

Experiment Number: A22073

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 09/20/2018

Time Report Requested: 05:36:26

NTP Study Number:

A22073

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	5	0.60 ± 0.37	
50.0	5	0.70 ± 0.25	0.3907
100.0	5	1.10 ± 0.29	0.1125
200.0	5	0.80 ± 0.30	0.2964
400.0	5	0.60 ± 0.29	0.5000
600.0	5	0.80 ± 0.20	0.2964
Trend p-Value		0.5280	

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	5	0.90 ± 0.43	
50.0	5	1.30 ± 0.25	0.1968
100.0	5	1.10 ± 0.37	0.3273
200.0	5	0.80 ± 0.34	0.5959
400.0	5	0.80 ± 0.41	0.5959
600.0	5	1.00 ± 0.27	0.4092
Trend p-Value		0.6720	

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: Ethanol

**** END OF REPORT ****