Experiment Number: **A65692**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **1,2-Dibromo-2,4-dicyanobutane**
CAS Number: **35691-65-7**

Date Report Requested: **09/20/2018**
Time Report Requested: **23:55:56**

NTP Study Number:	A65692
Study Duration:	13 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A65692**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dermal**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

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

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

Date Report Requested: **09/20/2018**

Time Report Requested: **23:55:56**

Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.10 ± 0.12	
0.2	10	1.50 ± 0.21	0.1335
0.6	10	1.40 ± 0.18	0.1979
2.0	10	1.30 ± 0.27	0.2817
6.0	10	1.00 ± 0.13	0.6213
18.0	10	1.05 ± 0.19	0.5606
Trend p-Value		0.8610	

Trial Summary: Negative

Experiment Number: **A65692**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dermal**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

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

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

Date Report Requested: **09/20/2018**

Time Report Requested: **23:55:56**

Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	0.90 ± 0.19	
0.2	10	1.25 ± 0.15	0.1427
0.6	10	1.25 ± 0.20	0.1427
2.0	10	1.45 ± 0.20	0.0542
6.0	10	1.40 ± 0.16	0.0701
18.0	10	1.15 ± 0.17	0.2173
Trend p-Value		0.5050	

Trial Summary: Negative

LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte
CAS Number = Chemical Abstracts Service registry number
N = Number of subjects
Values given as Mean or Mean ± Standard Error Mean
Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean
Pairwise comparison to the concurrent control, dosed groups significant at p = 0.025/number of treatment groups; positive control value is significant at p = 0.05
Cochran-Armitage trend test, significant at p = 0.025
* Statistically significant pairwise or trend test
1: Vehicle Control: Acetone

** END OF REPORT **