

Experiment Number: A73731

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: 03:11:04

NTP Study Number:

A73731

Study Duration:

26 Weeks

Study Methodology:

Slide Scoring

Female Study Result:

Negative

Experiment Number: A73731

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: 03:11:04

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

Dose (ppm)	MN PCE/1000			MN NCE/1000			% PCE
	N	Mean ± SEM	p-Value	N	Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control [†]	10	2.60 ± 0.40		10	2.40 ± 0.52		3.33 ± 0.25
2.0	10	1.70 ± 0.60	0.9153	10	2.70 ± 0.45	0.3370	2.74 ± 0.20
12.8	10	2.60 ± 0.43	0.5000	10	2.00 ± 0.63	0.7270	3.42 ± 0.43
80.0	10	2.20 ± 0.63	0.7184	10	2.00 ± 0.37	0.7270	3.11 ± 0.23
Trend p-Value		0.5380			0.7850		

Trial Summary: Negative

Experiment Number: A73731
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: 03:11:04

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 ****