Experiment Number: **A44739**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**
Test Compound: **1,2-Dichlorobenzene (o-dichlorobenzene)**
CAS Number: **95-50-1**

Date Report Requested: **09/20/2018**
Time Report Requested: **14:48:32**

| | |
|---|---|
| **NTP Study Number:** | A44739 |
| **Study Duration:** | 90 Days |
| **Study Methodology:** | Slide Scoring |
| **Male Study Result:** | Negative |
| **Female Study Result:** | Negative |

Experiment Number: **A44739**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**

Test Compound: **1,2-Dichlorobenzene (o-dichlorobenzene)**

CAS Number: **95-50-1**

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

Time Report Requested: **14:48:32**

**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 | 1.04 ± 0.14 | |
| 125.0 | 9 | 1.07 ± 0.20 | 0.4390 |
| 250.0 | 9 | 0.97 ± 0.13 | 0.6302 |
| 500.0 | 6 | 1.37 ± 0.16 | 0.0929 |
| Trend p-Value | | 0.1140 | |

Trial Summary: Negative

Experiment Number: **A44739**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**

Test Compound: **1,2-Dichlorobenzene (o-dichlorobenzene)**

CAS Number: **95-50-1**

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

Time Report Requested: **14:48:32**

**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 | 0.77 ± 0.10 | |
| 125.0 | 9 | 0.63 ± 0.11 | 0.8867 |
| 250.0 | 10 | 0.63 ± 0.06 | 0.8955 |
| 500.0 | 6 | 0.68 ± 0.10 | 0.7595 |
| Trend p-Value | | 0.7550 | |

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

** END OF REPORT **