Experiment Number: **A29699**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Methyleugenol**
CAS Number: **93-15-2**

Date Report Requested: **09/20/2018**
Time Report Requested: **08:33:01**

NTP Study Number:	A29699
Study Duration:	13 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A29699**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Methyleugenol**
CAS Number: **93-15-2**

Date Report Requested: **09/20/2018**
Time Report Requested: **08:33:01**

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	0.81 ± 0.10	
10.0	10	0.70 ± 0.10	0.8230
30.0	10	0.78 ± 0.10	0.5935
100.0	10	0.84 ± 0.05	0.4077
300.0	10	0.63 ± 0.06	0.9364
1000.0	8	0.65 ± 0.02	0.8992
Trend p-Value		0.9150	
Positive Control[2]	3	15.45 ± 0.25	< 0.001 *

Trial Summary: Negative

Experiment Number: **A29699**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Methyleugenol**
CAS Number: **93-15-2**

Date Report Requested: **09/20/2018**
Time Report Requested: **08:33:01**

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]	9	0.46 ± 0.09	
10.0	10	0.45 ± 0.06	0.5555
30.0	9	0.43 ± 0.06	0.6160
100.0	10	0.54 ± 0.08	0.2151
300.0	10	0.44 ± 0.08	0.5908
1000.0	9	0.62 ± 0.08	0.0620
Trend p-Value		0.0270	

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: Carboxymethylcellulose
2: 0.2 mg/kg Urne

** END OF REPORT **