

**Experiment Number:** 99028-03  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N

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

**Test Compound:** bis(2-Chloroethoxy)methane

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

**Date Report Requested:** 10/17/2014

**Time Report Requested:** 22:42:37

**First Dose M/F:** NA / NA

**Lab:** BAT

<b>C Number:</b>	C99028
<b>Lock Date:</b>	09/03/2002
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

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**First Dose M/F:** NA / NA

**Lab:** BAT

**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF BIS(2-CHLOROETHOXY)METHANE**

**MALE RAT**

**Organ**

Harderian Gland

Heart

Heart: Atrium

Heart: Myocardium

Kidney

Kidney: Papilla, Renal Tubule

Liver

Lymph Node, Mesenteric

Nose: Olfactory Epi

Skin: SOA Epidermis

Spleen

Thymus

**FEMALE RAT**

**Organ**

Harderian Gland

Heart

Heart: Myocardium

Kidney: Renal Tubule

Liver

Lymph Node, Mesenteric

**Morphology**

Pigmentation Porphyrin

Infiltration Cellular Mononuclear Cl

Cardiomyopathy

Thrombosis

Necrosis

Vacuolization Cytoplasmic

Nephropathy

Mineralization

Hepatodiaphragmatic Nodule

Necrosis Lymphoid

Atrophy

Degeneration

Inflammation

Hyperplasia

Necrosis Lymphoid

Atrophy

Necrosis

Atrophy

**Morphology**

Pigmentation Porphyrin

Cardiomyopathy

Infiltration Cellular Mononuclear Cl

Necrosis

Vacuolization Cytoplasmic

Regeneration

Inflammation Chronic

Hepatodiaphragmatic Nodule

Necrosis Lymphoid

**Experiment Number:** 99028-03

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**First Dose M/F:** NA / NA

**Lab:** BAT

**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF BIS(2-CHLOROETHOXY)METHANE**

Nose: Olfactory Epi  
Skin: SOA Epidermis  
Spleen

Thymus

Degeneration  
Hyperplasia  
Necrosis Lymphoid  
Atrophy  
Necrosis  
Atrophy

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Adrenal Cortex</b>						
<b>Hyperplasia Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
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**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Brain</b>						
<b>Mineralization Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.735N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.697N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.755N
COCH-ARM / FISHERS	P=0.171N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.159N	P=0.458N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
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 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Harderian Gland Hemorrhage</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.348N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.735N
POLY 1.5	P=0.343N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.697N
POLY 6	P=0.349N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.755N
COCH-ARM / FISHERS	P=0.276N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.625N	P=0.159N	P=0.159N	P=0.159N	P=0.159N	P=0.458N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
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 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Harderian Gland</b>						
<b>Hyperplasia Lymphoid</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.348N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.735N
POLY 1.5	P=0.343N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.697N
POLY 6	P=0.349N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.755N
COCH-ARM / FISHERS	P=0.276N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.625N	P=0.159N	P=0.159N	P=0.159N	P=0.159N	P=0.458N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
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 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
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 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Harderian Gland</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	1/10.00	0/10.00	1/10.00	0/1.06
POLY-3 PERCENT (g)	10%	0%	10%	0%	10%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	93(T)	---	93(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.593	P=0.500N	P=0.760	P=0.500N	P=0.760	P=0.735N
POLY 1.5	P=0.610	P=0.500N	P=0.760	P=0.500N	P=0.760	P=0.697N
POLY 6	P=0.589	P=0.500N	P=0.760	P=0.500N	P=0.760	P=0.755N
COCH-ARM / FISHERS	P=0.417N	P=0.500N	P=0.763N	P=0.500N	P=0.763N	P=0.500N
MAX-ISO-POLY-3	P=0.782N	P=0.159N	P=1.000	P=0.159N	P=1.000	P=0.458N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03  
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 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
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 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Harderian Gland</b>						
<b>Pigmentation Porphyrin</b>						
<b>LESION RATES</b>						
OVERALL(a)	2/10 (20%)	4/10 (40%)	5/10 (50%)	1/10 (10%)	5/10 (50%)	8/10 (80%)
POLY-3 RATE (b)	2/10.00	4/10.00	5/10.00	1/10.00	5/10.00	8/8.12
POLY-3 PERCENT (g)	20%	40%	50%	10%	50%	98.5%
TERMINAL (d)	2/10 (20%)	4/10 (40%)	5/10 (50%)	1/10 (10%)	5/10 (50%)	0/0 (0%)
FIRST INCIDENCE	93(T)	93(T)	93(T)	93(T)	93(T)	5
<b>STATISTICAL TESTS</b>						
POLY 3	P<0.001**	P=0.318	P=0.174	P=0.500N	P=0.174	P=0.000**
POLY 1.5	P=0.002**	P=0.318	P=0.174	P=0.500N	P=0.174	P=0.000**
POLY 6	P<0.001**	P=0.318	P=0.174	P=0.500N	P=0.174	P=0.000**
COCH-ARM / FISHERS	P=0.007**	P=0.314	P=0.175	P=0.500N	P=0.175	P=0.012*
MAX-ISO-POLY-3	P<0.001**	P=0.172	P=0.080	P=0.274N	P=0.080	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
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 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
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 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart</b>						
<b>Cardiomyopathy</b>						
<b>LESION RATES</b>						
OVERALL(a)	10/10 (100%)	8/10 (80%)	10/10 (100%)	10/10 (100%)	2/10 (20%)	1/10 (10%)
POLY-3 RATE (b)	10/10.00	8/10.00	10/10.00	10/10.00	2/10.00	1/1.93
POLY-3 PERCENT (g)	100%	80%	100%	100%	20%	51.8%
TERMINAL (d)	10/10 (100%)	8/10 (80%)	10/10 (100%)	10/10 (100%)	2/10 (20%)	0/0 (0%)
FIRST INCIDENCE	93(T)	93(T)	93(T)	93(T)	93(T)	47
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000N**	P=0.227N	(e)	(e)	P=0.000N**	P=0.113N
POLY 1.5	P=0.000N**	P=0.227N	(e)	(e)	P=0.000N**	P=0.002N**
POLY 6	P=0.000N**	P=0.227N	(e)	(e)	P=0.000N**	P=1.000N
COCH-ARM / FISHERS	P=0.000N**	P=0.237N	(e)	(e)	P=0.000N**	P=0.000N**
MAX-ISO-POLY-3	P=0.000N**	P=0.067N	(e)	(e)	P=0.000N**	P=0.007N**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
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 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
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 CAS Number: 111-91-1

