0.753N	P=0.309	P=0.309
MAX-ISO-POLY-3	P=0.266	P=0.492N	P=0.154	P=0.179

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Kidney  
 Infiltration Cellular Mononuclear Cell**

**LESION RATES**

OVERALL (a)	4/50 (8%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	4/44.38	1/45.43	1/44.25	1/47.36
POLY-3 PERCENT (g)	9%	2.2%	2.3%	2.1%
TERMINAL (d)	3/31 (10%)	1/38 (3%)	1/37 (3%)	1/37 (3%)
FIRST INCIDENCE	699	727 (T)	727 (T)	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.129N	P=0.171N	P=0.179N	P=0.160N
POLY 1.5	P=0.131N	P=0.176N	P=0.180N	P=0.167N
POLY 6	P=0.128N	P=0.164N	P=0.176N	P=0.151N
COCH-ARM / FISHERS	P=0.134N	P=0.181N	P=0.181N	P=0.181N
MAX-ISO-POLY-3	P=0.073N	P=0.082N	P=0.084N	P=0.079N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Kidney  
 Inflammation**

**LESION RATES**

OVERALL (a)	4/50 (8%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	4/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	9%	0%	0%	0%
TERMINAL (d)	4/31 (13%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	727 (T)	---	---	---

**STATISTICAL TESTS**

POLY 3	P=0.019N*	P=0.057N	P=0.060N	P=0.052N
POLY 1.5	P=0.018N*	P=0.059N	P=0.061N	P=0.055N
POLY 6	P=0.019N*	P=0.053N	P=0.058N	P=0.049N*
COCH-ARM / FISHERS	P=0.020N*	P=0.059N	P=0.059N	P=0.059N
MAX-ISO-POLY-3	P=0.003N**	P=0.019N*	P=0.019N*	P=0.019N*

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Kidney  
 Mineralization**

**LESION RATES**

OVERALL (a)	9/50 (18%)	8/50 (16%)	11/50 (22%)	9/50 (18%)
POLY-3 RATE (b)	9/44.27	8/45.64	11/44.51	9/47.61
POLY-3 PERCENT (g)	20.3%	17.5%	24.7%	18.9%
TERMINAL (d)	9/31 (29%)	7/38 (18%)	10/37 (27%)	8/37 (22%)
FIRST INCIDENCE	727 (T)	671	657	659

**STATISTICAL TESTS**

POLY 3	P=0.544N	P=0.472N	P=0.405	P=0.536N
POLY 1.5	P=0.531	P=0.488N	P=0.400	P=0.563N
POLY 6	P=0.517N	P=0.443N	P=0.422	P=0.503N
COCH-ARM / FISHERS	P=0.488	P=0.500N	P=0.402	P=0.602N
MAX-ISO-POLY-3	P=0.586	P=0.368N	P=0.311	P=0.432N



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Kidney  
 Nephropathy**

**LESION RATES**

OVERALL (a)	37/50 (74%)	37/50 (74%)	42/50 (84%)	38/50 (76%)
POLY-3 RATE (b)	37/47.01	37/47.86	42/48.11	38/49.24
POLY-3 PERCENT (g)	78.7%	77.3%	87.3%	77.2%
TERMINAL (d)	26/31 (84%)	29/38 (76%)	33/37 (89%)	28/37 (76%)
FIRST INCIDENCE	514	475	458	554

**STATISTICAL TESTS**

POLY 3	P=0.535N	P=0.534N	P=0.186	P=0.527N
POLY 1.5	P=0.498	P=0.570N	P=0.171	P=0.590N
POLY 6	P=0.469N	P=0.467N	P=0.215	P=0.453N
COCH-ARM / FISHERS	P=0.388	P=0.590N	P=0.163	P=0.500
MAX-ISO-POLY-3	P=0.483	P=0.432N	P=0.121	P=0.426N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Kidney: Artery  
 Inflammation**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver  
 Angiectasis

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	0/44.27	0/45.43	2/44.55	2/47.36
POLY-3 PERCENT (g)	0%	0%	4.5%	4.2%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	1/37 (3%)	2/37 (5%)
FIRST INCIDENCE	---	---	645	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.097	(e)	P=0.238	P=0.253
POLY 1.5	P=0.093	(e)	P=0.237	P=0.246
POLY 6	P=0.101	(e)	P=0.242	P=0.260
COCH-ARM / FISHERS	P=0.086	(e)	P=0.247	P=0.247
MAX-ISO-POLY-3	P=0.133	(e)	P=0.077	P=0.091

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver  
 Basophilic Focus

**LESION RATES**

OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/44.32	2/45.43	2/44.25	0/47.36
POLY-3 PERCENT (g)	2.3%	4.4%	4.5%	0%
TERMINAL (d)	0/31 (0%)	2/38 (5%)	2/37 (5%)	0/37 (0%)
FIRST INCIDENCE	714	727 (T)	727 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.274N	P=0.509	P=0.499	P=0.487N
POLY 1.5	P=0.283N	P=0.504	P=0.498	P=0.492N
POLY 6	P=0.264N	P=0.518	P=0.503	P=0.481N
COCH-ARM / FISHERS	P=0.296N	P=0.500	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.234N	P=0.290	P=0.280	P=0.158N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver  
 Clear Cell Focus

