

Experiment Number: A09957
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: 2-Methyl-1,3-benzenediol
CAS Number: 608-25-3

Date Report Requested: 09/20/2018

Time Report Requested: 01:52:20

NTP Study Number: A09957
Study Duration: 72 Hours
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

		MN PCE/1000		% PCE
Dose (mg/kg)	N	Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	5	0.70 ± 0.20		60.00 ± 5.30
78.0	5	1.80 ± 0.44	0.0139	65.50 ± 2.38
156.25	5	1.10 ± 0.19	0.1728	57.60 ± 2.56
312.5	2	2.00 ± 0.50	0.0168	61.00 ± 3.00
Trend p-Value		0.0640		
Positive Control ²	5	9.40 ± 1.46	< 0.001 *	61.50 ± 2.89

Trial Summary: Negative

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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 \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: 25.0 mg/kg Cyclophosphamide

**** END OF REPORT ****