

Experiment Number: A08796

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Diethanolamine

CAS Number: 111-42-2

Date Report Requested: 09/20/2018

Time Report Requested: 01:15:58

NTP Study Number:

A08796

Study Duration:

90 Days

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	1.36 ± 0.15	
80.0	10	1.38 ± 0.17	0.4654
160.0	9	1.44 ± 0.13	0.3697
320.0	9	1.09 ± 0.13	0.9009
630.0	10	1.06 ± 0.16	0.9330
1250.0	8	0.81 ± 0.10	0.9968
Trend p-Value		1.0000	
Positive Control ²	3	18.62 ± 2.43	< 0.001 *

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	0.82 ± 0.11	
80.0	10	0.79 ± 0.08	0.6003
160.0	10	0.81 ± 0.07	0.5543
320.0	10	0.73 ± 0.06	0.7664
630.0	10	0.71 ± 0.12	0.8215
1250.0	5	0.71 ± 0.14	0.7763
Trend p-Value		0.8470	

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

2: 0.2 mg/kg Urne

**** END OF REPORT ****