**LESION RATES**

OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	5/50 (10%)
POLY-3 RATE (b)	1/44.27	3/45.43	0/44.25	5/47.46
POLY-3 PERCENT (g)	2.3%	6.6%	0%	10.5%
TERMINAL (d)	1/31 (3%)	3/38 (8%)	0/37 (0%)	4/37 (11%)
FIRST INCIDENCE	727 (T)	727 (T)	---	701

**STATISTICAL TESTS**

POLY 3	P=0.081	P=0.314	P=0.500N	P=0.118
POLY 1.5	P=0.078	P=0.309	P=0.501N	P=0.112
POLY 6	P=0.085	P=0.324	P=0.498N	P=0.126
COCH-ARM / FISHERS	P=0.075	P=0.309	P=0.500N	P=0.102
MAX-ISO-POLY-3	P=0.057	P=0.164	P=0.159N	P=0.060

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver  
 Eosinophilic Focus

**LESION RATES**

OVERALL (a)	12/50 (24%)	9/50 (18%)	11/50 (22%)	12/50 (24%)
POLY-3 RATE (b)	12/44.37	9/45.43	11/45.37	12/47.48
POLY-3 PERCENT (g)	27%	19.8%	24.3%	25.3%
TERMINAL (d)	11/31 (36%)	9/38 (24%)	8/37 (22%)	11/37 (30%)
FIRST INCIDENCE	701	727 (T)	458	696

**STATISTICAL TESTS**

POLY 3	P=0.523	P=0.287N	P=0.475N	P=0.518N
POLY 1.5	P=0.496	P=0.302N	P=0.489N	P=0.548N
POLY 6	P=0.548	P=0.263N	P=0.450N	P=0.483N
COCH-ARM / FISHERS	P=0.454	P=0.312N	P=0.500N	P=0.592N
MAX-ISO-POLY-3	P=0.533N	P=0.212N	P=0.381N	P=0.424N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver  
 Infarct

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	1/31 (3%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	727 (T)	---	---	---

**STATISTICAL TESTS**

POLY 3	P=0.315N	P=0.495N	P=0.500N	P=0.487N
POLY 1.5	P=0.311N	P=0.498N	P=0.501N	P=0.492N
POLY 6	P=0.320N	P=0.489N	P=0.498N	P=0.480N
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=0.159N	P=0.158N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Liver  
 Inflammation**

**LESION RATES**

OVERALL (a)	8/50 (16%)	10/50 (20%)	15/50 (30%)	10/50 (20%)
POLY-3 RATE (b)	8/44.72	10/46.62	15/44.78	10/47.77
POLY-3 PERCENT (g)	17.9%	21.5%	33.5%	20.9%
TERMINAL (d)	7/31 (23%)	8/38 (21%)	13/37 (35%)	8/37 (22%)
FIRST INCIDENCE	595	475	606	615

**STATISTICAL TESTS**

POLY 3	P=0.399	P=0.435	P=0.071	P=0.458
POLY 1.5	P=0.372	P=0.416	P=0.071	P=0.433
POLY 6	P=0.426	P=0.465	P=0.075	P=0.486
COCH-ARM / FISHERS	P=0.331	P=0.398	P=0.077	P=0.398
MAX-ISO-POLY-3	P=0.251	P=0.337	P=0.043*	P=0.360



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver  
 Mixed Cell Focus

**LESION RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/44.48	1/45.43	0/44.25	1/47.36
POLY-3 PERCENT (g)	2.3%	2.2%	0%	2.1%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	671	727 (T)	---	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.612N	P=0.756N	P=0.501N	P=0.747N
POLY 1.5	P=0.613N	P=0.759N	P=0.501N	P=0.752N
POLY 6	P=0.610N	P=0.751N	P=0.499N	P=0.741N
COCH-ARM / FISHERS	P=0.616N	P=0.753N	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.534N	P=0.493N	P=0.160N	P=0.482N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver  
 Tension Lipidosis

**LESION RATES**

OVERALL (a)	7/50 (14%)	6/50 (12%)	5/50 (10%)	8/50 (16%)
POLY-3 RATE (b)	7/44.87	6/46.13	5/44.36	8/47.87
POLY-3 PERCENT (g)	15.6%	13%	11.3%	16.7%
TERMINAL (d)	6/31 (19%)	4/38 (11%)	4/37 (11%)	6/37 (16%)
FIRST INCIDENCE	534	589	701	657

**STATISTICAL TESTS**

POLY 3	P=0.456	P=0.479N	P=0.387N	P=0.554
POLY 1.5	P=0.440	P=0.491N	P=0.387N	P=0.532
POLY 6	P=0.472	P=0.454N	P=0.380N	P=0.581
COCH-ARM / FISHERS	P=0.416	P=0.500N	P=0.380N	P=0.500
MAX-ISO-POLY-3	P=0.516	P=0.363N	P=0.277N	P=0.443

