

**Experiment Number:** 97003-05  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N

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

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

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 15:51:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>C Number:</b>	C97003C
<b>Lock Date:</b>	10/27/2000
<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

**Experiment Number:** 97003-05

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

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

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

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

**CAS Number:** 35691-65-7

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 15:51:31

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

**Lab:** MBA

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

**MALE RAT**

**Organ**

Liver

Skin: Control Epider

Skin: SOA Dermis

Skin: SOA Dermis, Sebaceous GI

Skin: SOA Epidermis

**Morphology**

Hepatodiaphragmatic Nodule

Hyperkeratosis

Inflammation Chronic Focal

Hyperplasia

Exudate

Hyperkeratosis

Hyperplasia

**FEMALE RAT**

**Organ**

Liver

Lung: Alveolus

Ovary

Skin: SOA Dermis

Skin: SOA Dermis, Sebaceous GI

Skin: SOA Epidermis

**Morphology**

Hepatodiaphragmatic Nodule

Hepatodiaphragmatic Nodule Focal

Inflammation Diffuse

Cyst

Inflammation Chronic Focal

Hyperplasia

Hyperkeratosis

Hyperplasia

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Heart</b>						
<b>Inflammation Chronic Focal</b>						
<b>LESION RATES</b>						
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	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 97003-05

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 35691-65-7

Date Report Requested: 10/16/2014

Time Report Requested: 15:51:31

First Dose M/F: NA / NA

Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 2 WEEKS

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Kidney</b>						
<b>Casts Granular</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<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: 97003-05

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 35691-65-7

Date Report Requested: 10/16/2014

Time Report Requested: 15:51:31

First Dose M/F: NA / NA

Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 2 WEEKS

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Liver</b>						
<b>Hepatodiaphragmatic Nodule</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/2 (100%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	2/2.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/2 (100%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=1	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	P=1	P=0.500
POLY 6	(e)	(e)	(e)	(e)	P=1	P=0.500
COCH-ARM / FISHERS	P=0.562	(e)	(e)	(e)	P=0.015*	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.000**	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Liver</b>						
<b>Hepatodiaphragmatic Nodule Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/2 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/2.00	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%)	0/2 (0%)	0/10 (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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Liver</b>						
<b>Infiltration Cellular Mononuclear CI Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/2 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/2.00	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%)	0/2 (0%)	0/10 (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: 97003-05

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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

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

CAS Number: 35691-65-7

Date Report Requested: 10/16/2014

Time Report Requested: 15:51:31

First Dose M/F: NA / NA

Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Liver</b>						
<b>Inflammation Chronic Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/2 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/2.00	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%)	0/2 (0%)	0/10 (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: 97003-05

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 35691-65-7

Date Report Requested: 10/16/2014

Time Report Requested: 15:51:31

First Dose M/F: NA / NA

Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 2 WEEKS

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Lung</b>						
<b>Hemorrhage Focal</b>						
<b>LESION RATES</b>						
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	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Lung: Alveolus</b>						
<b>Inflammation Diffuse</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Lymph Node</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	0/1.00
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%)	0/1 (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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Lymph Node: Deep Cervical</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Mesentery: Fat</b>						
<b>Necrosis Focal</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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Nose</b>						
<b>Hemorrhage Focal</b>						
<b>LESION RATES</b>						
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	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 97003-05

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 35691-65-7

Date Report Requested: 10/16/2014

Time Report Requested: 15:51:31

First Dose M/F: NA / NA

Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 2 WEEKS

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Nose</b>						
<b>Infiltration Cellular Lymphocyte</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<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: 97003-05

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 35691-65-7

Date Report Requested: 10/16/2014

Time Report Requested: 15:51:31

First Dose M/F: NA / NA

Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 2 WEEKS

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Pancreas</b>						
<b>Atrophy Focal</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Pancreas</b>						
<b>Infiltration Cellular Lymphocyte Focal</b>						
<b>LESION RATES</b>						
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	93(T)	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Preputial Gland Ectasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.455
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.455
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.455
COCH-ARM / FISHERS	P=0.323	(e)	(e)	(e)	(e)	P=0.444
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.143
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Preputial Gland</b>						
<b>Inflammation Chronic Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/8.00
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%)	0/8 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.544N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.544N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.544N
COCH-ARM / FISHERS	P=0.409N	(e)	(e)	(e)	(e)	P=0.556N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.200N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 35691-65-7

