

Experiment Number: 97003-06
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1,2-Dibromo-2,4-dicyanobutane

CAS Number: 35691-65-7

Date Report Requested: 10/21/2014

Time Report Requested: 01:15:05

First Dose M/F: NA / NA

Lab: MBA

C Number:	C97003C
Lock Date:	10/27/2000
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF 1,2-DIBROMO-2,4-DICYANOBTANE

MALE MOUSE

Organ

Bone Marrow

Skin: SOA Dermis

Skin: SOA Dermis, Sebaceous GI

Skin: SOA Epidermis

Morphology

Hyperplasia

Inflammation Chronic Focal

Fibrosis

Hyperplasia

Parakeratosis Focal

Necrosis Focal

Hyperplasia

Hyperkeratosis

Exudate

Ulcer Focal

FEMALE MOUSE

Organ

Liver

Skin: SOA Dermis

Skin: SOA Dermis, Sebaceous GI

Skin: SOA Epidermis

Morphology

Inflammation Chronic Focal

Fibrosis

Inflammation Chronic Focal

Hyperplasia

Hyperkeratosis

Hyperplasia

Parakeratosis Focal

Hematopoietic Cell Proliferation

Spleen

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Adrenal Cortex						
Inflammation						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.366	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
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 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Adrenal Cortex: Subcapsular Hyperplasia Focal						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Bone Marrow						
Hyperplasia						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	3/10 (30%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	3/10.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	30%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	3/10 (30%)	4/10 (40%)
FIRST INCIDENCE	---	---	---	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P=0.500	P=0.095	P=0.033*
POLY 1.5	P<0.001**	(e)	(e)	P=0.500	P=0.095	P=0.033*
POLY 6	P<0.001**	(e)	(e)	P=0.500	P=0.095	P=0.033*
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.500	P=0.105	P=0.043*
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P=0.159	P=0.025*	P=0.007**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
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 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1,2-Dibromo-2,4-dicyanobutane
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 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Kidney						
Infiltration Cellular Mononuclear CI						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
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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 CAS Number: 35691-65-7

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Liver						
Inflammation Chronic Focal						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
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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 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Liver: Hepatocyte						
Inflammation Chronic Focal						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
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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 CAS Number: 35691-65-7

