

Experiment Number: A47664

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Diphenolic acid

CAS Number: 126-00-1

Date Report Requested: 09/20/2018

Time Report Requested: 15:52:54

**NTP Study Number:**

A47664

**Study Duration:**

3 Days

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	5	1.60 ± 0.40		57.90 ± 3.93
500.0	5	2.50 ± 0.76	0.1766	54.20 ± 5.22
1000.0	5	1.50 ± 0.57	0.5472	58.70 ± 5.23
2000.0	5	2.20 ± 0.90	0.2602	51.10 ± 5.31
Trend p-Value		0.3710		
Positive Control <sup>2</sup>	5	27.90 ± 4.37	< 0.001 *	28.90 ± 4.22

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: Corn Oil

2: 50.0 mg/kg Cyclophosphamide

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