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver  
 Thrombosis

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver: Centrilobular  
 Degeneration

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver: Hepatocyte  
 Necrosis

**LESION RATES**

OVERALL (a)	2/50 (4%)	4/50 (8%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/44.79	4/45.95	2/44.76	3/47.94
POLY-3 PERCENT (g)	4.5%	8.7%	4.5%	6.3%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	588	664	606	554

**STATISTICAL TESTS**

POLY 3	P=0.556	P=0.349	P=0.694	P=0.531
POLY 1.5	P=0.542	P=0.342	P=0.692	P=0.519
POLY 6	P=0.570	P=0.363	P=0.690N	P=0.544
COCH-ARM / FISHERS	P=0.521	P=0.339	P=0.691N	P=0.500
MAX-ISO-POLY-3	P=0.547	P=0.212	P=0.499	P=0.356

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver: Hepatocyte  
 Vacuolization Cytoplasmic Diffuse

**LESION RATES**

OVERALL (a)	3/50 (6%)	1/50 (2%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	3/44.57	1/45.43	5/45.59	3/48.16
POLY-3 PERCENT (g)	6.7%	2.2%	11%	6.2%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	2/37 (5%)	0/37 (0%)
FIRST INCIDENCE	687	727 (T)	458	650

**STATISTICAL TESTS**

POLY 3	P=0.467	P=0.298N	P=0.369	P=0.626N
POLY 1.5	P=0.449	P=0.303N	P=0.362	P=0.641N
POLY 6	P=0.487	P=0.291N	P=0.380	P=0.608N
COCH-ARM / FISHERS	P=0.420	P=0.309N	P=0.357	P=0.661N
MAX-ISO-POLY-3	P=0.358	P=0.151N	P=0.244	P=0.462N

TDMS No. 99028 - 06  
Test Type: CHRONIC  
Route: SKIN APPLICATION  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
bis(2-Chloroethoxy)methane  
CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
Time Report Requested: 11:52:50  
First Dose M/F: 10/03/02 / 10/02/02  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

---

Liver: Oval Cell  
Hyperplasia

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

.....  
**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver: Serosa  
 Inflammation

**LESION RATES**

OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/44.32	1/45.64	0/44.25	0/47.36
POLY-3 PERCENT (g)	4.5%	2.2%	0%	0%
TERMINAL (d)	1/31 (3%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	714	671	---	---

**STATISTICAL TESTS**

POLY 3	P=0.100N	P=0.490N	P=0.237N	P=0.223N
POLY 1.5	P=0.100N	P=0.496N	P=0.238N	P=0.229N
POLY 6	P=0.100N	P=0.479N	P=0.235N	P=0.216N
COCH-ARM / FISHERS	P=0.101N	P=0.500N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.077N	P=0.275N	P=0.076N	P=0.076N



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Lung  
 Inflammation**

**LESION RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/44.27	1/45.43	0/44.25	1/47.36
POLY-3 PERCENT (g)	2.3%	2.2%	0%	2.1%
TERMINAL (d)	1/31 (3%)	1/38 (3%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	727 (T)	727 (T)	---	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.611N	P=0.755N	P=0.500N	P=0.745N
POLY 1.5	P=0.613N	P=0.758N	P=0.501N	P=0.751N
POLY 6	P=0.609N	P=0.749N	P=0.498N	P=0.738N
COCH-ARM / FISHERS	P=0.616N	P=0.753N	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.533N	P=0.492N	P=0.159N	P=0.480N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Lung: Alveolar Epithelium  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	5/50 (10%)	1/50 (2%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	5/44.74	1/45.43	4/44.25	4/47.43
POLY-3 PERCENT (g)	11.2%	2.2%	9%	8.4%
TERMINAL (d)	4/31 (13%)	1/38 (3%)	4/37 (11%)	3/37 (8%)
FIRST INCIDENCE	588	727 (T)	727 (T)	709

**STATISTICAL TESTS**

POLY 3	P=0.566	P=0.098N	P=0.507N	P=0.464N
POLY 1.5	P=0.556	P=0.100N	P=0.506N	P=0.478N
POLY 6	P=0.573	P=0.092N	P=0.503N	P=0.448N
COCH-ARM / FISHERS	P=0.538	P=0.102N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.338N	P=0.043N*	P=0.369N	P=0.334N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Lung: Alveolus  
 Infiltration Cellular Histiocyte**

**LESION RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/44.27	1/45.43	0/44.25	2/47.38
POLY-3 PERCENT (g)	2.3%	2.2%	0%	4.2%
TERMINAL (d)	1/31 (3%)	1/38 (3%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	727 (T)	727 (T)	---	721

**STATISTICAL TESTS**

POLY 3	P=0.380	P=0.755N	P=0.500N	P=0.524
POLY 1.5	P=0.375	P=0.758N	P=0.501N	P=0.514
POLY 6	P=0.385	P=0.749N	P=0.498N	P=0.534
COCH-ARM / FISHERS	P=0.366	P=0.753N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.315	P=0.492N	P=0.159N	P=0.306

