

Experiment Number: 142011
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Chloroform
CAS Number: 67-66-3

Date Report Requested: 09/19/2018
Time Report Requested: 13:11:31

NTP Study Number: 142011
Study Duration: 72 Hours
Study Methodology: Slide Scoring
Male Study Result: Positive

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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	2.10 ± 0.29		62.70 ± 6.90	
400.0	5	4.00 ± 0.72	0.0074 *	47.50 ± 3.50	
600.0	4	4.75 ± 1.20	0.0010 *	39.88 ± 3.54	
Trend p-Value		0.0010 *			
Positive Control ²	5	11.10 ± 1.72	< 0.001 *	29.90 ± 3.04	

Trial Summary: Positive

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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 Dimethylbenzanthracene

**** END OF REPORT ****