Experiment Number: **A08341**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Methyl coumarin**
CAS Number: **92-48-8**

Date Report Requested: **09/20/2018**
Time Report Requested: **01:01:56**

NTP Study Number:	A08341
Study Duration:	13 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Equivocal
Female Study Result:	Negative

Experiment Number: **A08341**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Methyl coumarin**
CAS Number: **92-48-8**

Date Report Requested: **09/20/2018**
Time Report Requested: **01:01:56**

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]	8	0.58 ± 0.09	
200.0	9	0.66 ± 0.12	0.2563
400.0	8	0.92 ± 0.11	0.0072 *
Trend p-Value		0.0060 *	

Trial Summary: Equivocal

Experiment Number: **A08341**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Methyl coumarin**
CAS Number: **92-48-8**

Date Report Requested: **09/20/2018**
Time Report Requested: **01:01:56**

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]	8	0.55 ± 0.11	
200.0	10	0.21 ± 0.05	0.9999
400.0	9	0.26 ± 0.05	0.9987
Trend p-Value		0.9990	

Trial Summary: Negative

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 ± 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/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 **