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Lymph Node, Mandibular  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/46.61
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Lymph Node, Mesenteric Hemorrhage**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/43.34	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Mesentery  
 Inflammation**

**LESION RATES**

OVERALL (a)	0/16 (0%)	0/13 (0%)	2/11 (18%)	2/10 (20%)
POLY-3 RATE (b)	0/14.49	0/12.79	2/9.77	2/9.29
POLY-3 PERCENT (g)	0%	0%	20.5%	21.5%
TERMINAL (d)	0/10 (0%)	0/12 (0%)	1/8 (13%)	1/7 (14%)
FIRST INCIDENCE	---	---	645	615

**STATISTICAL TESTS**

POLY 3	P=0.032*	(e)	P=0.142	P=0.130
POLY 1.5	P=0.032*	(e)	P=0.143	P=0.129
POLY 6	P=0.032*	(e)	P=0.143	P=0.132
COCH-ARM / FISHERS	P=0.036*	(e)	P=0.157	P=0.138
MAX-ISO-POLY-3	P=0.049*	(e)	P=0.046*	P=0.040*

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Mesentery  
 Necrosis**

**LESION RATES**

OVERALL (a)	14/16 (88%)	13/13 (100%)	8/11 (73%)	7/10 (70%)
POLY-3 RATE (b)	14/15.16	13/13.00	8/9.95	7/9.44
POLY-3 PERCENT (g)	92.3%	100%	80.4%	74.1%
TERMINAL (d)	10/10 (100%)	12/12 (100%)	7/8 (88%)	5/7 (71%)
FIRST INCIDENCE	639	671	584	615

**STATISTICAL TESTS**

POLY 3	P=0.064N	P=0.468	P=0.386N	P=0.242N
POLY 1.5	P=0.069N	P=0.374	P=0.353N	P=0.252N
POLY 6	P=0.066N	P=0.596	P=0.437N	P=0.242N
COCH-ARM / FISHERS	P=0.091N	P=0.296	P=0.316N	P=0.274N
MAX-ISO-POLY-3	P=0.083N	P=0.128	P=0.192N	P=0.117N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Nose  
 Inflammation**

**LESION RATES**

OVERALL (a)	13/50 (26%)	8/50 (16%)	7/50 (14%)	6/50 (12%)
POLY-3 RATE (b)	13/46.43	8/46.29	7/44.25	6/48.27
POLY-3 PERCENT (g)	28%	17.3%	15.8%	12.4%
TERMINAL (d)	7/31 (23%)	3/38 (8%)	7/37 (19%)	3/37 (8%)
FIRST INCIDENCE	514	659	727 (T)	615

**STATISTICAL TESTS**

POLY 3	P=0.046N*	P=0.162N	P=0.125N	P=0.049N*
POLY 1.5	P=0.049N*	P=0.166N	P=0.118N	P=0.054N
POLY 6	P=0.043N*	P=0.149N	P=0.129N	P=0.043N*
COCH-ARM / FISHERS	P=0.056N	P=0.163N	P=0.105N	P=0.062N
MAX-ISO-POLY-3	P=0.039N*	P=0.108N	P=0.085N	P=0.030N*



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Nose: Respiratory Epithelium  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	2/47.36
POLY-3 PERCENT (g)	0%	0%	0%	4.2%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	2/37 (5%)
FIRST INCIDENCE	---	---	---	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.048*	(e)	(e)	P=0.253
POLY 1.5	P=0.047*	(e)	(e)	P=0.246
POLY 6	P=0.049*	(e)	(e)	P=0.260
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.045*	(e)	(e)	P=0.091

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Ovary  
 Cyst**

**LESION RATES**

OVERALL (a)	13/50 (26%)	7/50 (14%)	7/50 (14%)	15/50 (30%)
POLY-3 RATE (b)	13/45.50	7/45.43	7/45.36	15/48.37
POLY-3 PERCENT (g)	28.6%	15.4%	15.4%	31%
TERMINAL (d)	9/31 (29%)	7/38 (18%)	4/37 (11%)	11/37 (30%)
FIRST INCIDENCE	534	727 (T)	485	650

**STATISTICAL TESTS**

POLY 3	P=0.262	P=0.102N	P=0.102N	P=0.487
POLY 1.5	P=0.245	P=0.105N	P=0.105N	P=0.456
POLY 6	P=0.282	P=0.095N	P=0.096N	P=0.526
COCH-ARM / FISHERS	P=0.223	P=0.105N	P=0.105N	P=0.412
MAX-ISO-POLY-3	P=0.159	P=0.063N	P=0.064N	P=0.399

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Ovary  
 Hemorrhage**

**LESION RATES**

OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	2/44.36	1/45.54	0/44.25	3/47.36
POLY-3 PERCENT (g)	4.5%	2.2%	0%	6.3%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	3/37 (8%)
FIRST INCIDENCE	714	700	---	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.347	P=0.491N	P=0.238N	P=0.530
POLY 1.5	P=0.344	P=0.496N	P=0.238N	P=0.518
POLY 6	P=0.350	P=0.481N	P=0.235N	P=0.542
COCH-ARM / FISHERS	P=0.337	P=0.500N	P=0.247N	P=0.500
MAX-ISO-POLY-3	P=0.230	P=0.275N	P=0.076N	P=0.355