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 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart</b>						
<b>Fibrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/1.70
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	58.8%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	66
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.573	(e)	(e)	(e)	(e)	P=0.265
POLY 1.5	P=0.419	(e)	(e)	(e)	(e)	P=0.304
POLY 6	P=0.653	(e)	(e)	(e)	(e)	P=0.246
COCH-ARM / FISHERS	P=0.095	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.071	(e)	(e)	(e)	(e)	P=0.140
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
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 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart</b>						
<b>Infiltration Cellular Mononuclear CI</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	7/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	70%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93(T)	2
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.000**	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.000**	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.002**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
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 Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
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 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart</b>						
<b>Mineralization</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.348N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.735N
POLY 1.5	P=0.343N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.697N
POLY 6	P=0.349N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.755N
COCH-ARM / FISHERS	P=0.276N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.625N	P=0.159N	P=0.159N	P=0.159N	P=0.159N	P=0.458N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart: Atrium</b>						
<b>Thrombosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	3/4.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	73.9%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	5
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.023*	(e)	(e)	(e)	(e)	P=0.008**
POLY 1.5	P=0.006**	(e)	(e)	(e)	(e)	P=0.019*
POLY 6	P=0.055	(e)	(e)	(e)	(e)	P=0.004**
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	(e)	(e)	P=0.105
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.008**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart: Myocardium</b>						
<b>Necrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	7/7.44
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	94.1%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.002**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart: Myocardium</b>						
<b>Vacuolization Cytoplasmic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	6/10 (60%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	6/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	60%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	6/10 (60%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93(T)	2
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	P<0.001**	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	P<0.001**	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	P<0.001**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.005**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney</b>						
<b>Nephropathy</b>						
<b>LESION RATES</b>						
OVERALL(a)	7/10 (70%)	8/10 (80%)	8/10 (80%)	9/10 (90%)	7/10 (70%)	2/10 (20%)
POLY-3 RATE (b)	7/10.00	8/10.00	8/10.00	9/10.00	7/10.00	2/2.52
POLY-3 PERCENT (g)	70%	80%	80%	90%	70%	79.4%
TERMINAL (d)	7/10 (70%)	8/10 (80%)	8/10 (80%)	9/10 (90%)	7/10 (70%)	0/0 (0%)
FIRST INCIDENCE	93(T)	93(T)	93(T)	93(T)	93(T)	53
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.551N	P=0.500	P=0.500	P=0.292	P=0.678	P=0.630
POLY 1.5	P=0.450N	P=0.500	P=0.500	P=0.292	P=0.678	P=0.579N
POLY 6	P=0.582N	P=0.500	P=0.500	P=0.292	P=0.678	P=0.519
COCH-ARM / FISHERS	P=0.003N**	P=0.500	P=0.500	P=0.291	P=0.686N	P=0.035N*
MAX-ISO-POLY-3	P=0.764	P=0.311	P=0.311	P=0.138	P=1.000	P=0.440
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:37  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Cortex</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Cortex, Renal Tubule</b>						
<b>Necrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Papilla</b>						
<b>Degeneration Muroid</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Papilla</b>						
<b>Mineralization</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Papilla, Renal Tubule Mineralization</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	2/2.93
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	68.3%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	5
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.188	(e)	(e)	(e)	(e)	P=0.055
POLY 1.5	P=0.091	(e)	(e)	(e)	(e)	P=0.079
POLY 6	P=0.287	(e)	(e)	(e)	(e)	P=0.044*
COCH-ARM / FISHERS	P=0.014*	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.006**	(e)	(e)	(e)	(e)	P=0.042*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Renal Tubule Regeneration</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Liver</b>						
<b>Hepatodiaphragmatic Nodule</b>						
<b>LESION RATES</b>						
OVERALL(a)	2/10 (20%)	2/2 (100%)	1/1 (100%)	2/2 (100%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	2/2.00	1/1.00	2/2.00	1/10.00	0/1.06
POLY-3 PERCENT (g)	20%	100%	100%	100%	10%	0%
TERMINAL (d)	2/10 (20%)	2/2 (100%)	1/1 (100%)	2/2 (100%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	93(T)	93(T)	93(T)	93(T)	93(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.079N	P=0.053	P=0.286	P=0.053	P=0.500N	P=0.640N
POLY 1.5	P=0.059N	P=0.053	P=0.286	P=0.053	P=0.500N	P=0.552N
POLY 6	P=0.084N	P=0.053	P=0.286	P=0.053	P=0.500N	P=0.689N
COCH-ARM / FISHERS	P=0.015N*	P=0.091	P=0.273	P=0.091	P=0.500N	P=0.237N
MAX-ISO-POLY-3	P=0.146N	P=0.023*	P=0.090	P=0.023*	P=0.274N	P=0.437N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 10 WEEKS

