

Experiment Number: A14314

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Cefuroxime

CAS Number: 55268-75-2

Date Report Requested: 09/20/2018

Time Report Requested: 03:25:12

NTP Study Number:

A14314

Study Duration:

3 Days

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	1.60 ± 0.24		57.40 ± 7.78
500.0	5	1.30 ± 0.37	0.7114	54.90 ± 9.05
1000.0	4	1.38 ± 0.24	0.6508	58.63 ± 1.21
2000.0	5	1.30 ± 0.37	0.7114	55.40 ± 6.82
Trend p-Value		0.6770		
Positive Control ²	4	35.25 ± 1.53	< 0.001 *	38.50 ± 6.06

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: 50.0 mg/kg Cyclophosphamide

**** END OF REPORT ****