

Experiment Number: A51963

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 09/20/2018

Time Report Requested: 18:02:54

**NTP Study Number:**

A51963

**Study Duration:**

90 Days

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Equivocal

**Female Study Result:**

Negative

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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>	5	1.30 ± 0.34	
38.0	5	2.40 ± 0.83	0.0351
75.0	5	2.80 ± 0.64	0.0095
150.0	5	1.80 ± 0.25	0.1844
300.0	5	3.00 ± 0.42	0.0047 *
600.0	5	2.30 ± 0.34	0.0476
Trend p-Value		0.1850	

Trial Summary: Equivocal

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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>	5	1.90 ± 0.29	
38.0	5	1.60 ± 0.10	0.6941
75.0	5	1.60 ± 0.48	0.6941
150.0	5	2.50 ± 0.52	0.1826
300.0	5	2.00 ± 0.42	0.4363
600.0	5	2.40 ± 0.29	0.2226
Trend p-Value		0.1150	

Trial Summary: Negative

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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: 0.2% Methylcellulose and 0.1% Tween 80 in water

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