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Liver</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	2/10 (20%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/2.00	0/1.00	0/2.00	2/10.00	0/1.06
POLY-3 PERCENT (g)	20%	0%	0%	0%	20%	0%
TERMINAL (d)	2/10 (20%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	2/10 (20%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	93(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.556	P=0.627N	P=0.786N	P=0.627N	P=0.702	P=0.640N
POLY 1.5	P=0.593	P=0.627N	P=0.786N	P=0.627N	P=0.702	P=0.552N
POLY 6	P=0.547	P=0.627N	P=0.786N	P=0.627N	P=0.702	P=0.689N
COCH-ARM / FISHERS	P=0.249N	P=0.682N	P=0.818N	P=0.682N	P=0.709N	P=0.237N
MAX-ISO-POLY-3	P=0.764N	P=0.308N	P=0.369N	P=0.308N	P=1.000	P=0.437N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Liver: Hepatocyte, Periportal</b>						
<b>Vacuolization Cytoplasmic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/2.00	0/1.00	0/2.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lung</b>						
<b>Inflammation Acute</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lung</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	2/10.00	1/1.87
POLY-3 PERCENT (g)	20%	0%	0%	0%	20%	53.5%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	93(T)	53
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.702	P=0.489
POLY 1.5	(e)	(e)	(e)	(e)	P=0.702	P=0.590
POLY 6	(e)	(e)	(e)	(e)	P=0.702	P=0.427
COCH-ARM / FISHERS	P=0.372N	(e)	(e)	(e)	P=0.709N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=1.000	P=0.343
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lung</b>						
<b>Metaplasia Osseous</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 10 WEEKS

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lung: Alveolar Epith</b>						
<b>Hyperplasia Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.735N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.697N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.755N
COCH-ARM / FISHERS	P=0.171N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.159N	P=0.458N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lymph Node, Mesenteric Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	3/3.87
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	77.5%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.028*	(e)	(e)	(e)	(e)	P=0.007**
POLY 1.5	P=0.009**	(e)	(e)	(e)	(e)	P=0.016*
POLY 6	P=0.057	(e)	(e)	(e)	(e)	P=0.004**
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	(e)	(e)	P=0.105
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.008**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lymph Node, Mesenteric Congestion</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/1.87
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	53.5%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	53
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.549	(e)	(e)	(e)	(e)	P=0.271
POLY 1.5	P=0.400	(e)	(e)	(e)	(e)	P=0.309
POLY 6	P=0.640	(e)	(e)	(e)	(e)	P=0.249
COCH-ARM / FISHERS	P=0.095	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.071	(e)	(e)	(e)	(e)	P=0.141
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lymph Node, Mesenteric</b>						
<b>Necrosis Lymphoid</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	9/9.19
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	97.9%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lymph Node: Mediastinal Congestion</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	1/1.00	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	0%	0%
TERMINAL (d)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Nose: Olfactory Epi Degeneration</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/9 (78%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	7/7.49
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	93.5%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	5
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)**  
**LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Nose: Olfactory Epi Inflammation Acute</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Pancreas: Acinus</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.735N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.697N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.755N
COCH-ARM / FISHERS	P=0.171N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.159N	P=0.458N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Pituitary Gland: Rathkes Cleft Cyst</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Prostate Inflammation</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	1/2.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	48.5%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	5
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.277
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.323
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.250
COCH-ARM / FISHERS	P=0.248	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.141
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Skin: SOA Dermis</b>						
<b>Fibrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)	0/10 (0%)
POLY-3 RATE (b)	4/10.00	0/0.00	0/0.00	0/0.00	4/10.00	0/1.06
POLY-3 PERCENT (g)	40%	0%	0%	0%	40%	0%
TERMINAL (d)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	93(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.667	P=0.544N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.667	P=0.379N
POLY 6	(e)	(e)	(e)	(e)	P=0.667	P=0.641N
COCH-ARM / FISHERS	P=0.055N	(e)	(e)	(e)	P=0.675N	P=0.043N*
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=1.000	P=0.398N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Inflammation</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	2/2.98
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	67.1%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	5
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.056
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.080
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.044*
COCH-ARM / FISHERS	P=0.102	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.042*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Spleen</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 10 WEEKS

