

Experiment Number: A53723

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

Species/Strain: Mouse/MICE

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Pesticide/fertilizer contamination--mixture 2

CAS Number: PESTFERTMIX2

Date Report Requested: 09/20/2018

Time Report Requested: 18:52:42

**NTP Study Number:**

A53723

**Study Duration:**

90 Days

**Study Methodology:**

Slide Scoring

**Female Study Result:**

Negative (Nonstandard Protocol)

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

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<b>MN NCE/1000</b>			
<b>Dose (conc)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	8	4.00 ± 0.37	
1.0	8	3.81 ± 0.80	0.5801
10.0	8	3.88 ± 0.52	0.5534
100.0	8	3.44 ± 0.76	0.7329
Trend p-Value		0.7320	

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Trial Summary: Negative (Nonstandard Protocol)

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LEGEND

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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 \*\***