

Experiment Number: A65600

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Rat/Fischer 344

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Butylated hydroxyanisole (BHA)

CAS Number: 25013-16-5

Date Report Requested: 09/20/2018

Time Report Requested: 23:51:24

**NTP Study Number:**

A65600

**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 <sup>1</sup>	5	0.40 ± 0.19		56.80 ± 1.70
156.0	5	0.40 ± 0.19	0.5000	56.80 ± 0.93
312.0	5	0.50 ± 0.16	0.3694	60.60 ± 0.99
625.0	5	0.50 ± 0.16	0.3694	58.10 ± 1.92
1250.0	5	0.20 ± 0.12	0.7929	58.50 ± 1.89
Trend p-Value		0.7850		
Positive Control <sup>2</sup>	4	29.50 ± 2.52	< 0.001 *	42.50 ± 2.41

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: Corn Oil

2: 8.0 mg/kg Cyclophosphamide

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