

Experiment Number: 970085

Test Type: Genetic Toxicology - Micronucleus

Route: Intraperitoneal Injection

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Sulfisoxazole

CAS Number: 127-69-5

Date Report Requested: 09/19/2018

Time Report Requested: 21:46:09

NTP Study Number:

970085

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
500.0	5	1.60 ± 0.40	0.8691	32.70 ± 2.87
1000.0	5	1.90 ± 0.29	0.7317	42.70 ± 6.27
2000.0	6	2.50 ± 0.81	0.3816	41.17 ± 3.29
Trend p-Value		0.2290		
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 ****