

Experiment Number: A25917
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Carminic acid
CAS Number: 1260-17-9

Date Report Requested: 09/20/2018
Time Report Requested: 06:56:29

NTP Study Number:	A25917
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

		MN PCE/1000		% PCE	
Dose (mg/kg)	N	Mean ± SEM	p-Value	Mean ± SEM	
Vehicle Control ¹	5	2.10 ± 0.56		61.70 ± 1.73	
40.0	5	0.90 ± 0.40	0.9459	66.60 ± 2.90	
80.0	4	1.75 ± 0.95	0.6510	63.38 ± 6.58	
120.0	4	1.88 ± 0.24	0.5972	69.25 ± 5.01	
Trend p-Value		0.4980			
Positive Control ²	4	14.00 ± 3.70	< 0.001 *	63.00 ± 7.86	

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: Phosphate Buffered Saline

2: 15.0 mg/kg Cyclophosphamide

**** END OF REPORT ****