

Experiment Number: A94113

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

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

G04: In Vivo Micronucleus Summary Data

Test Compound: Sodium bromate

CAS Number: 7789-38-0

Date Report Requested: 09/21/2018

Time Report Requested: 12:10:26

NTP Study Number:

A94113

Study Duration:

26 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Positive

Female Study Result:

Positive

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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	13	1.42 ± 0.18	
80.0	13	1.58 ± 0.26	0.3502
400.0	14	1.96 ± 0.26	0.0979
800.0	14	5.25 ± 0.73	< 0.001 *
Trend p-Value		< 0.001 *	

Trial Summary: Positive

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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	10	1.25 ± 0.40	
80.0	9	1.61 ± 0.23	0.2824
400.0	10	3.30 ± 0.35	0.0040 *
800.0	12	7.75 ± 1.35	< 0.001 *
Trend p-Value		< 0.001 *	

Trial Summary: Positive

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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 ****