

Experiment Number: 404278
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Anthraquinone
CAS Number: 84-65-1

Date Report Requested: 09/19/2018
Time Report Requested: 16:13:09

NTP Study Number:	404278
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	2.20 ± 0.51		40.60 ± 1.69
500.0	5	1.50 ± 0.32	0.8753	48.22 ± 3.83
1000.0	5	1.30 ± 0.41	0.9361	42.68 ± 2.25
2000.0	5	1.00 ± 0.32	0.9831	35.82 ± 4.21
Trend p-Value		0.9820		
Positive Control ²	5	8.20 ± 1.42	< 0.001 *	33.28 ± 3.39

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 ****