

Experiment Number: A87965

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Cyclohexanone oxime

CAS Number: 100-64-1

Date Report Requested: 09/21/2018

Time Report Requested: 08:45:27

NTP Study Number:

A87965

Study Duration:

93 Days

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 92; Time interval between final treatment and cell sampling: 0 h

MN NCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	4.30 ± 0.25	
625.0	5	3.90 ± 0.86	0.6710
1250.0	5	3.60 ± 0.24	0.7850
2500.0	5	3.60 ± 0.73	0.7850
5000.0	5	1.10 ± 0.29	1.0000
10000.0	5	1.20 ± 0.46	1.0000
Trend p-Value		1.0000	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 93; Time interval between final treatment and cell sampling: 0 h

MN NCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	2.90 ± 0.56	
625.0	5	3.20 ± 0.68	0.3502
1250.0	5	1.80 ± 0.51	0.9459
2500.0	5	2.40 ± 0.75	0.7542
5000.0	5	0.70 ± 0.25	0.9999
10000.0	5	0.90 ± 0.19	0.9994
Trend p-Value		1.0000	

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: Water

**** END OF REPORT ****