Experiment Number: **A06528**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**
Test Compound: **beta-Myrcene**
CAS Number: **123-35-3**

Date Report Requested: **09/20/2018**
Time Report Requested: **00:12:22**

| | |
|---|---|
| **NTP Study Number:** | A06528 |
| **Study Duration:** | 90 Days |
| **Study Methodology:** | Slide Scoring |
| **Male Study Result:** | Negative |
| **Female Study Result:** | Negative |

Experiment Number: **A06528**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**
Test Compound: **beta-Myrcene**
CAS Number: **123-35-3**

Date Report Requested: **09/20/2018**
Time Report Requested: **00:12:22**

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

| | | MN NCE/1000 | |
|---|---|---|---|
| **Dose (g/kg)** | **N** | **Mean ± SEM** | **p-Value** |
| Vehicle Control[1] | 5 | 1.00 ± 0.22 | |
| 0.25 | 5 | 0.40 ± 0.19 | 0.9457 |
| 0.5 | 5 | 1.00 ± 0.27 | 0.5000 |
| 1.0 | 5 | 1.40 ± 0.24 | 0.2070 |
| 2.0 | 1 | 3.00 ± 0.00 | < 0.001 * |
| Trend p-Value | | 0.0690 | |

Trial Summary: Negative

Experiment Number: **A06528**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**

Test Compound: **beta-Myrcene**

CAS Number: **123-35-3**

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

Time Report Requested: **00:12:22**

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

| | | MN NCE/1000 | |
|---|---|---|---|
| **Dose (g/kg)** | **N** | **Mean ± SEM** | **p-Value** |
| Vehicle Control[1] | 5 | 1.30 ± 0.34 | |
| 0.25 | 5 | 0.40 ± 0.19 | 0.9855 |
| 0.5 | 5 | 1.50 ± 0.35 | 0.3526 |
| 1.0 | 5 | 1.20 ± 0.34 | 0.5793 |
| 2.0 | 2 | 1.25 ± 0.75 | 0.5297 |
| Trend p-Value | | 0.2990 | |

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: Solvent

** END OF REPORT **