

Experiment Number: 579120
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: 11-Aminoundecanoic acid
CAS Number: 2432-99-7

Date Report Requested: 09/19/2018

Time Report Requested: 18:34:28

NTP Study Number: 579120
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	2.30 ± 0.37		53.00 ± 5.08
62.5	5	2.00 ± 0.35	0.6765	53.20 ± 4.62
125.0	5	1.90 ± 0.62	0.7317	39.10 ± 4.83
250.0	5	2.30 ± 0.37	0.5000	42.10 ± 8.53
500.0	4	2.38 ± 0.24	0.4587	42.25 ± 2.71
Trend p-Value		0.3350		
Positive Control ²	5	7.60 ± 0.48	< 0.001 *	27.90 ± 4.91

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 ****