

Experiment Number: A28741

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Methyl soyate**

CAS Number: **67784-80-9**

Date Report Requested: **09/20/2018**

Time Report Requested: **08:00:09**

NTP Study Number:

A28741

Study Duration:

24 Hours

Study Methodology:

Slide Scoring

Male Study Result:

Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000		% PCE	
Dose (mg/kg)	N	Mean ± SEM	p-Value	Mean ± SEM	
Vehicle Control ¹	5	0.80 ± 0.25		67.50 ± 2.27	
500.0	5	0.80 ± 0.44	0.5000	64.20 ± 1.66	
1000.0	5	1.20 ± 0.25	0.1854	56.60 ± 5.44	
2000.0	5	0.90 ± 0.19	0.4041	61.30 ± 4.34	
Trend p-Value		0.3590			
Positive Control ²	5	16.70 ± 1.30	< 0.001 *	53.90 ± 3.49	

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

2: 20.0 mg/kg Cyclophosphamide

**** END OF REPORT ****