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Ovary: Periovarian Tissue  
 Inflammation**

**LESION RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	4.5%	0%	0%	0%
TERMINAL (d)	2/31 (7%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	727 (T)	---	---	---

**STATISTICAL TESTS**

POLY 3	P=0.117N	P=0.231N	P=0.237N	P=0.222N
POLY 1.5	P=0.115N	P=0.235N	P=0.238N	P=0.228N
POLY 6	P=0.120N	P=0.225N	P=0.234N	P=0.216N
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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

---

**Pancreas  
 Basophilic Focus**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	2/47.36
POLY-3 PERCENT (g)	0%	0%	0%	4.2%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	2/37 (5%)
FIRST INCIDENCE	---	---	---	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.048*	(e)	(e)	P=0.253
POLY 1.5	P=0.047*	(e)	(e)	P=0.246
POLY 6	P=0.049*	(e)	(e)	P=0.260
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.045*	(e)	(e)	P=0.091

---

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Pancreas: Acinus  
 Atrophy**

**LESION RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	2/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
TERMINAL (d)	0/31 (0%)	2/38 (5%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	727 (T)	---	---

**STATISTICAL TESTS**

POLY 3	P=0.390N	P=0.243	(e)	(e)
POLY 1.5	P=0.397N	P=0.240	(e)	(e)
POLY 6	P=0.380N	P=0.249	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.256N	P=0.081	(e)	(e)

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

---

**Pancreas: Acinus  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	6/50 (12%)	3/50 (6%)	7/50 (14%)	9/50 (18%)
POLY-3 RATE (b)	6/44.94	3/45.43	7/44.62	9/47.48
POLY-3 PERCENT (g)	13.4%	6.6%	15.7%	19%
TERMINAL (d)	4/31 (13%)	3/38 (8%)	5/37 (14%)	8/37 (22%)
FIRST INCIDENCE	595	727 (T)	657	696

**STATISTICAL TESTS**

POLY 3	P=0.135	P=0.236N	P=0.495	P=0.328
POLY 1.5	P=0.128	P=0.241N	P=0.494	P=0.312
POLY 6	P=0.141	P=0.227N	P=0.501	P=0.344
COCH-ARM / FISHERS	P=0.117	P=0.243N	P=0.500	P=0.288
MAX-ISO-POLY-3	P=0.173	P=0.143N	P=0.376	P=0.240

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Pancreas: Duct  
 Cyst**

**LESION RATES**

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.59	2/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	2.2%	4.4%	0%	0%
TERMINAL (d)	0/31 (0%)	2/38 (5%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	639	727 (T)	---	---

**STATISTICAL TESTS**

POLY 3	P=0.182N	P=0.506	P=0.502N	P=0.488N
POLY 1.5	P=0.185N	P=0.502	P=0.502N	P=0.493N
POLY 6	P=0.178N	P=0.514	P=0.500N	P=0.483N
COCH-ARM / FISHERS	P=0.188N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.176N	P=0.288	P=0.160N	P=0.158N



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Parathyroid Gland  
 Cyst**

**LESION RATES**

OVERALL (a)	0/35 (0%)	0/35 (0%)	0/28 (0%)	0/37 (0%)
POLY-3 RATE (b)	0/31.70	0/32.48	0/25.65	0/34.86
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/28 (0%)	0/22 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Pituitary Gland: Pars Distalis  
 Angiectasis**

**LESION RATES**

OVERALL (a)	1/49 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/43.27	2/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	2.3%	4.4%	0%	0%
TERMINAL (d)	1/30 (3%)	2/38 (5%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	---	---

**STATISTICAL TESTS**

POLY 3	P=0.177N	P=0.517	P=0.496N	P=0.482N
POLY 1.5	P=0.181N	P=0.511	P=0.496N	P=0.488N
POLY 6	P=0.172N	P=0.527	P=0.493N	P=0.476N
COCH-ARM / FISHERS	P=0.185N	P=0.508	P=0.495N	P=0.495N
MAX-ISO-POLY-3	P=0.179N	P=0.298	P=0.157N	P=0.157N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Pituitary Gland: Pars Distalis  
 Cyst**

**LESION RATES**

OVERALL (a)	2/49 (4%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/43.27	1/45.43	1/44.25	3/47.77
POLY-3 PERCENT (g)	4.6%	2.2%	2.3%	6.3%
TERMINAL (d)	2/30 (7%)	1/38 (3%)	1/37 (3%)	1/37 (3%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	657

**STATISTICAL TESTS**

POLY 3	P=0.351	P=0.483N	P=0.492N	P=0.545
POLY 1.5	P=0.343	P=0.489N	P=0.494N	P=0.530
POLY 6	P=0.359	P=0.473N	P=0.487N	P=0.563
COCH-ARM / FISHERS	P=0.330	P=0.492N	P=0.492N	P=0.510
MAX-ISO-POLY-3	P=0.356	P=0.270N	P=0.275N	P=0.370