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Spleen</b>						
<b>Hematopoietic Cell Proliferation</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	20%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	93(T)	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.495N	(e)	P=0.227	(e)	(e)	(e)
POLY 1.5	P=0.476N	(e)	P=0.227	(e)	(e)	(e)
POLY 6	P=0.500N	(e)	P=0.227	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.305N	(e)	P=0.237	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.789N	(e)	P=0.067	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Spleen</b>						
<b>Necrosis Lymphoid</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	3/3.62
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	82.9%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	5
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.037*	(e)	(e)	(e)	(e)	P=0.006**
POLY 1.5	P=0.014*	(e)	(e)	(e)	(e)	P=0.012*
POLY 6	P=0.063	(e)	(e)	(e)	(e)	P=0.004**
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	(e)	(e)	P=0.105
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.007**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Stomach, Forestomach</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	1/2.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	48.5%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	5
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.277
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.323
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.250
COCH-ARM / FISHERS	P=0.248	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.141
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Stomach, Glandular</b>						
<b>Erosion Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Stomach, Glandular: Epithelium</b>						
<b>Mineralization</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Thymus Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	3/4.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	73.9%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	5
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.023*	(e)	(e)	(e)	(e)	P=0.008**
POLY 1.5	P=0.006**	(e)	(e)	(e)	(e)	P=0.019*
POLY 6	P=0.055	(e)	(e)	(e)	(e)	P=0.004**
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	(e)	(e)	P=0.105
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.008**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Thymus Hemorrhage</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/1.70
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	58.8%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	66
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.573	(e)	(e)	(e)	(e)	P=0.265
POLY 1.5	P=0.419	(e)	(e)	(e)	(e)	P=0.304
POLY 6	P=0.653	(e)	(e)	(e)	(e)	P=0.246
COCH-ARM / FISHERS	P=0.095	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.071	(e)	(e)	(e)	(e)	P=0.140
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Thymus</b>						
<b>Necrosis</b>						
<b>LESION RATES</b>						
<b>OVERALL(a)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	10/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	0%	0%	0%	100%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	---	---	---	---	2
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	P=0.000**	(e)	(e)	(e)	(e)	P=NA
<b>POLY 1.5</b>	P=0.000**	(e)	(e)	(e)	(e)	P=NA
<b>POLY 6</b>	P=0.000**	(e)	(e)	(e)	(e)	P=NA
<b>COCH-ARM / FISHERS</b>	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
<b>MAX-ISO-POLY-3</b>	P=0.000**	(e)	(e)	(e)	(e)	(e)
<b>HISTCONT SAME RTE</b>						
<b>HISTCONT ALL RTES</b>						
<b>CURR VS HC SAME RTE</b>						
<b>CURR VS HC ALL RTES</b>						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 10 WEEKS**

DOSE	MALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Trachea</b>						
<b>Infiltration Cellular Polymorphnuclr</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/1.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Adrenal Cortex</b>						
<b>Hyperplasia Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.488	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.467	(e)
COCH-ARM / FISHERS	P=0.554	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Brain</b>						
<b>Mineralization Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Clitoral Gland</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.521N	P=0.751N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.512N	P=0.711N
POLY 6	(e)	(e)	(e)	(e)	P=0.532N	P=0.760N
COCH-ARM / FISHERS	P=0.171N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.185N	P=0.483N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Harderian Gland</b>						
<b>Hemorrhage</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Harderian Gland</b>						
<b>Hyperplasia Lymphoid</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Harderian Gland</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	10%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	93(T)	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.489N	P=0.500	(e)	(e)	(e)	(e)
POLY 1.5	P=0.484N	P=0.500	(e)	(e)	(e)	(e)
POLY 6	P=0.482N	P=0.500	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.360N	P=0.500	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.815N	P=0.159	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 11 WEEKS

