

Experiment Number: 557052
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Dibromomannitol
CAS Number: 488-41-5

Date Report Requested: 09/19/2018

Time Report Requested: 18:12:55

NTP Study Number: 557052
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: 72 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	2.40 ± 0.43		34.10 ± 8.66
125.0	5	22.90 ± 2.36	< 0.001 *	37.30 ± 2.72
250.0	5	24.80 ± 1.06	< 0.001 *	25.20 ± 3.06
500.0	5	40.70 ± 2.76	< 0.001 *	10.30 ± 3.49
Trend p-Value		< 0.001 *		
Positive Control ²	5	8.30 ± 1.65	< 0.001 *	30.30 ± 3.17

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: 12.5 mg/kg Dimethylbenzanthracene

**** END OF REPORT ****