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Pituitary Gland: Pars Distalis  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	24/49 (49%)	27/50 (54%)	24/50 (48%)	27/50 (54%)
POLY-3 RATE (b)	24/45.09	27/47.56	24/44.76	27/47.91
POLY-3 PERCENT (g)	53.2%	56.8%	53.6%	56.4%
TERMINAL (d)	16/30 (53%)	22/38 (58%)	23/37 (62%)	24/37 (65%)
FIRST INCIDENCE	534	475	573	650

**STATISTICAL TESTS**

POLY 3	P=0.458	P=0.446	P=0.570	P=0.462
POLY 1.5	P=0.438	P=0.414	P=0.579N	P=0.431
POLY 6	P=0.470	P=0.494	P=0.556	P=0.491
COCH-ARM / FISHERS	P=0.401	P=0.383	P=0.541N	P=0.383
MAX-ISO-POLY-3	P=0.598	P=0.366	P=0.484	P=0.381

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Skin: Site of Application - Dermis  
 Fibrosis

**LESION RATES**

OVERALL (a)	4/50 (8%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	4/45.75	1/45.43	0/44.25	2/47.90
POLY-3 PERCENT (g)	8.7%	2.2%	0%	4.2%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	472	727 (T)	---	615

**STATISTICAL TESTS**

POLY 3	P=0.275N	P=0.181N	P=0.064N	P=0.316N
POLY 1.5	P=0.276N	P=0.182N	P=0.063N	P=0.325N
POLY 6	P=0.274N	P=0.176N	P=0.064N	P=0.305N
COCH-ARM / FISHERS	P=0.279N	P=0.181N	P=0.059N	P=0.339N
MAX-ISO-POLY-3	P=0.078N	P=0.086N	P=0.023N*	P=0.190N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Skin: Site of Application - Dermis  
 Inflammation

**LESION RATES**

OVERALL (a)	4/50 (8%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	4/45.10	2/46.19	1/44.34	1/47.75
POLY-3 PERCENT (g)	8.9%	4.3%	2.3%	2.1%
TERMINAL (d)	1/31 (3%)	1/38 (3%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	472	454	706	615

**STATISTICAL TESTS**

POLY 3	P=0.106N	P=0.326N	P=0.184N	P=0.162N
POLY 1.5	P=0.108N	P=0.333N	P=0.183N	P=0.169N
POLY 6	P=0.104N	P=0.315N	P=0.181N	P=0.154N
COCH-ARM / FISHERS	P=0.111N	P=0.339N	P=0.181N	P=0.181N
MAX-ISO-POLY-3	P=0.092N	P=0.195N	P=0.089N	P=0.080N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Skin: Site of Application - Epidermis  
 Hyperplasia

**LESION RATES**

OVERALL (a)	3/50 (6%)	1/50 (2%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	3/45.64	1/45.43	3/45.09	3/47.90
POLY-3 PERCENT (g)	6.6%	2.2%	6.7%	6.3%
TERMINAL (d)	1/31 (3%)	1/38 (3%)	1/37 (3%)	1/37 (3%)
FIRST INCIDENCE	472	727 (T)	458	615

**STATISTICAL TESTS**

POLY 3	P=0.483	P=0.307N	P=0.657	P=0.640N
POLY 1.5	P=0.473	P=0.308N	P=0.657	P=0.649N
POLY 6	P=0.493	P=0.301N	P=0.661	P=0.627N
COCH-ARM / FISHERS	P=0.456	P=0.309N	P=0.661N	P=0.661N
MAX-ISO-POLY-3	P=0.529	P=0.156N	P=0.493	P=0.475N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Skin: Site of Application - Epidermis  
 Ulcer

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.37	0/45.43	1/44.34	0/47.36
POLY-3 PERCENT (g)	2.3%	0%	2.3%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	701	---	706	---

**STATISTICAL TESTS**

POLY 3	P=0.398N	P=0.495N	P=0.761	P=0.487N
POLY 1.5	P=0.401N	P=0.498N	P=0.760	P=0.492N
POLY 6	P=0.398N	P=0.490N	P=0.758N	P=0.481N
COCH-ARM / FISHERS	P=0.405N	P=0.500N	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.255N	P=0.158N	P=0.499	P=0.158N



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Spleen  
 Atrophy**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

**STATISTICAL TESTS**

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Spleen  
 Hematopoietic Cell Proliferation**

**LESION RATES**

OVERALL (a)	2/50 (4%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	2/44.53	1/45.67	3/44.93	1/47.48
POLY-3 PERCENT (g)	4.5%	2.2%	6.7%	2.1%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	1/37 (3%)	0/37 (0%)
FIRST INCIDENCE	687	664	606	696

**STATISTICAL TESTS**

POLY 3	P=0.450N	P=0.491N	P=0.504	P=0.478N
POLY 1.5	P=0.459N	P=0.496N	P=0.501	P=0.487N
POLY 6	P=0.443N	P=0.482N	P=0.512	P=0.468N
COCH-ARM / FISHERS	P=0.474N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.453N	P=0.275N	P=0.328	P=0.268N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Spleen  
 Hyperplasia Lymphoid**