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Harderian Gland</b>						
<b>Pigmentation Porphyrin</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	4/10 (40%)	2/10 (20%)	0/10 (0%)	2/10 (20%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	4/10.00	2/10.00	0/10.00	2/10.00	4/4.29
POLY-3 PERCENT (g)	0%	40%	20%	0%	20%	93.2%
TERMINAL (d)	0/10 (0%)	4/10 (40%)	2/10 (20%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	93(T)	93(T)	---	73	23
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.111	P=0.033*	P=0.227	(e)	P=0.227	P=0.000**
POLY 1.5	P=0.089	P=0.033*	P=0.227	(e)	P=0.227	P<0.001**
POLY 6	P=0.120	P=0.033*	P=0.227	(e)	P=0.227	P=0.000**
COCH-ARM / FISHERS	P=0.111	P=0.043*	P=0.237	(e)	P=0.237	P=0.043*
MAX-ISO-POLY-3	P=0.012*	P=0.007**	P=0.067	(e)	P=0.067	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart</b>						
<b>Cardiomyopathy</b>						
<b>LESION RATES</b>						
OVERALL(a)	8/10 (80%)	6/10 (60%)	8/10 (80%)	4/10 (40%)	3/10 (30%)	0/10 (0%)
POLY-3 RATE (b)	8/10.00	6/10.00	8/10.00	4/10.00	3/8.99	0/0.42
POLY-3 PERCENT (g)	80%	60%	80%	40%	33.4%	0%
TERMINAL (d)	8/10 (80%)	6/10 (60%)	8/10 (80%)	4/10 (40%)	3/8 (38%)	0/0 (0%)
FIRST INCIDENCE	93(T)	93(T)	93(T)	93(T)	93(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.009N**	P=0.318N	P=0.702	P=0.077N	P=0.042N*	P=0.577N
POLY 1.5	P=0.004N**	P=0.318N	P=0.702	P=0.077N	P=0.033N*	P=0.151N
POLY 6	P=0.013N*	P=0.318N	P=0.702	P=0.077N	P=0.058N	P=0.696N
COCH-ARM / FISHERS	P=0.000N**	P=0.314N	P=0.709N	P=0.085N	P=0.035N*	P=0.000N**
MAX-ISO-POLY-3	P=0.015N*	P=0.172N	P=1.000	P=0.029N*	P=0.017N*	P=0.400N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart</b>						
<b>Fibrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 11 WEEKS

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart</b>						
<b>Infiltration Cellular Mononuclear CI</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)	6/10 (60%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	7/10.00	6/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	70%	60%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)	4/8 (50%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93(T)	73	22
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.000**	P<0.001**	P=NA
POLY 1.5	P=0.000**	(e)	(e)	P=0.000**	P<0.001**	P=NA
POLY 6	P=0.000**	(e)	(e)	P=0.000**	P<0.001**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.002**	P=0.005**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.000**	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart Mineralization</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93(T)	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.588	(e)	(e)	P=0.500	(e)	(e)
POLY 1.5	P=0.622	(e)	(e)	P=0.500	(e)	(e)
POLY 6	P=0.552	(e)	(e)	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.640N	(e)	(e)	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.815	(e)	(e)	P=0.159	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart: Atrium</b>						
<b>Thrombosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart: Myocardium</b>						
<b>Necrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	1/9.50	5/5.19
POLY-3 PERCENT (g)	0%	0%	0%	10%	10.5%	96.3%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93(T)	73	22
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.500	P=0.490	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	P=0.500	P=0.494	P=0.000**
POLY 6	P=0.000**	(e)	(e)	P=0.500	P=0.484	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.500	P=0.500	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.159	P=0.159	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Heart: Myocardium</b>						
<b>Vacuolization Cytoplasmic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	5/10 (50%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	2/10.00	5/10.00	9/9.01
POLY-3 PERCENT (g)	0%	0%	0%	20%	50%	99.9%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	3/8 (38%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93(T)	73	23
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.227	P=0.008**	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	P=0.227	P=0.008**	P=0.000**
POLY 6	P=0.000**	(e)	(e)	P=0.227	P=0.008**	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.237	P=0.016*	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.067	P<0.001**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 11 WEEKS