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Liver: Hepatocyte						
Necrosis Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Lung: Alveolus						
Hemorrhage Focal						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
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 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
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 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Nose: Respirat Epith, Septum						
Hyaline Droplet						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Salivary Glands						
Infiltration Cellular Lymphocyte Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.366	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
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
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
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 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Dermis						
Fibrosis						
LESION RATES						
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	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	90%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
STATISTICAL TESTS						
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: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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 Time Report Requested: 01:15:05
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Dermis						
Inflammation Chronic Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	1/10 (10%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	2/10.00	1/10.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	20%	10%	90%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	1/10 (10%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	P=0.227	P=0.500	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	P=0.227	P=0.500	P=0.000**
POLY 6	P=0.000**	(e)	(e)	P=0.227	P=0.500	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.237	P=0.500	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.067	P=0.159	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:05
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Dermis, Sebaceous GI						
Hyperplasia						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	6/10 (60%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	2/10.00	6/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	20%	60%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	6/10 (60%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	P=0.227	P<0.001**	P=NA
POLY 1.5	P=0.000**	(e)	(e)	P=0.227	P<0.001**	P=NA
POLY 6	P=0.000**	(e)	(e)	P=0.227	P<0.001**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.237	P=0.005**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.067	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Exudate						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	5/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	50%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.008**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.008**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.008**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Hyperkeratosis						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	(e)	P=NA	P=NA	P=NA
POLY 6	P=0.000**	(e)	(e)	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.000**	P=0.000**	P=0.000**
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: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Hyperplasia						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	(e)	P=NA	P=NA	P=NA
POLY 6	P=0.000**	(e)	(e)	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.000**	P=0.000**	P=0.000**
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: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Necrosis Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	2/10.00	6/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	20%	60%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	6/10 (60%)
FIRST INCIDENCE	---	---	---	---	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.227	P<0.001**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.227	P<0.001**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.227	P<0.001**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.237	P=0.005**
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: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Parakeratosis Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/10.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%	90%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	---	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.008**	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.008**	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.008**	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.016*	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P<0.001**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Ulcer Focal						
LESION RATES						
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	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
STATISTICAL TESTS						
POLY 3	P=0.007**	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	P=0.007**	(e)	(e)	(e)	(e)	P=0.227
POLY 6	P=0.007**	(e)	(e)	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.009**	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.008**	(e)	(e)	(e)	(e)	P=0.067
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Spleen						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	10%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.760
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.760
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.760
COCH-ARM / FISHERS	P=0.690	(e)	(e)	(e)	(e)	P=0.763N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=1.000
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Thymus						
Ectopic Thyroid						
LESION RATES						
OVERALL(a)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Thyroid Gland: Follicular Cel Cyst						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Urinary Bladder						
Infiltration Cellular						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	MALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Urinary Bladder						
Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Adrenal Cortex						
Inflammation						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Adrenal Cortex: Subcapsular Hyperplasia Focal						
LESION RATES						
OVERALL(a)	9/10 (90%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
POLY-3 RATE (b)	9/10.00	0/0.00	0/0.00	0/0.00	0/0.00	10/10.00
POLY-3 PERCENT (g)	90%	0%	0%	0%	0%	100%
TERMINAL (d)	9/10 (90%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
FIRST INCIDENCE	92(T)	---	---	---	---	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.366	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Bone Marrow						
Hyperplasia						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.366	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Kidney						
Infiltration Cellular Mononuclear CI						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Liver						
Inflammation Chronic Focal						
LESION RATES						
OVERALL(a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	0%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.095N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.095N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.095N
COCH-ARM / FISHERS	P=0.072N	(e)	(e)	(e)	(e)	P=0.105N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.025N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Liver: Hepatocyte						
Inflammation Chronic Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Liver: Hepatocyte						
Necrosis Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.366	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Lung: Alveolus						
Hemorrhage Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Nose: Respirat Epith, Septum						
Hyaline Droplet						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.366	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Salivary Glands						
Infiltration Cellular Lymphocyte Focal						
LESION RATES						
OVERALL(a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227N
COCH-ARM / FISHERS	P=0.160N	(e)	(e)	(e)	(e)	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.067N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Dermis						
Fibrosis						
LESION RATES						
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	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	90%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
STATISTICAL TESTS						
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: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Dermis						
Inflammation Chronic Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	4/10 (40%)	4/10 (40%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	4/10.00	4/10.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	20%	40%	40%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	4/10 (40%)	4/10 (40%)	4/10 (40%)
FIRST INCIDENCE	---	---	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.033*	(e)	P=0.227	P=0.033*	P=0.033*	P=0.033*
POLY 1.5	P=0.033*	(e)	P=0.227	P=0.033*	P=0.033*	P=0.033*
POLY 6	P=0.033*	(e)	P=0.227	P=0.033*	P=0.033*	P=0.033*
COCH-ARM / FISHERS	P=0.040*	(e)	P=0.237	P=0.043*	P=0.043*	P=0.043*
MAX-ISO-POLY-3	P=0.024*	(e)	P=0.067	P=0.007**	P=0.007**	P=0.007**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Dermis, Sebaceous GI						
Hyperplasia						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.008**	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.008**	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.008**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.016*	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P<0.001**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Exudate						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	92(T)	---	92(T)
STATISTICAL TESTS						
POLY 3	P=0.287	(e)	(e)	P=0.500	(e)	P=0.500
POLY 1.5	P=0.287	(e)	(e)	P=0.500	(e)	P=0.500
POLY 6	P=0.287	(e)	(e)	P=0.500	(e)	P=0.500
COCH-ARM / FISHERS	P=0.284	(e)	(e)	P=0.500	(e)	P=0.500
MAX-ISO-POLY-3	P=0.205	(e)	(e)	P=0.159	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Hyperkeratosis						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	3/10 (30%)	7/10 (70%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	3/10.00	7/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	30%	70%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	3/10 (30%)	7/10 (70%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	P=0.095	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	P=0.095	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	(e)	P=0.095	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.105	P=0.002**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.025*	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Hyperplasia						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	8/10 (80%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	8/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	20%	80%	90%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	8/10 (80%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	---	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	P=0.227	P=0.000**	P=0.000**	P=NA
POLY 1.5	P=0.000**	(e)	P=0.227	P=0.000**	P=0.000**	P=NA
POLY 6	P=0.000**	(e)	P=0.227	P=0.000**	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.237	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.067	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: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Necrosis Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.158	(e)	(e)	(e)	P=0.500	P=0.500
POLY 1.5	P=0.158	(e)	(e)	(e)	P=0.500	P=0.500
POLY 6	P=0.158	(e)	(e)	(e)	P=0.500	P=0.500
COCH-ARM / FISHERS	P=0.154	(e)	(e)	(e)	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.205	(e)	(e)	(e)	P=0.159	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Parakeratosis Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	20%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	---	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.017*	(e)	(e)	(e)	P=0.500	P=0.227
POLY 1.5	P=0.017*	(e)	(e)	(e)	P=0.500	P=0.227
POLY 6	P=0.017*	(e)	(e)	(e)	P=0.500	P=0.227
COCH-ARM / FISHERS	P=0.018*	(e)	(e)	(e)	P=0.500	P=0.237
MAX-ISO-POLY-3	P=0.030*	(e)	(e)	(e)	P=0.159	P=0.067
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Skin: SOA Epidermis						
Ulcer Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Spleen						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL(a)	0/10 (0%)	3/10 (30%)	2/10 (20%)	6/10 (60%)	4/10 (40%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	3/10.00	2/10.00	6/10.00	4/10.00	8/10.00
POLY-3 PERCENT (g)	0%	30%	20%	60%	40%	80%
TERMINAL (d)	0/10 (0%)	3/10 (30%)	2/10 (20%)	6/10 (60%)	4/10 (40%)	8/10 (80%)
FIRST INCIDENCE	---	92(T)	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	P=0.095	P=0.227	P<0.001**	P=0.033*	P=0.000**
POLY 1.5	P=0.000**	P=0.095	P=0.227	P<0.001**	P=0.033*	P=0.000**
POLY 6	P=0.000**	P=0.095	P=0.227	P<0.001**	P=0.033*	P=0.000**
COCH-ARM / FISHERS	P<0.001**	P=0.105	P=0.237	P=0.005**	P=0.043*	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.025*	P=0.067	P=0.000**	P=0.007**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Thymus						
Ectopic Thyroid						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Thyroid Gland: Follicular Cel Cyst						
LESION RATES						
OVERALL(a)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.521
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.521
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.521
COCH-ARM / FISHERS	P=0.386	(e)	(e)	(e)	(e)	P=0.526
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.179
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Urinary Bladder						
Infiltration Cellular						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.366	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 1,2-Dibromo-2,4-dicyanobutane
 CAS Number: 35691-65-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:15:06
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	VEHICLE CONTROL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Urinary Bladder						
Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-06
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1,2-Dibromo-2,4-dicyanobutane
CAS Number: 35691-65-7

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

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 ****