**LESION RATES**

OVERALL (a)	1/50 (2%)	4/50 (8%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/44.37	4/45.43	0/44.25	1/47.38
POLY-3 PERCENT (g)	2.3%	8.8%	0%	2.1%
TERMINAL (d)	0/31 (0%)	4/38 (11%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	701	727 (T)	---	721

**STATISTICAL TESTS**

POLY 3	P=0.317N	P=0.186	P=0.501N	P=0.746N
POLY 1.5	P=0.326N	P=0.182	P=0.501N	P=0.752N
POLY 6	P=0.307N	P=0.193	P=0.498N	P=0.739N
COCH-ARM / FISHERS	P=0.337N	P=0.181	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.192N	P=0.090	P=0.159N	P=0.481N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Spleen  
 Infiltration Cellular Plasma Cell**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	2/44.51	0/47.36
POLY-3 PERCENT (g)	0%	0%	4.5%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	1/37 (3%)	0/37 (0%)
FIRST INCIDENCE	---	---	657	---

**STATISTICAL TESTS**

POLY 3	P=0.629	(e)	P=0.238	(e)
POLY 1.5	P=0.617	(e)	P=0.237	(e)
POLY 6	P=0.641	(e)	P=0.242	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.266	(e)	P=0.077	(e)

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Stomach, Forestomach  
 Inflammation**

**LESION RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.07	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	534	---	---	---

**STATISTICAL TESTS**

POLY 3	P=0.116N	P=0.235N	P=0.241N	P=0.226N
POLY 1.5	P=0.115N	P=0.237N	P=0.240N	P=0.231N
POLY 6	P=0.118N	P=0.231N	P=0.241N	P=0.222N
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=0.080N	P=0.076N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Stomach, Forestomach  
 Ulcer**

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.32	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	714	---	---	---

**STATISTICAL TESTS**

POLY 3	P=0.315N	P=0.495N	P=0.500N	P=0.487N
POLY 1.5	P=0.311N	P=0.498N	P=0.501N	P=0.492N
POLY 6	P=0.320N	P=0.490N	P=0.498N	P=0.481N
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=0.159N	P=0.158N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Stomach, Forestomach: Epithelium  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	5/50 (10%)	5/50 (10%)	13/50 (26%)	5/50 (10%)
POLY-3 RATE (b)	5/45.52	5/45.90	13/44.76	5/47.96
POLY-3 PERCENT (g)	11%	10.9%	29%	10.4%
TERMINAL (d)	2/31 (7%)	4/38 (11%)	12/37 (32%)	2/37 (5%)
FIRST INCIDENCE	534	589	573	615

**STATISTICAL TESTS**

POLY 3	P=0.505	P=0.625N	P=0.027*	P=0.597N
POLY 1.5	P=0.483	P=0.629N	P=0.029*	P=0.610N
POLY 6	P=0.528	P=0.615N	P=0.027*	P=0.582N
COCH-ARM / FISHERS	P=0.445	P=0.630N	P=0.033*	P=0.630N
MAX-ISO-POLY-3	P=0.205	P=0.494N	P=0.015*	P=0.466N

TDMS No. 99028 - 06  
Test Type: CHRONIC  
Route: SKIN APPLICATION  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
bis(2-Chloroethoxy)methane  
CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
Time Report Requested: 11:52:50  
First Dose M/F: 10/03/02 / 10/02/02  
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 104 WEEKS

---

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

---

Stomach, Glandular  
Erosion

---

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

---

STATISTICAL TESTS

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. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Stomach, Glandular  
 Mineralization**

**LESION RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	2/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
TERMINAL (d)	0/31 (0%)	2/38 (5%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	727 (T)	---	---

**STATISTICAL TESTS**

POLY 3	P=0.390N	P=0.243	(e)	(e)
POLY 1.5	P=0.397N	P=0.240	(e)	(e)
POLY 6	P=0.380N	P=0.249	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.256N	P=0.081	(e)	(e)

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Stomach, Glandular: Epithelium  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/44.27	1/45.43	1/44.25	0/47.36
POLY-3 PERCENT (g)	4.5%	2.2%	2.3%	0%
TERMINAL (d)	2/31 (7%)	1/38 (3%)	1/37 (3%)	0/37 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	---

**STATISTICAL TESTS**

POLY 3	P=0.146N	P=0.491N	P=0.500N	P=0.222N
POLY 1.5	P=0.149N	P=0.496N	P=0.501N	P=0.228N
POLY 6	P=0.144N	P=0.481N	P=0.496N	P=0.216N
COCH-ARM / FISHERS	P=0.153N	P=0.500N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.121N	P=0.275N	P=0.281N	P=0.076N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Stomach, Glandular: Glands  
 Cyst

