

Experiment Number: A71420

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 09/21/2018

Time Report Requested: 01:48:35

NTP Study Number:

A71420

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/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	1.25 ± 0.27	
0.75	10	1.55 ± 0.17	0.2112
1.5	10	0.95 ± 0.19	0.8173
3.0	10	1.20 ± 0.31	0.5568
6.0	10	1.10 ± 0.19	0.6693
12.0	10	0.60 ± 0.10	0.9837
Trend p-Value		0.9930	

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/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	0.60 ± 0.15	
0.75	10	0.50 ± 0.17	0.6651
1.5	10	0.85 ± 0.18	0.1765
3.0	10	0.70 ± 0.21	0.3474
6.0	10	0.65 ± 0.22	0.4207
12.0	10	0.80 ± 0.17	0.2248
Trend p-Value		0.2320	

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: Acetone

**** END OF REPORT ****