

Experiment Number: A00107

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Dibromoacetonitrile

CAS Number: 3252-43-5

Date Report Requested: 09/19/2018

Time Report Requested: 22:10:22

NTP Study Number:

A00107

Study Duration:

13 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 91; Time interval between final treatment and cell sampling: 24 h

Dose (other)	MN PCE/1000			MN NCE/1000			% PCE
	N	Mean ± SEM	p-Value	N	Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	10	5.00 ± 0.75		10	3.40 ± 0.43		4.59 ± 0.27
12.5				10	3.00 ± 0.68	0.6917	
25.0				10	3.30 ± 0.37	0.5487	
50.0				10	3.30 ± 0.40	0.5487	
100.0				10	3.80 ± 0.61	0.3184	
200.0	10	3.70 ± 0.58	0.9188	10	2.70 ± 0.62	0.8153	4.23 ± 0.15
Trend p-Value		0.9190			0.7150		

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 91; Time interval between final treatment and cell sampling: 24 h

Dose (other)	MN PCE/1000			MN NCE/1000			% PCE
	N	Mean ± SEM	p-Value	N	Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	10	4.50 ± 0.67		10	2.70 ± 0.40		3.96 ± 0.34
12.5				10	2.40 ± 0.34	0.6630	
25.0				10	3.10 ± 0.41	0.2994	
50.0				10	3.50 ± 0.60	0.1544	
100.0				10	2.80 ± 0.39	0.4463	
200.0	10	3.00 ± 0.26	0.9587	10	3.60 ± 0.56	0.1280	4.55 ± 0.40
Trend p-Value		0.9590			0.1090		

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 ****