

Experiment Number: A84250

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Feed

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: 07:10:26

NTP Study Number:

A84250

Study Duration:

13 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Date Report Requested: 09/21/2018
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Tissue: Blood; Sex: Male; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

Dose (ppm)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	10	1.91 ± 0.43		10	1.90 ± 0.23		1.97 ± 0.14
3900.0				10	1.50 ± 0.34	0.7538	
7800.0				10	1.70 ± 0.30	0.6307	
15600.0				10	2.50 ± 0.27	0.1826	
31300.0	6	1.67 ± 0.49	0.6384	6	1.83 ± 0.31	0.5376	1.80 ± 0.18
Trend p-Value		0.6380			0.2780		

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

Dose (ppm)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	10	0.90 ± 0.35		10	1.50 ± 0.34		2.63 ± 0.11
3900.0				10	1.00 ± 0.26	0.8415	
7800.0				10	1.10 ± 0.38	0.7838	
15600.0				10	0.90 ± 0.23	0.8898	
31300.0	10	1.20 ± 0.33	0.2562	10	1.60 ± 0.31	0.4287	2.15 ± 0.08
Trend p-Value		0.2560			0.2770		

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: Microcapsules

**** END OF REPORT ****