Experiment Number: **A22799**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**
Test Compound: **Diisopropylcarbodiimide**
CAS Number: **693-13-0**

Date Report Requested: **09/20/2018**
Time Report Requested: **05:46:37**

| | |
|---|---|
| **NTP Study Number:** | A22799 |
| **Study Duration:** | 92 Days |
| **Study Methodology:** | Slide Scoring |
| **Male Study Result:** | Positive |
| **Female Study Result:** | Positive |

Experiment Number: **A22799**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**
Test Compound: **Diisopropylcarbodiimide**
CAS Number: **693-13-0**

Date Report Requested: **09/20/2018**
Time Report Requested: **05:46:37**

**Tissue: Blood; Sex: Male; Number of Treatments: 92; 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 | 2.50 ± 0.43 | |
| 17.5 | 10 | 4.40 ± 0.54 | 0.0110 |
| 35.0 | 10 | 5.80 ± 0.63 | < 0.001 * |
| 70.0 | 10 | 5.80 ± 0.65 | < 0.001 * |
| 140.0 | 1 | 12.00 ± 0.00 | < 0.001 * |
| Trend p-Value | | < 0.001 * | |

Trial Summary: Positive

Experiment Number: **A22799**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**
Test Compound: **Diisopropylcarbodiimide**
CAS Number: **693-13-0**

Date Report Requested: **09/20/2018**
Time Report Requested: **05:46:37**

**Tissue: Blood; Sex: Female; Number of Treatments: 92; 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 | 1.90 ± 0.43 | |
| 17.5 | 10 | 4.10 ± 0.57 | 0.0022 * |
| 35.0 | 10 | 5.20 ± 0.36 | < 0.001 * |
| 70.0 | 10 | 5.40 ± 0.31 | < 0.001 * |
| 140.0 | 1 | 4.00 ± 0.00 | < 0.001 * |
| Trend p-Value | | < 0.001 * | |

Trial Summary: Positive

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: Ethanol

** END OF REPORT **