

Experiment Number: 211002
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Methyl methacrylate
CAS Number: 80-62-6

Date Report Requested: 09/19/2018

Time Report Requested: 14:00:17

NTP Study Number:	211002
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Equivocal

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Tissue: Blood; 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	2.80 ± 0.58		3.48 ± 0.19
875.0	5	3.60 ± 0.33	0.1583	2.94 ± 0.25
1750.0	3	3.50 ± 0.76	0.2189	3.67 ± 0.12
Trend p-Value		0.1950		
Positive Control ²	4	6.13 ± 0.47	< 0.001 *	2.20 ± 0.08

Trial Summary: Equivocal

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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	1.80 ± 0.30		63.30 ± 1.60	
875.0	5	2.00 ± 0.35	0.3727	51.30 ± 4.64	
1750.0	3	2.83 ± 0.33	0.0878	53.33 ± 2.89	
Trend p-Value		0.0950			
Positive Control ²	4	7.75 ± 0.97	< 0.001 *	63.38 ± 2.83	

Trial Summary: Equivocal

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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 ****