Experiment Number: **210426**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Eugenol**
CAS Number: **97-53-0**

Date Report Requested: **09/19/2018**
Time Report Requested: **13:55:14**

NTP Study Number:	210426
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **210426**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Eugenol**

CAS Number: **97-53-0**

Date Report Requested: **09/19/2018**

Time Report Requested: **13:55:14**

Tissue: Blood; 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	3.00 ± 0.65		2.20 ± 0.17
150.0	5	2.80 ± 0.34	0.6037	2.10 ± 0.27
300.0	5	3.20 ± 0.54	0.3996	1.54 ± 0.17
600.0	5	2.30 ± 0.25	0.8322	1.96 ± 0.26
Trend p-Value		0.8090		
Positive Control[2]	5	9.20 ± 1.41	< 0.001 *	0.68 ± 0.08

Trial Summary: Negative

Experiment Number: **210426**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Eugenol**

CAS Number: **97-53-0**

Date Report Requested: **09/19/2018**

Time Report Requested: **13:55:14**

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	3.50 ± 0.82		68.00 ± 3.62
150.0	5	3.70 ± 0.96	0.4273	58.80 ± 3.20
300.0	5	3.20 ± 0.73	0.6121	60.40 ± 2.59
600.0	7	3.29 ± 0.46	0.5867	59.00 ± 1.80
Trend p-Value		0.6310		
Positive Control[2]	5	9.10 ± 1.39	< 0.001 *	58.30 ± 3.54

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
2: 12.5 mg/kg Dimethylbenzanthracene

** END OF REPORT **