Date Report Requested: 10/16/2014

Time Report Requested: 15:51:31

First Dose M/F: NA / NA

Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 2 WEEKS

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: Control Epider</b>						
<b>Hyperkeratosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	4/10 (40%)
POLY-3 RATE (b)	0/9.00	0/10.00	0/10.00	0/10.00	1/10.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	40%
TERMINAL (d)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	4/10 (40%)
FIRST INCIDENCE	---	---	---	---	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.521	P=0.044*
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.521	P=0.044*
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.521	P=0.044*
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.526	P=0.054
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.179	P=0.012*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 35691-65-7

Date Report Requested: 10/16/2014

Time Report Requested: 15:51:31

First Dose M/F: NA / NA

Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 2 WEEKS

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: Control Epider</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.00	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.123	(e)	(e)	(e)	(e)	P=0.521
POLY 1.5	P=0.123	(e)	(e)	(e)	(e)	P=0.521
POLY 6	P=0.123	(e)	(e)	(e)	(e)	P=0.521
COCH-ARM / FISHERS	P=0.120	(e)	(e)	(e)	(e)	P=0.526
MAX-ISO-POLY-3	P=0.095	(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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Dermis</b>						
<b>Inflammation Chronic Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	9/10 (90%)	9/10 (90%)
POLY-3 RATE (b)	0/9.00	0/10.00	0/10.00	2/10.00	9/10.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	20%	90%	90%
TERMINAL (d)	0/9 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	9/10 (90%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	93(T)	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.251	P=0.000**	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	P=0.251	P=0.000**	P=0.000**
POLY 6	P=0.000**	(e)	(e)	P=0.251	P=0.000**	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.263	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.084	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Dermis, Sebaceous GI</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	10/10 (100%)	9/10 (90%)
POLY-3 RATE (b)	0/9.00	0/10.00	0/10.00	3/10.00	10/10.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	30%	100%	90%
TERMINAL (d)	0/9 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	10/10 (100%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	93(T)	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.114	P=1	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	P=0.114	P=1	P=0.000**
POLY 6	P=0.000**	(e)	(e)	P=0.114	P=1	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.124	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.035*	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Exudate</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/9.00	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)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.007**	(e)	(e)	(e)	(e)	P=0.251
POLY 1.5	P=0.007**	(e)	(e)	(e)	(e)	P=0.251
POLY 6	P=0.007**	(e)	(e)	(e)	(e)	P=0.251
COCH-ARM / FISHERS	P=0.009**	(e)	(e)	(e)	(e)	P=0.263
MAX-ISO-POLY-3	P=0.013*	(e)	(e)	(e)	(e)	P=0.084
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Hyperkeratosis</b>						
<b>LESION RATES</b>						
<b>OVERALL(a)</b>	1/9 (11%)	8/10 (80%)	6/10 (60%)	8/10 (80%)	10/10 (100%)	10/10 (100%)
<b>POLY-3 RATE (b)</b>	1/9.00	8/10.00	6/10.00	8/10.00	10/10.00	10/10.00
<b>POLY-3 PERCENT (g)</b>	11.1%	80%	60%	80%	100%	100%
<b>TERMINAL (d)</b>	1/9 (11%)	8/10 (80%)	6/10 (60%)	8/10 (80%)	10/10 (100%)	10/10 (100%)
<b>FIRST INCIDENCE</b>	93(T)	93(T)	93(T)	93(T)	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	P=0.000**	P=0.000**	P=0.029*	P=0.000**	P=0.000**	P=0.000**
<b>POLY 1.5</b>	P=0.000**	P=0.000**	P=0.029*	P=0.000**	P=0.000**	P=0.000**
<b>POLY 6</b>	P=0.000**	P=0.000**	P=0.029*	P=0.000**	P=0.000**	P=0.000**
<b>COCH-ARM / FISHERS</b>	P=0.003**	P=0.004**	P=0.040*	P=0.004**	P=0.000**	P=0.000**
<b>MAX-ISO-POLY-3</b>	P=0.000**	P=0.000**	P=0.009**	P=0.000**	P=0.000**	P=0.000**
<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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/9 (11%)	5/10 (50%)	6/10 (60%)	9/10 (90%)	10/10 (100%)	9/10 (90%)
POLY-3 RATE (b)	1/9.00	5/10.00	6/10.00	9/10.00	10/10.00	9/10.00
POLY-3 PERCENT (g)	11.1%	50%	60%	90%	100%	90%
TERMINAL (d)	1/9 (11%)	5/10 (50%)	6/10 (60%)	9/10 (90%)	10/10 (100%)	9/10 (90%)
FIRST INCIDENCE	93(T)	93(T)	93(T)	93(T)	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P<0.001**	P=0.084	P=0.029*	P=0.000**	P=0.000**	P=0.000**
POLY 1.5	P<0.001**	P=0.084	P=0.029*	P=0.000**	P=0.000**	P=0.000**
POLY 6	P<0.001**	P=0.084	P=0.029*	P=0.000**	P=0.000**	P=0.000**
COCH-ARM / FISHERS	P=0.007**	P=0.091	P=0.040*	P<0.001**	P=0.000**	P<0.001**
MAX-ISO-POLY-3	P=0.000**	P=0.033*	P=0.009**	P=0.000**	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Parakeratosis Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.00	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.123	(e)	(e)	(e)	(e)	P=0.521
POLY 1.5	P=0.123	(e)	(e)	(e)	(e)	P=0.521
POLY 6	P=0.123	(e)	(e)	(e)	(e)	P=0.521
COCH-ARM / FISHERS	P=0.120	(e)	(e)	(e)	(e)	P=0.526
MAX-ISO-POLY-3	P=0.095	(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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 2 WEEKS**

