

Experiment Number: A38110
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Ethylvanillin
CAS Number: 121-32-4

Date Report Requested: 09/20/2018
Time Report Requested: 11:35:00

NTP Study Number: A38110
Study Duration: 72 Hours
Study Methodology: Slide Scoring
Male Study Result: Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	1.10 ± 0.48		52.60 ± 2.46
47.0	5	0.90 ± 0.24	0.6262	60.30 ± 1.24
94.0	5	1.60 ± 0.33	0.2444	61.20 ± 3.24
187.0	5	1.20 ± 0.64	0.4404	60.90 ± 1.50
375.0	5	1.70 ± 0.56	0.2073	66.30 ± 3.26
750.0	5	2.10 ± 0.76	0.1017	57.90 ± 3.49
Trend p-Value		0.0500		
Positive Control ²	5	16.60 ± 3.66	< 0.001 *	64.10 ± 1.98

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: Corn Oil

2: 25.0 mg/kg Cyclophosphamide

**** END OF REPORT ****