

Experiment Number: A51448

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/FVB/N

G04: In Vivo Micronucleus Summary Data

Test Compound: Ethinyl estradiol

CAS Number: 57-63-6

Date Report Requested: 09/20/2018

Time Report Requested: 17:47:42

NTP Study Number:

A51448

Study Duration:

26 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 52; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (ug/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	14	0.71 ± 0.11	
530.0	10	0.90 ± 0.12	0.2379
Trend p-Value		0.2380	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 52; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (ug/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	11	0.77 ± 0.16	
530.0	4	0.75 ± 0.32	0.5251
Trend p-Value		0.5250	

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: Ethanol

**** END OF REPORT ****