

Experiment Number: 512803

Test Type: Genetic Toxicology - Micronucleus

Route: Intraperitoneal Injection

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Propyl gallate

CAS Number: 121-79-9

Date Report Requested: 09/19/2018

Time Report Requested: 17:32:04

NTP Study Number:

512803

Study Duration:

72 Hours

Study Methodology:

Slide Scoring

Male Study Result:

Negative

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Tissue: Blood; 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	3.30 ± 0.60		3.44 ± 0.15
75.0	5	3.30 ± 1.01	0.5000	3.40 ± 0.26
150.0	4	2.63 ± 0.85	0.7271	3.30 ± 0.35
300.0	3	3.33 ± 0.44	0.4896	3.50 ± 0.30
Trend p-Value		0.5480		
Positive Control ²	5	9.00 ± 1.64	< 0.001 *	1.98 ± 0.21

Trial Summary: 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	2.30 ± 0.49		63.40 ± 2.95
75.0	5	2.30 ± 0.51	0.5000	64.50 ± 3.22
150.0	4	1.25 ± 0.43	0.9491	51.38 ± 1.43
300.0	3	3.17 ± 0.44	0.1498	61.67 ± 4.04
Trend p-Value		0.2320		
Positive Control ²	5	8.60 ± 1.43	< 0.001 *	56.20 ± 2.84

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: 12.5 mg/kg Dimethylbenzanthracene

**** END OF REPORT ****