

Experiment Number: A90104

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

CAS Number: 21850-44-2

Date Report Requested: 09/21/2018

Time Report Requested: 09:31:54

NTP Study Number:

A90104

Study Duration:

14 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 98; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	2.20 ± 0.41	
125.0	5	2.00 ± 0.42	0.6213
250.0	5	2.20 ± 0.41	0.5000
500.0	5	2.20 ± 0.20	0.5000
1000.0	5	2.40 ± 0.37	0.3839
2000.0	5	2.20 ± 0.12	0.5000
Trend p-Value		0.4120	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 98; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	1.40 ± 0.24	
125.0	5	1.50 ± 0.16	0.4263
250.0	5	1.30 ± 0.30	0.5764
500.0	5	1.40 ± 0.37	0.5000
1000.0	5	2.40 ± 0.37	0.0522
2000.0	5	1.90 ± 0.33	0.1918
Trend p-Value		0.0680	

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: Corn Oil

**** END OF REPORT ****