Experiment Number: **A60799**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**
Test Compound: **Cinnamaldehyde**
CAS Number: **104-55-2**

Date Report Requested: **09/20/2018**
Time Report Requested: **22:00:00**

| | |
|---|---|
| **NTP Study Number:** | A60799 |
| **Study Duration:** | 72 Hours |
| **Study Methodology:** | Slide Scoring |
| **Male Study Result:** | Negative |

Experiment Number: **A60799**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**
Test Compound: **Cinnamaldehyde**
CAS Number: **104-55-2**

Date Report Requested: **09/20/2018**
Time Report Requested: **22:00:00**

**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] | 4 | 0.50 ± 0.35 | | 50.00 ± 2.47 |
| 250.0 | 5 | 2.20 ± 1.02 | 0.0387 | 47.80 ± 3.28 |
| 500.0 | 3 | 1.83 ± 0.33 | 0.0789 | 24.50 ± 9.66 |
| Trend p-Value | | 0.0980 | | |
| Positive Control[2] | 5 | 11.30 ± 1.35 | < 0.001 * | 47.20 ± 4.05 |

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: 25.0 mg/kg Cyclophosphamide

** END OF REPORT **