

Experiment Number: A97618

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Bromodichloroacetic Acid

CAS Number: 71133-14-7

Date Report Requested: 09/21/2018

Time Report Requested: 13:19:25

NTP Study Number:

A97618

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	3.80 ± 0.53		10	3.50 ± 0.56		3.91 ± 0.25
62.5				9	3.11 ± 0.45	0.6792	
125.0				10	3.40 ± 0.69	0.5480	
250.0				10	3.30 ± 0.37	0.5960	
500.0				10	4.20 ± 0.49	0.2121	
1000.0	10	3.80 ± 0.36	0.5000	10	4.40 ± 0.52	0.1552	4.64 ± 0.21
Trend p-Value		0.5000			0.0450		

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	3.00 ± 0.61		10	4.20 ± 0.51		4.52 ± 0.35
62.5				10	2.40 ± 0.27	0.9868	
125.0				10	2.40 ± 0.45	0.9868	
250.0				10	2.50 ± 0.40	0.9813	
500.0				10	3.20 ± 0.39	0.8779	
1000.0	10	3.80 ± 0.29	0.1656	10	3.60 ± 0.43	0.7520	5.70 ± 0.37
Trend p-Value		0.1660			0.2150		

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 ****