

Experiment Number: 104686
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: p-Cresidine
CAS Number: 120-71-8

Date Report Requested: 09/19/2018
Time Report Requested: 12:30:32

NTP Study Number:	104686
Study Duration:	96 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: 48 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	3	3.00 ± 1.00		40.17 ± 1.88
100.0	3	1.00 ± 0.58	0.9456	38.87 ± 1.03
300.0	3	2.00 ± 1.00	0.7634	40.80 ± 4.80
Trend p-Value		0.7000		

Trial Summary: 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 ¹	5	0.80 ± 0.25		40.78 ± 2.62
75.0	5	1.80 ± 0.41	0.0249	45.26 ± 1.89
150.0	4	1.13 ± 0.24	0.2403	36.85 ± 2.45
300.0	8	1.25 ± 0.34	0.1409	38.00 ± 3.34
Trend p-Value		0.3850		
Positive Control ²	5	6.30 ± 1.85	< 0.001 *	19.00 ± 3.72

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: 12.5 mg/kg Dimethylbenzanthracene

**** END OF REPORT ****