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney</b>						
<b>Nephropathy</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	1/10 (10%)	1/10 (10%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	1/10.00	1/10.00	1/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	10%	10%	10%	10%	0%	0%
TERMINAL (d)	1/10 (10%)	1/10 (10%)	1/10 (10%)	1/10 (10%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	93(T)	93(T)	93(T)	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.305N	P=0.760	P=0.760	P=0.760	P=0.521N	P=0.751N
POLY 1.5	P=0.283N	P=0.760	P=0.760	P=0.760	P=0.512N	P=0.711N
POLY 6	P=0.317N	P=0.760	P=0.760	P=0.760	P=0.532N	P=0.760N
COCH-ARM / FISHERS	P=0.136N	P=0.763N	P=0.763N	P=0.763N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.553N	P=1.000	P=1.000	P=1.000	P=0.185N	P=0.483N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Cortex</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93(T)	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.588	(e)	(e)	P=0.500	(e)	(e)
POLY 1.5	P=0.622	(e)	(e)	P=0.500	(e)	(e)
POLY 6	P=0.552	(e)	(e)	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.640N	(e)	(e)	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.815	(e)	(e)	P=0.159	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Cortex, Renal Tubule</b>						
<b>Necrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/8.99	1/1.37
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	73%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	34
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.579	(e)	(e)	(e)	(e)	P=0.255
POLY 1.5	P=0.405	(e)	(e)	(e)	(e)	P=0.300
POLY 6	P=0.612	(e)	(e)	(e)	(e)	P=0.244
COCH-ARM / FISHERS	P=0.095	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.071	(e)	(e)	(e)	(e)	P=0.138
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Papilla</b>						
<b>Degeneration Muroid</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93(T)	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.588	(e)	(e)	P=0.500	(e)	(e)
POLY 1.5	P=0.622	(e)	(e)	P=0.500	(e)	(e)
POLY 6	P=0.552	(e)	(e)	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.640N	(e)	(e)	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.815	(e)	(e)	P=0.159	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Papilla Mineralization</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.330N	P=0.500N	P=0.500N	P=0.500N	P=0.521N	P=0.751N
POLY 1.5	P=0.335N	P=0.500N	P=0.500N	P=0.500N	P=0.512N	P=0.711N
POLY 6	P=0.318N	P=0.500N	P=0.500N	P=0.500N	P=0.532N	P=0.760N
COCH-ARM / FISHERS	P=0.276N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.595N	P=0.159N	P=0.159N	P=0.159N	P=0.185N	P=0.483N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Papilla, Renal Tubule Mineralization</b>						
<b>LESION RATES</b>						
OVERALL(a)	4/10 (40%)	6/10 (60%)	6/10 (60%)	4/10 (40%)	4/10 (40%)	5/10 (50%)
POLY-3 RATE (b)	4/10.00	6/10.00	6/10.00	4/10.00	4/9.48	5/5.21
POLY-3 PERCENT (g)	40%	60%	60%	40%	42.2%	96%
TERMINAL (d)	4/10 (40%)	6/10 (60%)	6/10 (60%)	4/10 (40%)	3/8 (38%)	0/0 (0%)
FIRST INCIDENCE	93(T)	93(T)	93(T)	93(T)	74	22
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.346	P=0.333	P=0.333	P=0.667	P=0.635	P=0.065
POLY 1.5	P=0.389	P=0.333	P=0.333	P=0.667	P=0.649	P=0.124
POLY 6	P=0.318	P=0.333	P=0.333	P=0.667	P=0.618	P=0.054
COCH-ARM / FISHERS	P=0.439N	P=0.328	P=0.328	P=0.675N	P=0.675N	P=0.500
MAX-ISO-POLY-3	P=0.161	P=0.194	P=0.194	P=1.000	P=0.464	P=0.052
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 11 WEEKS

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Kidney: Renal Tubule Regeneration</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/8.99	3/3.24
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	92.6%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	34
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.036*	(e)	(e)	(e)	(e)	P=0.004**
POLY 1.5	P=0.014*	(e)	(e)	(e)	(e)	P=0.009**
POLY 6	P=0.038*	(e)	(e)	(e)	(e)	P=0.003**
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	(e)	(e)	P=0.105
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.006**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Liver</b>						
<b>Hepatodiaphragmatic Nodule</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	3/3 (100%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	3/3.00	0/0.00	0/0.00	1/8.99	1/1.38
POLY-3 PERCENT (g)	10%	100%	0%	0%	11.1%	72.5%
TERMINAL (d)	1/10 (10%)	3/3 (100%)	0/0 (0%)	0/0 (0%)	1/8 (12%)	0/0 (0%)
FIRST INCIDENCE	93(T)	93(T)	---	---	93(T)	31
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.000**	(e)	(e)	P=0.737	P=0.376
POLY 1.5	(e)	P=0.000**	(e)	(e)	P=0.747	P=0.467
POLY 6	(e)	P=0.000**	(e)	(e)	P=0.723	P=0.353
COCH-ARM / FISHERS	P=0.143N	P=0.014*	(e)	(e)	P=0.763N	P=0.763N
MAX-ISO-POLY-3	(e)	P=0.000**	(e)	(e)	P=0.472	P=0.254
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 11 WEEKS

