

Experiment Number: **G20239B**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Feed**

Species/Strain: **Rat/Harlan Sprague Dawley**

**G04: In Vivo Micronucleus Summary Data**

Test Compound: **2-Ethylhexyl p-Methoxycinnamate**

CAS Number: **5466-77-3**

Date Report Requested: **09/23/2018**

Time Report Requested: **15:50:13**

**NTP Study Number:**

G20239B

**Study Duration:**

16 Weeks

**Study Methodology:**

Flow Cytometry

**Male Study Result:**

Negative

**Female Study Result:**

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 112; Time interval between final treatment and cell sampling: 0 h

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Dose (ppm)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control <sup>1</sup>	5	0.880 ± 0.227		5	0.045 ± 0.012		0.874 ± 0.046	
1000.0	5	0.830 ± 0.034	0.7795	5	0.029 ± 0.007	0.9133	0.925 ± 0.037	0.4911
3000.0	5	0.738 ± 0.087	1.0000	5	0.027 ± 0.006	0.9568	1.036 ± 0.089	0.1481
6000.0	5	0.480 ± 0.108	1.0000	5	0.015 ± 0.003	0.9690	0.977 ± 0.045	0.1549
Trend p-Value		0.9118			0.9905		0.1755	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 112; Time interval between final treatment and cell sampling: 0 h

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Dose (ppm)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control <sup>1</sup>	5	0.670 ± 0.133		5	0.040 ± 0.009		1.132 ± 0.122	
1000.0	5	0.510 ± 0.073	0.8709	5	0.018 ± 0.004	1.0000	0.954 ± 0.072	0.7850
3000.0	5	0.490 ± 0.033	0.9270	5	0.010 ± 0.001	1.0000	0.778 ± 0.169	0.2615
6000.0	5	0.430 ± 0.082	0.9451	5	0.009 ± 0.002	1.0000	0.913 ± 0.081	0.5443
Trend p-Value		0.9523			0.9998		0.1217	

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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

Pairwise comparison with the control group; values are significant at  $P \leq 0.025$  by Williams or Dunn's test

Dose-related trend; significant at  $P \leq 0.025$  by linear regression or Jonckheere's test

\* Statistically significant pairwise or trend test

1: Vehicle Control: Feed

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