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Testes: Germinal Epith</b>						
<b>Degeneration Focal</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
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: 97003-05

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 35691-65-7

Date Report Requested: 10/16/2014

Time Report Requested: 15:51:31

First Dose M/F: NA / NA

Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 2 WEEKS

DOSE	MALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Thymus</b>						
<b>Hemorrhage Focal</b>						
<b>LESION RATES</b>						
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	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Clitoral Gland</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/7 (14%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	1/7.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	14.3%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/7 (14%)
FIRST INCIDENCE	---	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.473
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.473
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.473
COCH-ARM / FISHERS	P=0.339	(e)	(e)	(e)	(e)	P=0.467
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.150
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Clitoral Gland</b>						
<b>Infiltration Cellular Lymphocyte Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
POLY-3 RATE (b)	1/8.00	0/0.00	0/0.00	0/0.00	0/0.00	0/7.00
POLY-3 PERCENT (g)	12.5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/8 (12%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.527N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.527N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.527N
COCH-ARM / FISHERS	P=0.391N	(e)	(e)	(e)	(e)	P=0.533N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.184N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Clitoral Gland</b>						
<b>Inflammation Chronic Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/7 (14%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	0/0.00	0/0.00	1/7.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	14.3%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/7 (14%)
FIRST INCIDENCE	---	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.473
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.473
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.473
COCH-ARM / FISHERS	P=0.339	(e)	(e)	(e)	(e)	P=0.467
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.150
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Heart</b>						
<b>Inflammation Chronic Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.94	0/0.00	2/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	20%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	93(T)	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	P=0.915N	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	P=0.914N	(e)	P=0.500
POLY 6	(e)	(e)	(e)	P=0.918N	(e)	P=0.500
COCH-ARM / FISHERS	P=0.390	(e)	(e)	P=0.909N	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.417N	(e)	P=0.274
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 35691-65-7

