

Experiment Number: A80637

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Coumarin

CAS Number: 91-64-5

Date Report Requested: 09/21/2018

Time Report Requested: 05:40:53

NTP Study Number:

A80637

Study Duration:

90 Days

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

Experiment Number: A80637

G04: In Vivo Micronucleus Summary Data

Date Report Requested: 09/21/2018

Test Type: Genetic Toxicology - Micronucleus

Test Compound: Coumarin

Time Report Requested: 05:40:53

Route: Gavage

CAS Number: 91-64-5

Species/Strain: Mouse/B6C3F1

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	9	0.77 ± 0.12	
75.0	9	0.83 ± 0.13	0.3176
150.0	10	0.79 ± 0.08	0.4304
300.0	7	0.60 ± 0.09	0.8910
Trend p-Value		0.8960	

Trial Summary: Negative

Experiment Number: A80637

G04: In Vivo Micronucleus Summary Data

Date Report Requested: 09/21/2018

Test Type: Genetic Toxicology - Micronucleus

Test Compound: Coumarin

Time Report Requested: 05:40:53

Route: Gavage

CAS Number: 91-64-5

Species/Strain: Mouse/B6C3F1

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	0.56 ± 0.10	
75.0	9	0.59 ± 0.07	0.4248
150.0	10	0.60 ± 0.09	0.3778
300.0	9	0.65 ± 0.08	0.2162
Trend p-Value		0.2080	

Trial Summary: Negative

Experiment Number: A80637

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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: Solvent

**** END OF REPORT ****