

Experiment Number: A75483

Test Type: Genetic Toxicology - Micronucleus

Route: Inhalation

Species/Strain: Mouse/MICE

G04: In Vivo Micronucleus Summary Data

Test Compound: Chloroprene

CAS Number: 126-99-8

Date Report Requested: 09/21/2018

Time Report Requested: 03:49:52

NTP Study Number:

A75483

Study Duration:

26 Weeks

Study Methodology:

Slide Scoring

Female Study Result:

Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 130; Time interval between final treatment and cell sampling: 24 h

Dose (ppm)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control [†]	10	3.60 ± 0.54		10	3.00 ± 0.42		3.24 ± 0.17
2.0	10	4.70 ± 0.78	0.1132	10	2.40 ± 0.56	0.7932	3.24 ± 0.18
80.0	9	3.33 ± 0.75	0.6225	9	3.00 ± 0.41	0.5000	3.53 ± 0.25
Trend p-Value		0.8420			0.3340		

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 ****