

Experiment Number: A98719
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Rat/Fischer 344

G04: In Vivo Micronucleus Summary Data

Test Compound: Chlorpheniramine maleate
CAS Number: 113-92-8

Date Report Requested: 09/21/2018

Time Report Requested: 14:03:01

NTP Study Number: A98719
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	1.20 ± 0.25		27.40 ± 4.67
6.25	5	1.20 ± 0.46	0.5000	42.30 ± 3.89
12.5	5	2.10 ± 0.53	0.0584	24.50 ± 4.17
25.0	5	0.90 ± 0.29	0.7438	29.00 ± 4.61
50.0	3	2.00 ± 0.76	0.1028	40.50 ± 5.63
Trend p-Value		0.2070		
Positive Control ²	3	12.33 ± 1.36	< 0.001 *	18.33 ± 4.00

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: 25.0 mg/kg Cyclophosphamide

**** END OF REPORT ****