

Experiment Number: A42410
Test Type: Genetic Toxicology - Micronucleus
Route: Inhalation
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: n-Hexane
CAS Number: 110-54-3

Date Report Requested: 09/20/2018
Time Report Requested: 13:38:06

NTP Study Number:	A42410
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	9	0.96 ± 0.06	
1000.0	10	0.89 ± 0.05	0.6952
2000.0	10	0.94 ± 0.03	0.5640
4000.0	10	0.99 ± 0.06	0.4194
10000.0	10	0.98 ± 0.04	0.4401
Trend p-Value		0.3160	

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	0.96 ± 0.07	
1000.0	10	0.81 ± 0.06	0.8763
2000.0	10	0.90 ± 0.04	0.6667
4000.0	10	0.90 ± 0.07	0.6608
10000.0	10	0.82 ± 0.04	0.8632
Trend p-Value		0.7670	

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: Solvent

**** END OF REPORT ****