Date Report Requested: 10/16/2014

Time Report Requested: 15:51:31

First Dose M/F: NA / NA

Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Kidney</b>						
<b>Casts Granular</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.94	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	---	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
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=0.351	(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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Liver</b>						
<b>Hepatodiaphragmatic Nodule</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/0 (0%)	2/2 (100%)	0/1 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	2/2.00	0/0.94	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	100%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	2/2 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93(T)	---	93(T)	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	P=0.005**	P=0.915N	(e)	P=0.500N
POLY 1.5	(e)	(e)	P=0.005**	P=0.914N	(e)	P=0.500N
POLY 6	(e)	(e)	P=0.005**	P=0.918N	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.120N	(e)	P=0.045*	P=0.909N	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	P<0.001**	P=0.417N	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Liver</b>						
<b>Hepatodiaphragmatic Nodule Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/2 (0%)	1/1 (100%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/2.00	1/1.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	91	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	P=1	(e)	(e)
POLY 1.5	(e)	(e)	(e)	P=1	(e)	(e)
POLY 6	(e)	(e)	(e)	P=1	(e)	(e)
COCH-ARM / FISHERS	P=0.502N	(e)	(e)	P=0.091	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Liver</b>						
<b>Infiltration Cellular Mononuclear CI Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/2 (0%)	0/1 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/2.00	0/0.94	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
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=0.320	(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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Liver</b>						
<b>Inflammation Chronic Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	5/10 (50%)	0/0 (0%)	0/2 (0%)	0/1 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	5/10.00	0/0.00	0/2.00	0/0.94	0/0.00	3/10.00
POLY-3 PERCENT (g)	50%	0%	0%	0%	0%	30%
TERMINAL (d)	5/10 (50%)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	93(T)	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	P=0.303N	P=0.557N	(e)	P=0.329N
POLY 1.5	(e)	(e)	P=0.303N	P=0.547N	(e)	P=0.329N
POLY 6	(e)	(e)	P=0.303N	P=0.576N	(e)	P=0.329N
COCH-ARM / FISHERS	P=0.427N	(e)	P=0.318N	P=0.545N	(e)	P=0.325N
MAX-ISO-POLY-3	(e)	(e)	P=0.159N	P=0.265N	(e)	P=0.189N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Lung</b>						
<b>Hemorrhage Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.94	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	---	---	---	---	---	---
<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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Lung: Alveolus</b>						
<b>Inflammation Diffuse</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	1/1.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	91	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	P=1	(e)	(e)
POLY 1.5	(e)	(e)	(e)	P=1	(e)	(e)
POLY 6	(e)	(e)	(e)	P=1	(e)	(e)
COCH-ARM / FISHERS	P=0.469N	(e)	(e)	P=0.091	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Lymph Node</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/0 (0%)	0/2 (0%)	0/0 (0%)	1/1 (100%)	0/1 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/2.00	0/0.00	1/1.00	0/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	0%	0%
TERMINAL (d)	0/0 (0%)	0/2 (0%)	0/0 (0%)	1/1 (100%)	0/1 (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	P=0.998N	(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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Lymph Node: Deep Cervical</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/0 (0%)	2/2 (100%)	0/0 (0%)	0/1 (0%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	2/2.00	0/0.00	0/1.00	1/1.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	100%	0%
TERMINAL (d)	0/0 (0%)	2/2 (100%)	0/0 (0%)	0/1 (0%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93(T)	---	---	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	P=0.998	(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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Mesentery: Fat</b>						
<b>Necrosis Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	1/1.00	0/0.00	0/0.00	1/1.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	0%	0%	100%	0%
TERMINAL (d)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93(T)	---	---	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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Nose</b>						
<b>Hemorrhage Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.94	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	---	---	---	---	---	---
<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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Nose</b>						
<b>Infiltration Cellular Lymphocyte</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.94	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	93(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	P=0.915N	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	P=0.914N	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	P=0.918N	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.380N	(e)	(e)	P=0.909N	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.417N	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
Ovary						
Cyst						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/1.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	93(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	P=1	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=1	(e)
POLY 6	(e)	(e)	(e)	(e)	P=1	(e)
COCH-ARM / FISHERS	P=0.643N	(e)	(e)	(e)	P=0.091	(e)
MAX-ISO-POLY-3	(e)	(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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Pancreas</b>						
<b>Atrophy Focal</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:31  
 First Dose M/F: NA / NA  
 Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Pancreas</b>						
