

Experiment Number: A09633

Test Type: Genetic Toxicology - Micronucleus

Route: Microencapsulation in Feed

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 09/20/2018

Time Report Requested: 01:37:14

NTP Study Number:

A09633

Study Duration:

13 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Equivocal

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 92; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (%)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.90 ± 0.19	
8.0	5	1.80 ± 0.20	0.0415
4.0	5	1.50 ± 0.32	0.1102
2.0	5	1.50 ± 0.22	0.1102
1.0	5	1.20 ± 0.25	0.2562
0.5	5	1.10 ± 0.19	0.3273
Trend p-Value		0.0340	

Trial Summary: Equivocal

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Tissue: Blood; Sex: Female; Number of Treatments: 92; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (%)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.80 ± 0.34	
8.0	5	1.20 ± 0.20	0.1854
4.0	5	1.20 ± 0.25	0.1854
2.0	5	1.70 ± 0.25	0.0358
1.0	5	1.20 ± 0.12	0.1854
0.5	5	0.80 ± 0.12	0.5000
Trend p-Value		0.2450	

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: Microcapsules

**** END OF REPORT ****