Experiment Number: **158710**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **1,2-Dibromo-3-chloropropane**
CAS Number: **96-12-8**

Date Report Requested: **09/19/2018**
Time Report Requested: **13:23:46**

NTP Study Number:	158710
Study Duration:	96 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **158710**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **1,2-Dibromo-3-chloropropane**
CAS Number: **96-12-8**

Date Report Requested: **09/19/2018**
Time Report Requested: **13:23:46**

Tissue: Blood; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 48 h

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	3.40 ± 1.10		3.70 ± 0.41
50.0	5	2.60 ± 0.51	0.6743	3.90 ± 0.58
100.0	5	5.90 ± 2.56	0.1281	3.20 ± 0.37
Trend p-Value		0.1100		

Trial Summary: Negative

Experiment Number: **158710**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **1,2-Dibromo-3-chloropropane**
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Date Report Requested: **09/19/2018**
Time Report Requested: **13:23:46**

Tissue: Blood; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 48 h

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	2.90 ± 0.62		2.90 ± 0.37
130.0	5	4.50 ± 0.47	0.0312	3.70 ± 0.25
Trend p-Value		0.0310		

Trial Summary: Negative

Experiment Number: **158710**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **1,2-Dibromo-3-chloropropane**

CAS Number: **96-12-8**

Date Report Requested: **09/19/2018**

Time Report Requested: **13:23:46**

Tissue: Blood; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	4.00 ± 1.20		3.24 ± 0.41
37.5	5	2.80 ± 0.68	0.8332	3.80 ± 0.29
75.0	5	3.30 ± 0.93	0.7069	3.26 ± 0.42
150.0	5	2.90 ± 0.58	0.8105	3.10 ± 0.19
Trend p-Value		0.7550		
Positive Control[2]	5	6.90 ± 1.96	0.0027 *	1.80 ± 0.25

Trial Summary: Negative

Experiment Number: **158710**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **1,2-Dibromo-3-chloropropane**
CAS Number: **96-12-8**

Date Report Requested: **09/19/2018**
Time Report Requested: **13:23:46**

Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	2.40 ± 0.48		62.90 ± 2.23
37.5	5	2.90 ± 0.91	0.2458	62.30 ± 2.94
75.0	5	4.30 ± 0.60	0.0100	56.80 ± 2.79
150.0	5	2.40 ± 0.40	0.5000	59.50 ± 0.67
Trend p-Value		0.4750		
Positive Control[2]	5	6.20 ± 1.02	< 0.001 *	46.80 ± 3.24

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: Corn Oil
2: 12.5 mg/kg Dimethylbenzanthracene

** END OF REPORT **