

Experiment Number: A82446

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 09/21/2018

Time Report Requested: 06:40:21

NTP Study Number:

A82446

Study Duration:

90 Days

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 (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	2.80 ± 0.20	
1000.0	5	2.40 ± 0.19	0.7107
2000.0	5	2.60 ± 0.48	0.6074
3000.0	5	1.90 ± 0.48	0.9056
4000.0	5	2.50 ± 0.42	0.6601
5000.0	5	3.40 ± 0.19	0.2227
Trend p-Value		0.2710	

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 (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	1.70 ± 0.20	
1000.0	5	1.70 ± 0.20	0.5000
2000.0	5	1.60 ± 0.29	0.5692
3000.0	5	2.00 ± 0.39	0.3108
4000.0	5	2.10 ± 0.40	0.2580
5000.0	5	1.50 ± 0.16	0.6383
Trend p-Value		0.4320	

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: Water

**** END OF REPORT ****