

Experiment Number: A65972
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Rat/Fischer 344

G04: In Vivo Micronucleus Summary Data

Test Compound: Dimethyl phthalate
CAS Number: 131-11-3

Date Report Requested: 09/21/2018

Time Report Requested: 00:06:05

NTP Study Number:	A65972
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	0.80 ± 0.25		47.20 ± 5.20
3000.0	5	1.00 ± 0.52	0.3897	34.40 ± 4.08
4000.0	4	2.88 ± 1.63	0.0238	42.50 ± 2.42
5000.0	3	2.00 ± 0.29	0.1084	43.33 ± 2.62
Trend p-Value		0.0460		
Positive Control ²	5	11.60 ± 4.90	< 0.001 *	19.20 ± 4.83

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: 25.0 mg/kg Cyclophosphamide

**** END OF REPORT ****