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Liver</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	8/10 (80%)	1/3 (33%)	0/0 (0%)	0/0 (0%)	5/10 (50%)	0/10 (0%)
POLY-3 RATE (b)	8/10.00	1/3.00	0/0.00	0/0.00	5/8.99	0/0.42
POLY-3 PERCENT (g)	80%	33.3%	0%	0%	55.6%	0%
TERMINAL (d)	8/10 (80%)	1/3 (33%)	0/0 (0%)	0/0 (0%)	5/8 (62%)	0/0 (0%)
FIRST INCIDENCE	93(T)	93(T)	---	---	93(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.201N	(e)	(e)	P=0.257N	P=0.577N
POLY 1.5	(e)	P=0.201N	(e)	(e)	P=0.217N	P=0.151N
POLY 6	(e)	P=0.201N	(e)	(e)	P=0.318N	P=0.696N
COCH-ARM / FISHERS	P=0.001N**	P=0.203N	(e)	(e)	P=0.175N	P=0.000N**
MAX-ISO-POLY-3	(e)	P=0.105N	(e)	(e)	P=0.138N	P=0.400N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Liver: Hepatocyte, Periportal</b>						
<b>Vacuolization Cytoplasmic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/3 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/3.00	0/0.00	0/0.00	1/9.50	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.5%	0%
TERMINAL (d)	0/10 (0%)	0/3 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	73	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.490	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.494	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.484	(e)
COCH-ARM / FISHERS	P=0.512	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.159	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lung</b>						
<b>Inflammation Acute</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/8.99	1/1.39
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	71.9%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	29
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.255
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.301
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.244
COCH-ARM / FISHERS	P=0.248	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.138
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lung</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/8.99	1/1.38
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	72.5%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	32
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.252N	P=0.444
POLY 1.5	(e)	(e)	(e)	(e)	P=0.241N	P=0.568
POLY 6	(e)	(e)	(e)	(e)	P=0.267N	P=0.410
COCH-ARM / FISHERS	P=0.232N	(e)	(e)	(e)	P=0.237N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.090N	P=0.318
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lung</b>						
<b>Metaplasia Osseous</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.521N	P=0.751N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.512N	P=0.711N
POLY 6	(e)	(e)	(e)	(e)	P=0.532N	P=0.760N
COCH-ARM / FISHERS	P=0.171N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.185N	P=0.483N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lung: Alveolar Epith</b>						
<b>Hyperplasia Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lymph Node, Mesenteric Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.00	0/8.99	1/1.38
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	72.5%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	32
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.576	(e)	(e)	(e)	(e)	P=0.255
POLY 1.5	P=0.403	(e)	(e)	(e)	(e)	P=0.300
POLY 6	P=0.610	(e)	(e)	(e)	(e)	P=0.244
COCH-ARM / FISHERS	P=0.097	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.073	(e)	(e)	(e)	(e)	P=0.138
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lymph Node, Mesenteric Congestion</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 11 WEEKS

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lymph Node, Mesenteric</b>						
<b>Necrosis Lymphoid</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	2/10 (20%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.00	2/10.00	8/8.13
POLY-3 PERCENT (g)	0%	0%	0%	0%	20%	98.4%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	73	22
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.227	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.227	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.227	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.237	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.067	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Lymph Node: Mediastinal Congestion</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Nose: Olfactory Epi Degeneration</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	4/9 (44%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00	3/10.00	4/4.17
POLY-3 PERCENT (g)	0%	10%	0%	0%	30%	95.9%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/8 (12%)	0/0 (0%)
FIRST INCIDENCE	---	93(T)	---	---	73	29
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	P=0.500	(e)	(e)	P=0.095	P=0.000**
POLY 1.5	P=0.000**	P=0.500	(e)	(e)	P=0.095	P=0.000**
POLY 6	P=0.000**	P=0.500	(e)	(e)	P=0.095	P=0.000**
COCH-ARM / FISHERS	P=0.000**	P=0.500	(e)	(e)	P=0.105	P=0.033*
MAX-ISO-POLY-3	P=0.000**	P=0.159	(e)	(e)	P=0.025*	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Nose: Olfactory Epi Inflammation Acute</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00	0/8.99	0/0.35
POLY-3 PERCENT (g)	0%	10%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	93(T)	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.489N	P=0.500	(e)	(e)	(e)	(e)
POLY 1.5	P=0.486N	P=0.500	(e)	(e)	(e)	(e)
POLY 6	P=0.482N	P=0.500	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.369N	P=0.500	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.818N	P=0.159	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Ovary</b>						
<b>Cyst</b>						
<b>LESION RATES</b>						
OVERALL(a)	2/10 (20%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	1/1.00	0/0.00	0/0.00	0/8.99	1/1.38
POLY-3 PERCENT (g)	20%	100%	0%	0%	0%	72.5%
TERMINAL (d)	2/10 (20%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	93(T)	93(T)	---	---	---	32
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.286	(e)	(e)	P=0.252N	P=0.444
POLY 1.5	(e)	P=0.286	(e)	(e)	P=0.241N	P=0.568
POLY 6	(e)	P=0.286	(e)	(e)	P=0.267N	P=0.410
COCH-ARM / FISHERS	P=0.121N	P=0.273	(e)	(e)	P=0.237N	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.090	(e)	(e)	P=0.090N	P=0.318
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Pancreas: Acinus</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 11 WEEKS

