

Experiment Number: A96135
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: p-Methylcatechol
CAS Number: 452-86-8

Date Report Requested: 09/21/2018

Time Report Requested: 12:50:59

NTP Study Number: A96135
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

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	5	1.70 ± 0.20					59.70 ± 1.72
39.063	5	1.30 ± 0.34	0.7676	2	0.00 ± 0.00	0.9119	46.30 ± 2.50
78.125	5	0.80 ± 0.34	0.9642				53.26 ± 1.47
156.25	5	1.70 ± 0.12	0.5000				55.08 ± 2.79
Trend p-Value		0.4730					
Positive Control ²	5	10.60 ± 1.30	< 0.001 *	5	0.00 ± 0.00	0.9719	57.14 ± 2.66

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: Phosphate Buffered Saline

2: 15.0 mg/kg Cyclophosphamide

**** END OF REPORT ****