

Experiment Number: A82445

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 09/21/2018

Time Report Requested: 06:35:23

NTP Study Number:

A82445

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: 67; Time interval between final treatment and cell sampling: 0 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	2.10 ± 0.10	
50.0	5	1.20 ± 0.25	0.9416
100.0	5	2.80 ± 0.44	0.1584
200.0	5	2.30 ± 0.56	0.3814
400.0	5	3.10 ± 0.29	0.0825
800.0	5	2.50 ± 0.39	0.2774
Trend p-Value		0.0960	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 67; Time interval between final treatment and cell sampling: 0 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	1.80 ± 0.34	
50.0	5	1.40 ± 0.29	0.7604
100.0	5	2.30 ± 0.37	0.2172
200.0	5	2.10 ± 0.24	0.3153
400.0	5	2.20 ± 0.37	0.2633
800.0	5	2.30 ± 0.34	0.2172
Trend p-Value		0.1490	

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: Ethanol

**** END OF REPORT ****