

Experiment Number: A70805

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Methyl ethyl ketone peroxide

CAS Number: 1338-23-4

Date Report Requested: 09/21/2018

Time Report Requested: 01:34:33

NTP Study Number:

A70805

Study Duration:

13 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	1.74 ± 0.17	
0.357	10	1.68 ± 0.18	0.5795
1.19	10	2.18 ± 0.23	0.0600
3.57	10	1.90 ± 0.22	0.2725
Trend p-Value		0.2400	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	1.19 ± 0.13	
0.357	10	1.25 ± 0.12	0.3751
1.19	10	1.31 ± 0.16	0.2666
3.57	9	1.26 ± 0.10	0.3492
Trend p-Value		0.3850	

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: Dimethylphthalate

**** END OF REPORT ****