

Experiment Number: A03046

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Dibromoacetic acid

CAS Number: 631-64-1

Date Report Requested: 09/19/2018

Time Report Requested: 22:45:42

NTP Study Number:

A03046

Study Duration:

90 Days

Study Methodology:

Slide Scoring

Male Study Result:

Positive

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

Dose (mg/L)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control [†]	10	1.80 ± 0.29		10	1.80 ± 0.33		3.02 ± 0.15
125.0				10	2.30 ± 0.47	0.2172	
250.0				10	3.30 ± 0.56	0.0177	
500.0				10	3.20 ± 0.42	0.0237	
1000.0				9	4.00 ± 0.50	0.0022 *	
2000.0	10	2.30 ± 0.37	0.2172	10	3.60 ± 0.56	0.0071	2.97 ± 0.08
Trend p-Value		0.2170			0.0100 *		

Trial Summary: Positive

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Test Compound: Dibromoacetic acid

CAS Number: 631-64-1

Date Report Requested: 09/19/2018

Time Report Requested: 22:45:42

Tissue: Blood; Sex: Female; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

Dose (mg/L)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	10	0.90 ± 0.23		10	2.30 ± 0.56		2.77 ± 0.10
125.0				10	2.10 ± 0.43	0.6186	
250.0				10	1.70 ± 0.30	0.8289	
500.0				10	2.10 ± 0.28	0.6186	
1000.0				10	2.20 ± 0.44	0.5593	
2000.0	10	2.20 ± 0.42	0.0097	10	2.20 ± 0.29	0.5593	2.73 ± 0.13
Trend p-Value		0.0100 *			0.3970		

Trial Summary: Negative

Experiment Number: A03046

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Route: Dosed-Water

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Dibromoacetic acid

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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 ****