

Experiment Number: A22969

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Bromochloroacetic acid

CAS Number: 5589-96-8

Date Report Requested: 09/20/2018

Time Report Requested: 05:56:45

**NTP Study Number:**

A22969

**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**

MN PCE/1000				MN NCE/1000			% PCE
Dose (other)	N	Mean ± SEM	p-Value	N	Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control <sup>1</sup>	10	3.90 ± 0.46		10	4.80 ± 0.57		4.37 ± 0.25
62.5				10	5.10 ± 0.59	0.3812	
125.0				10	3.90 ± 0.67	0.8332	
250.0				10	5.30 ± 0.56	0.3090	
500.0				8	4.75 ± 0.59	0.5193	
1000.0	10	5.10 ± 0.86	0.1024	10	4.50 ± 0.58	0.6224	4.56 ± 0.22
Trend p-Value		0.1020			0.6030		

Trial Summary: Negative

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CAS Number: 5589-96-8

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

MN PCE/1000				MN NCE/1000			% PCE
Dose (other)	N	Mean ± SEM	p-Value	N	Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control <sup>1</sup>	10	2.40 ± 0.81		10	2.60 ± 0.43		3.99 ± 0.29
62.5				10	3.30 ± 0.45	0.1807	
125.0				10	4.20 ± 0.53	0.0260	
250.0				10	4.60 ± 0.54	0.0091	
500.0				10	3.80 ± 0.68	0.0665	
1000.0	10	3.10 ± 0.67	0.2566	10	3.30 ± 0.47	0.1807	4.45 ± 0.17
Trend p-Value		0.2570			0.4670		

Trial Summary: Negative

Experiment Number: A22969

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Route: **Dosed-Water**

Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**

Test Compound: **Bromochloroacetic acid**

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**LEGEND**

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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 \*\***