

Experiment Number: 423738

Test Type: Genetic Toxicology - Micronucleus

Route: Intraperitoneal Injection

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 09/19/2018

Time Report Requested: 16:27:13

NTP Study Number:

423738

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	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	3.70 ± 0.58		57.80 ± 2.08
128.8	5	2.80 ± 0.64	0.8682	51.10 ± 3.47
257.5	5	2.10 ± 0.33	0.9823	52.80 ± 2.99
515.0	6	3.42 ± 0.57	0.6376	47.08 ± 3.49
Trend p-Value		0.5430		
Positive Control ²	5	8.60 ± 0.98	< 0.001 *	48.00 ± 1.14

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 ****