

Experiment Number: A14992
Test Type: Genetic Toxicology - Micronucleus
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: p-tert-Butylcatechol
CAS Number: 98-29-3

Date Report Requested: 09/20/2018
Time Report Requested: 03:34:49

NTP Study Number:	A14992
Study Duration:	13 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	0.70 ± 0.15	
781.0	10	0.55 ± 0.12	0.7258
1562.0	10	0.50 ± 0.11	0.7930
3125.0	10	0.45 ± 0.14	0.8515
6250.0	10	0.70 ± 0.17	0.5000
12500.0	10	0.75 ± 0.11	0.4263
Trend p-Value		0.1860	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	0.40 ± 0.12	
781.0	10	0.40 ± 0.07	0.5000
1562.0	10	0.60 ± 0.10	0.1855
3125.0	10	0.55 ± 0.16	0.2456
6250.0	10	0.70 ± 0.08	0.1004
12500.0	10	0.60 ± 0.15	0.1855
Trend p-Value		0.1590	

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: Feed

**** END OF REPORT ****