

Experiment Number: A79779

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Methyl ethyl ketoxime

CAS Number: 96-29-7

Date Report Requested: 09/21/2018

Time Report Requested: 05:11:07

NTP Study Number:

A79779

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	4.80 ± 0.68	
625.0	5	4.50 ± 0.76	0.6224
1250.0	5	4.00 ± 0.16	0.8036
2500.0	5	3.70 ± 0.34	0.8841
5000.0	5	1.40 ± 0.37	1.0000
10000.0	5	1.60 ± 0.19	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	2.00 ± 0.35	
625.0	5	2.10 ± 0.58	0.4379
1250.0	5	3.00 ± 0.42	0.0784
2500.0	5	2.90 ± 0.89	0.0990
5000.0	5	1.90 ± 0.37	0.5637
10000.0	5	0.80 ± 0.34	0.9884
Trend p-Value		0.9980	

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 ****