

Experiment Number: A26162

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2018

Time Report Requested: 07:05:30

**NTP Study Number:**

A26162

**Study Duration:**

90 Days

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

**Female Study Result:**

Positive

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Tissue: Blood; Sex: Male; Number of Treatments: 0; Time interval between final treatment and cell sampling: 24 h

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<b>MN NCE/1000</b>			
<b>Dose (mg/kg)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	5	1.90 ± 0.19	
6.25	5	2.70 ± 0.60	0.1188
12.5	5	2.30 ± 0.34	0.2683
25.0	5	2.70 ± 0.25	0.1188
Trend p-Value		0.1850	

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Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 0; Time interval between final treatment and cell sampling: 24 h

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<b>MN NCE/1000</b>			
<b>Dose (mg/kg)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	5	0.70 ± 0.20	
6.25	5	1.70 ± 0.12	0.0206
12.5	5	1.70 ± 0.30	0.0206
25.0	5	1.90 ± 0.19	0.0093
50.0	3	2.50 ± 0.29	0.0015 *
Trend p-Value		0.0060 *	

Trial Summary: Positive

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#### LEGEND

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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  $\pm$  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  $p = 0.025/\text{number of treatment groups}$ ; 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: Negative (Not Specified)

**\*\* END OF REPORT \*\***