<b>Infiltration Cellular Lymphocyte Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	30%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	93(T)	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
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=0.432	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.311
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:32  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: Control Epider</b>						
<b>Hyperkeratosis</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	0/9.94	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.119	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.119	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.119	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.117	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.076	(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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:32  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: Control Epider</b>						
<b>Hyperplasia</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	0/9.94	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%)	0/9 (0%)	0/10 (0%)	0/10 (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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:32  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Dermis</b>						
<b>Inflammation Chronic Focal</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	10/10 (100%)	7/10 (70%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	10/10.00	7/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	20%	100%	70%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	9/9 (100%)	7/10 (70%)	10/10 (100%)
FIRST INCIDENCE	---	---	93(T)	91	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	P=0.227	P=1	P=0.000**	P=1
POLY 1.5	P=0.000**	(e)	P=0.227	P=1	P=0.000**	P=1
POLY 6	P=0.000**	(e)	P=0.227	P=1	P=0.000**	P=1
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.237	P=0.000**	P=0.002**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.067	(e)	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:32  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Dermis, Sebaceous GI</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.94	2/10.00	3/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	20%	30%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	2/10 (20%)	3/10 (30%)
FIRST INCIDENCE	---	---	---	---	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.002**	(e)	(e)	(e)	P=0.227	P=0.095
POLY 1.5	P=0.002**	(e)	(e)	(e)	P=0.227	P=0.095
POLY 6	P=0.002**	(e)	(e)	(e)	P=0.227	P=0.095
COCH-ARM / FISHERS	P=0.003**	(e)	(e)	(e)	P=0.237	P=0.105
MAX-ISO-POLY-3	P=0.003**	(e)	(e)	(e)	P=0.067	P=0.025*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:32  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Exudate</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	0/9.94	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%)	0/9 (0%)	0/10 (0%)	0/10 (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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:32  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Hyperkeratosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	4/10 (40%)	6/10 (60%)	10/10 (100%)	10/10 (100%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	4/10.00	6/10.00	10/10.00	10/10.00	9/10.00
POLY-3 PERCENT (g)	0%	40%	60%	100%	100%	90%
TERMINAL (d)	0/10 (0%)	4/10 (40%)	6/10 (60%)	9/9 (100%)	10/10 (100%)	9/10 (90%)
FIRST INCIDENCE	---	93(T)	93(T)	91	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	P=0.033*	P<0.001**	P=1	P=1	P=0.000**
POLY 1.5	P=0.000**	P=0.033*	P<0.001**	P=1	P=1	P=0.000**
POLY 6	P=0.000**	P=0.033*	P<0.001**	P=1	P=1	P=0.000**
COCH-ARM / FISHERS	P=0.003**	P=0.043*	P=0.005**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.007**	P=0.000**	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:32  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
<b>OVERALL(a)</b>	0/10 (0%)	0/10 (0%)	1/10 (10%)	10/10 (100%)	7/10 (70%)	10/10 (100%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00	1/10.00	10/10.00	7/10.00	10/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	10%	100%	70%	100%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	1/10 (10%)	9/9 (100%)	7/10 (70%)	10/10 (100%)
<b>FIRST INCIDENCE</b>	---	---	93(T)	91	93(T)	93(T)
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	P=0.000**	(e)	P=0.500	P=1	P=0.000**	P=1
<b>POLY 1.5</b>	P=0.000**	(e)	P=0.500	P=1	P=0.000**	P=1
<b>POLY 6</b>	P=0.000**	(e)	P=0.500	P=1	P=0.000**	P=1
<b>COCH-ARM / FISHERS</b>	P=0.000**	(e)	P=0.500	P=0.000**	P=0.002**	P=0.000**
<b>MAX-ISO-POLY-3</b>	P=0.000**	(e)	P=0.159	(e)	P=0.000**	(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: 97003-05

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 35691-65-7

Date Report Requested: 10/16/2014

Time Report Requested: 15:51:32

First Dose M/F: NA / NA

Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Skin: SOA Epidermis</b>						
<b>Parakeratosis 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	0/9.94	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%)	0/9 (0%)	0/10 (0%)	0/10 (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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:32  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Thymus</b>						
<b>Hemorrhage Focal</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<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: 97003-05  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014  
 Time Report Requested: 15:51:32  
 First Dose M/F: NA / NA  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
 LAST REMOVAL AT 13 WEEKS**

DOSE	FEMALE					
	CONTROL SPECIAL	0.2 MG/KG	0.6 MG/KG	2.0 MG/KG	6.0 MG/KG	18.0 MG/KG
<b>Uterus</b>						
<b>Hydrometra</b>						
<b>LESION RATES</b>						
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	93(T)	---	---	---	---	93(T)
<b>STATISTICAL TESTS</b>						
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:** 97003-05

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

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

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

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

**CAS Number:** 35691-65-7

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 15:51:32

**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 \*\***