

Experiment Number: 225751

Test Type: Genetic Toxicology - Micronucleus

Route: Intraperitoneal Injection

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Stannous chloride

CAS Number: 7772-99-8

Date Report Requested: 09/19/2018

Time Report Requested: 14:20:05

NTP Study Number:

225751

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	3.70 ± 0.58		57.80 ± 2.08
26.3	4	2.38 ± 0.38	0.9436	43.50 ± 5.15
52.5	5	1.60 ± 0.19	0.9981	45.90 ± 2.41
105.0	5	2.40 ± 0.37	0.9522	39.80 ± 5.54
Trend p-Value		0.9540		
Positive Control ²	5	8.60 ± 0.98	< 0.001 *	48.00 ± 1.14

Trial Summary: Negative

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Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	2.20 ± 0.46		54.10 ± 3.19
52.5	5	2.30 ± 0.34	0.4407	63.80 ± 2.70
105.0	5	2.00 ± 0.27	0.6213	51.40 ± 3.99
157.5	5	2.00 ± 0.16	0.6213	51.50 ± 7.24
210.0	3	3.33 ± 1.17	0.0875	53.33 ± 6.46
Trend p-Value		0.2060		
Positive Control ²	5	6.70 ± 0.60	< 0.001 *	37.50 ± 4.10

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 ****