

Experiment Number: A94530

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 09/21/2018

Time Report Requested: 12:15:28

NTP Study Number:

A94530

Study Duration:

3 Months

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 61; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	2.10 ± 0.19	
15.6	5	1.50 ± 0.27	0.8416
31.25	5	1.80 ± 0.25	0.6847
62.5	5	2.00 ± 0.35	0.5621
125.0	5	1.90 ± 0.29	0.6242
250.0	5	1.60 ± 0.33	0.7947
Trend p-Value		0.6630	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 61; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	1.10 ± 0.37	
15.6	5	1.40 ± 0.19	0.2741
31.25	5	1.60 ± 0.29	0.1678
62.5	5	1.60 ± 0.33	0.1678
125.0	5	1.80 ± 0.34	0.0967
250.0	5	1.90 ± 0.33	0.0719
Trend p-Value		0.0870	

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: Corn Oil

**** END OF REPORT ****