

Experiment Number: A56444
Test Type: Genetic Toxicology - Micronucleus
Route: Inhalation
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Diethylamine
CAS Number: 109-89-7

Date Report Requested: 09/20/2018
Time Report Requested: 20:01:47

NTP Study Number:	A56444
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: 0; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	2.80 ± 0.30	
8.0	5	4.60 ± 0.60	0.0180
16.0	5	4.10 ± 0.48	0.0585
32.0	5	3.30 ± 0.34	0.2607
62.0	5	4.00 ± 0.52	0.0725
125.0	5	2.60 ± 0.33	0.6074
Trend p-Value		0.9150	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 0; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	2.60 ± 0.29	
8.0	5	2.50 ± 0.61	0.5558
16.0	5	2.20 ± 0.25	0.7184
32.0	5	3.50 ± 0.57	0.1242
62.0	5	3.80 ± 0.60	0.0665
125.0	5	2.20 ± 0.25	0.7184
Trend p-Value		0.5190	

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: Air

**** END OF REPORT ****