

Experiment Number: A75526

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: 1,2,4,5-Tetrachlorobenzene

CAS Number: 95-94-3

Date Report Requested: 09/21/2018

Time Report Requested: 03:54:19

NTP Study Number:

A75526

Study Duration:

90 Days

Study Methodology:

Slide Scoring

Male Study Result:

Negative

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

MN NCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	0.92 ± 0.10	
30.0	10	0.99 ± 0.08	0.3195
100.0	10	1.08 ± 0.13	0.1276
300.0	10	1.11 ± 0.06	0.0890
1000.0	10	0.89 ± 0.10	0.5933
2000.0	10	0.97 ± 0.06	0.3702
Trend p-Value		0.7350	
Positive Control ²	3	17.17 ± 0.91	< 0.001 *

Trial Summary: Negative

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

MN NCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	0.72 ± 0.09	
30.0	10	0.69 ± 0.09	0.5882
100.0	10	0.69 ± 0.08	0.6003
300.0	10	0.78 ± 0.09	0.2885
1000.0	10	0.57 ± 0.08	0.9092
2000.0	8	0.37 ± 0.05	0.9993
Trend p-Value		1.0000	

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: Feed

2: 0.2 ppm Urne

**** END OF REPORT ****