

Experiment Number: A72842

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

Species/Strain: Mouse/TGAC (FVB/N) HEMIZYGOUS

G04: In Vivo Micronucleus Summary Data

Test Compound: Dichloroacetic acid

CAS Number: 79-43-6

Date Report Requested: 09/21/2018

Time Report Requested: 02:46:32

NTP Study Number:

A72842

Study Duration:

26 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 182; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/L)	N	Mean ± SEM	p-Value
Vehicle Control ¹	14	1.43 ± 0.21	
500.0	13	0.96 ± 0.20	0.9411
1000.0	11	1.50 ± 0.32	0.4178
2000.0	14	1.39 ± 0.21	0.5448
Trend p-Value		0.3430	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 182; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/L)	N	Mean ± SEM	p-Value
Vehicle Control ¹	15	1.17 ± 0.15	
500.0	8	1.13 ± 0.28	0.5499
1000.0	13	1.35 ± 0.20	0.2744
2000.0	10	1.25 ± 0.17	0.3960
Trend p-Value		0.3460	

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: Water

**** END OF REPORT ****