

Experiment Number: A39408

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

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

G04: In Vivo Micronucleus Summary Data

Test Compound: Bromodichloromethane

CAS Number: 75-27-4

Date Report Requested: 09/20/2018

Time Report Requested: 12:16:53

NTP Study Number:

A39408

Study Duration:

26 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

Experiment Number: A39408

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

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

G04: In Vivo Micronucleus Summary Data

Test Compound: Bromodichloromethane

CAS Number: 75-27-4

Date Report Requested: 09/20/2018

Time Report Requested: 12:16:53

Tissue: Blood; Sex: Male; Number of Treatments: 130; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	13	1.00 ± 0.21	
25.0	14	1.25 ± 0.14	0.1938
50.0	12	1.54 ± 0.23	0.0440
100.0	14	1.29 ± 0.22	0.1636
Trend p-Value		0.1880	

Trial Summary: Negative

Experiment Number: A39408

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

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

G04: In Vivo Micronucleus Summary Data

Test Compound: Bromodichloromethane

CAS Number: 75-27-4

Date Report Requested: 09/20/2018

Time Report Requested: 12:16:53

Tissue: Blood; Sex: Female; Number of Treatments: 130; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	11	1.05 ± 0.24	
25.0	14	1.00 ± 0.19	0.5628
50.0	13	0.96 ± 0.24	0.6140
100.0	13	0.96 ± 0.20	0.6140
Trend p-Value		0.6130	

Trial Summary: Negative

Experiment Number: A39408

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

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

G04: In Vivo Micronucleus Summary Data

Test Compound: Bromodichloromethane

CAS Number: 75-27-4

Date Report Requested: 09/20/2018

Time Report Requested: 12:16:53

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 ****