

Experiment Number: A84893

Test Type: Genetic Toxicology - Micronucleus

Route: Inhalation

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Chloroprene

CAS Number: 126-99-8

Date Report Requested: 09/21/2018

Time Report Requested: 07:38:48

NTP Study Number:

A84893

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 (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	1.38 ± 0.14	
5.0	10	1.28 ± 0.08	0.6883
12.0	10	1.33 ± 0.09	0.5904
32.0	10	1.32 ± 0.12	0.6134
80.0	10	1.31 ± 0.24	0.6289
Trend p-Value		0.5580	

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 (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	1.04 ± 0.07	
5.0	10	0.98 ± 0.07	0.6693
12.0	10	1.15 ± 0.07	0.2194
32.0	10	0.93 ± 0.09	0.7933
80.0	10	1.32 ± 0.09	0.0286
Trend p-Value		0.0150 *	

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 ****