

Experiment Number: A30983

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/FVB/N

G04: In Vivo Micronucleus Summary Data

Test Compound: Diethylstilbestrol

CAS Number: 56-53-1

Date Report Requested: 09/20/2018

Time Report Requested: 08:57:09

NTP Study Number:

A30983

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	15	1.60 ± 0.19	
480.0	11	1.45 ± 0.29	0.6621
Trend p-Value		0.6620	

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	14	1.57 ± 0.25	
480.0	15	1.67 ± 0.23	0.3878
Trend p-Value		0.3880	

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 ****