

Experiment Number: A47789  
Test Type: Genetic Toxicology - Micronucleus  
Route: Intraperitoneal Injection  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Pyrilamine maleate  
CAS Number: 59-33-6

Date Report Requested: 09/20/2018

Time Report Requested: 15:57:21

<b>NTP Study Number:</b>	A47789
<b>Study Duration:</b>	72 Hours
<b>Study Methodology:</b>	Slide Scoring
<b>Male Study Result:</b>	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		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control <sup>1</sup>	5	1.80 ± 0.34		5	0.00 ± 0.00		44.76 ± 3.12
20.0	5	1.50 ± 0.59	0.6994	3	0.00 ± 0.00	0.5000	47.90 ± 0.38
40.0	5	1.00 ± 0.42	0.9348	4	0.00 ± 0.00	0.5000	44.95 ± 1.26
60.0	5	1.40 ± 0.19	0.7604	4	0.00 ± 0.00	0.5000	47.40 ± 0.73
80.0	5	2.30 ± 0.64	0.2172	3	0.00 ± 0.00	0.5000	44.33 ± 2.85
Trend p-Value		0.2380					
Positive Control <sup>2</sup>	5	8.20 ± 1.79	< 0.001 *	5	0.00 ± 0.00	0.5000	51.34 ± 2.71

Trial Summary: Negative

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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: Phosphate Buffered Saline

2: 0.2 mg/kg Mitomycin-C

**\*\* END OF REPORT \*\***