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/44.27	0/45.43	1/44.25	3/47.36
POLY-3 PERCENT (g)	0%	0%	2.3%	6.3%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	1/37 (3%)	3/37 (8%)
FIRST INCIDENCE	---	---	727 (T)	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.022*	(e)	P=0.500	P=0.131
POLY 1.5	P=0.021*	(e)	P=0.499	P=0.126
POLY 6	P=0.023*	(e)	P=0.502	P=0.137
COCH-ARM / FISHERS	P=0.020*	(e)	P=0.500	P=0.121
MAX-ISO-POLY-3	P=0.033*	(e)	P=0.158	P=0.049*

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Stomach, Glandular: Glands  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	2/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
TERMINAL (d)	0/31 (0%)	2/38 (5%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	727 (T)	---	---

**STATISTICAL TESTS**

POLY 3	P=0.390N	P=0.243	(e)	(e)
POLY 1.5	P=0.397N	P=0.240	(e)	(e)
POLY 6	P=0.380N	P=0.249	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.256N	P=0.081	(e)	(e)

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Thymus  
 Hyperplasia Lymphoid**

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/44.27	0/45.43	1/44.25	3/47.50
POLY-3 PERCENT (g)	0%	0%	2.3%	6.3%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	1/37 (3%)	2/37 (5%)
FIRST INCIDENCE	---	---	727 (T)	689

**STATISTICAL TESTS**

POLY 3	P=0.022*	(e)	P=0.500	P=0.132
POLY 1.5	P=0.021*	(e)	P=0.499	P=0.127
POLY 6	P=0.023*	(e)	P=0.502	P=0.138
COCH-ARM / FISHERS	P=0.020*	(e)	P=0.500	P=0.121
MAX-ISO-POLY-3	P=0.033*	(e)	P=0.158	P=0.049*

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Thyroid Gland: Follicle  
 Cyst**

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/44.27	0/45.43	1/44.25	1/47.36
POLY-3 PERCENT (g)	2.3%	0%	2.3%	2.1%
TERMINAL (d)	1/31 (3%)	0/38 (0%)	1/37 (3%)	1/37 (3%)
FIRST INCIDENCE	727 (T)	---	727 (T)	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.556	P=0.495N	P=0.761	P=0.745N
POLY 1.5	P=0.550	P=0.498N	P=0.760	P=0.751N
POLY 6	P=0.561	P=0.489N	P=0.758N	P=0.738N
COCH-ARM / FISHERS	P=0.539	P=0.500N	P=0.753N	P=0.753N
MAX-ISO-POLY-3	P=0.552	P=0.158N	P=0.499	P=0.480N

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Thyroid Gland: Follicular Cell  
 Hyperplasia**

**LESION RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/44.27	2/45.43	1/44.73	1/47.36
POLY-3 PERCENT (g)	0%	4.4%	2.2%	2.1%
TERMINAL (d)	0/31 (0%)	2/38 (5%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	---	727 (T)	584	727 (T)

**STATISTICAL TESTS**

POLY 3	P=0.531	P=0.243	P=0.502	P=0.513
POLY 1.5	P=0.518	P=0.240	P=0.500	P=0.508
POLY 6	P=0.545	P=0.249	P=0.506	P=0.520
COCH-ARM / FISHERS	P=0.500	P=0.247	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.290	P=0.081	P=0.161	P=0.175

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Tooth  
 Dysplasia

**LESION RATES**

OVERALL (a)	0/0 (0%)	0/0 (0%)	0/2 (0%)	2/3 (67%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/1.92	2/3.00
POLY-3 PERCENT (g)	0%	0%	0%	66.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/1 (0%)	1/2 (50%)
FIRST INCIDENCE	---	---	---	657

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.288	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Tooth: Peridontal Tissue  
 Fibrosis

**LESION RATES**

OVERALL (a)	0/0 (0%)	0/0 (0%)	0/2 (0%)	2/3 (67%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/1.92	2/3.00
POLY-3 PERCENT (g)	0%	0%	0%	66.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/1 (0%)	1/2 (50%)
FIRST INCIDENCE	---	---	---	657

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.288	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Uterus: Endometrium  
 Hyperplasia Cystic

**LESION RATES**

OVERALL (a)	49/50 (98%)	47/50 (94%)	48/50 (96%)	50/50 (100%)
POLY-3 RATE (b)	49/49.95	47/49.03	48/49.17	50/50.00
POLY-3 PERCENT (g)	98.1%	95.9%	97.6%	100%
TERMINAL (d)	31/31 (100%)	37/38 (97%)	37/37 (100%)	37/37 (100%)
FIRST INCIDENCE	472	386	411	554

**STATISTICAL TESTS**

POLY 3	P=0.246	P=0.473N	P=0.716N	P=0.522
POLY 1.5	P=0.239	P=0.401N	P=0.636N	P=0.511
POLY 6	P=0.262	P=0.551N	P=0.786N	P=0.545
COCH-ARM / FISHERS	P=0.242	P=0.309N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.202	P=0.246N	P=0.429N	P=0.159

**TDMS No.** 99028 - 06  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
bis(2-Chloroethoxy)methane  
**CAS Number:** 111-91-1

**Date Report Requested:** 04/07/2008  
**Time Report Requested:** 11:52:50  
**First Dose M/F:** 10/03/02 / 10/02/02  
**Lab:** BAT

## **LEGEND**

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

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