

Experiment Number: A97646

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/21/2018

Time Report Requested: 13:24:25

**NTP Study Number:**

A97646

**Study Duration:**

90 Days

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

**Female Study Result:**

Equivocal

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Tissue: Blood; Sex: Male; Number of Treatments: 90; 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>	10	2.25 ± 0.25	
125.0	10	2.40 ± 0.31	0.3777
250.0	10	3.00 ± 0.36	0.0714
500.0	10	2.90 ± 0.36	0.0998
1000.0	10	2.00 ± 0.20	0.7064
2000.0	10	2.60 ± 0.34	0.2384
Trend p-Value		0.5560	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 90; 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>	10	1.05 ± 0.19	
125.0	10	1.25 ± 0.20	0.2776
250.0	10	1.25 ± 0.37	0.2776
500.0	10	1.75 ± 0.37	0.0306
1000.0	9	1.89 ± 0.31	0.0159
2000.0	10	2.05 ± 0.36	0.0055
Trend p-Value		0.0020 *	

Trial Summary: Equivocal

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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: Corn Oil

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