

Experiment Number: A66124
Test Type: Genetic Toxicology - Micronucleus
Route: Gavage
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Salicylazosulfapyridine
CAS Number: 599-79-1

Date Report Requested: 09/21/2018

Time Report Requested: 00:15:41

NTP Study Number:	A66124
Study Duration:	90 Days
Study Methodology:	Slide Scoring
Male Study Result:	Positive
Female Study Result:	Positive

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Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	1.09 ± 0.08	
675.0	10	2.57 ± 0.18	< 0.001 *
1350.0	10	3.03 ± 0.22	< 0.001 *
2700.0	10	2.94 ± 0.22	< 0.001 *
Trend p-Value		< 0.001 *	

Trial Summary: Positive

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Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	0.87 ± 0.06	
675.0	10	1.98 ± 0.18	< 0.001 *
1350.0	10	2.29 ± 0.19	< 0.001 *
2700.0	10	2.08 ± 0.12	< 0.001 *
Trend p-Value		< 0.001 *	

Trial Summary: Positive

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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 ****