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Pituitary Gland: Rathkes Cleft Cyst</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.488	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.467	(e)
COCH-ARM / FISHERS	P=0.554	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Skin: SOA Dermis</b>						
<b>Fibrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/8.99	1/1.36
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	73.5%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	36
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.254
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.299
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.244
COCH-ARM / FISHERS	P=0.248	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.138
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	4/10.00	0/0.00	0/0.00	0/0.00	2/8.99	0/0.42
POLY-3 PERCENT (g)	40%	0%	0%	0%	22.2%	0%
TERMINAL (d)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/8 (25%)	0/0 (0%)
FIRST INCIDENCE	93(T)	---	---	---	93(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.372N	P=0.620N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.348N	P=0.433N
POLY 6	(e)	(e)	(e)	(e)	P=0.404N	P=0.665N
COCH-ARM / FISHERS	P=0.022N*	(e)	(e)	(e)	P=0.314N	P=0.043N*
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.222N	P=0.459N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Inflammation</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	2/9.48	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	21.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	74	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=0.214	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.219	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.207	(e)
COCH-ARM / FISHERS	P=0.461	(e)	(e)	(e)	P=0.237	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.066	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Spleen</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/9.50	9/9.06
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.5%	99.3%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	73	22
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.490	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.494	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.484	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.500	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.159	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Spleen</b>						
<b>Hematopoietic Cell Proliferation</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Spleen</b>						
<b>Necrosis Lymphoid</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/9.48	8/8.14
POLY-3 PERCENT (g)	0%	0%	0%	0%	10.5%	98.3%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	74	22
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.489	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.494	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.484	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.500	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.159	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/17/2014

Time Report Requested: 22:42:38

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 11 WEEKS

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Stomach, Forestomach</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Test Compound: bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Stomach, Glandular</b>						
<b>Erosion Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/8.99	1/1.38
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	72.5%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	32
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.578	(e)	(e)	(e)	(e)	P=0.255
POLY 1.5	P=0.403	(e)	(e)	(e)	(e)	P=0.300
POLY 6	P=0.611	(e)	(e)	(e)	(e)	P=0.244
COCH-ARM / FISHERS	P=0.095	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.071	(e)	(e)	(e)	(e)	P=0.138
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Stomach, Glandular: Epithelium</b>						
<b>Mineralization</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/8 (12%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.112	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	P=0.132	(e)	(e)	(e)	P=0.488	(e)
POLY 6	P=0.106	(e)	(e)	(e)	P=0.467	(e)
COCH-ARM / FISHERS	P=0.360	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.208	(e)	(e)	(e)	P=0.158	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Thymus</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/8.99	3/3.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	91.2%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	32
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.034*	(e)	(e)	(e)	(e)	P=0.004**
POLY 1.5	P=0.013*	(e)	(e)	(e)	(e)	P=0.010**
POLY 6	P=0.038*	(e)	(e)	(e)	(e)	P=0.003**
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	(e)	(e)	P=0.105
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.006**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Thymus</b>						
<b>Hemorrhage</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/8.99	0/0.42
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Thymus</b>						
<b>Necrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	2/10.00	8/8.14
POLY-3 PERCENT (g)	0%	0%	0%	0%	20%	98.3%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	73	22
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.227	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.227	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.227	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.237	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.067	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 99028-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/17/2014  
 Time Report Requested: 22:42:38  
 First Dose M/F: NA / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 11 WEEKS**

DOSE	FEMALE					
	0 MG/KG	50 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG	600 MG/KG
<b>Trachea</b>						
<b>Infiltration Cellular Polymorphnuclr</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/8.99	1/1.39
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	71.9%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	29
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.255
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.301
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.244
COCH-ARM / FISHERS	P=0.248	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.138
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Experiment Number:** 99028-03  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N

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

**Test Compound:** bis(2-Chloroethoxy)methane  
**CAS Number:** 111-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:42:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**LEGEND**

- (a) Number of tumor-bearing animals/number of animals examined at site.
  - (b) Number of tumor-bearing animals/Poly-3 number
  - (d) Observed incidence at terminal kill.
  - (e) Value of statistic cannot be computed.
  - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
  - (g) Poly-3 adjusted lifetime tumor incidence.
  - (n) No statistics are calculated if all dose groups have fewer than two tumors.
  - (I) Interim sacrifice
  - (T) Terminal sacrifice
  - # Tumor rates based on numbers of animals necropsied.
  - \* To the right of any statistical result, indicates significance at ( $P \leq 0.05$ ).
  - \*\* To the right of any statistical result, indicates significance at ( $P \leq 0.01$ ).
  - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

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