

Experiment Number: A66944
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Citral
CAS Number: 5392-40-5

Date Report Requested: 09/21/2018
Time Report Requested: 00:30:55

NTP Study Number: A66944
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

		MN PCE/1000		% PCE	
Dose (mg/kg)	N	Mean ± SEM	p-Value	Mean ± SEM	
Vehicle Control ¹	4	0.50 ± 0.35		50.00 ± 2.47	
250.0	5	1.10 ± 0.29	0.0828	41.00 ± 3.19	
500.0	4	1.75 ± 0.60	0.0092	46.13 ± 5.58	
750.0	5	1.30 ± 0.34	0.0413	34.90 ± 4.73	
Trend p-Value		0.0400			
Positive Control ²	5	11.30 ± 1.35	< 0.001 *	47.20 ± 4.05	

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 ****