

Experiment Number: A48542

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

Species/Strain: Mouse/MICE

G04: In Vivo Micronucleus Summary Data

Test Compound: Pesticide/fertilizer contamination--mixture 3

CAS Number: PESTFERTMIX3

Date Report Requested: 09/20/2018

Time Report Requested: 16:15:54

NTP Study Number:

A48542

Study Duration:

90 Days

Study Methodology:

Slide Scoring

Female Study Result:

Positive (Nonstandard Protocol)

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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 (conc)	N	Mean ± SEM	p-Value
Vehicle Control ¹	9	1.56 ± 0.13	
1.0	9	2.39 ± 0.52	0.0374
10.0	9	3.33 ± 0.24	< 0.001 *
100.0	9	2.72 ± 0.44	0.0083 *
Trend p-Value		0.1640	

Trial Summary: Positive (Nonstandard Protocol)

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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 ****