Experiment Number: **367536**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Diglycidyl resorcinol ether (DGRE)**
CAS Number: **101-90-6**

Date Report Requested: **09/19/2018**
Time Report Requested: **15:50:39**

NTP Study Number:	367536
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **367536**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Diglycidyl resorcinol ether (DGRE)**

CAS Number: **101-90-6**

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

Time Report Requested: **15:50:39**

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	1.70 ± 0.20		51.30 ± 2.46
15.2	5	2.10 ± 0.51	0.2580	35.90 ± 4.67
30.4	5	2.50 ± 0.42	0.1083	38.10 ± 5.28
60.8	3	3.00 ± 0.76	0.0442	43.67 ± 7.03
Trend p-Value		0.0380		
Positive Control[2]	5	2.00 ± 0.52	0.3108	33.60 ± 3.79

Trial Summary: Negative

Experiment Number: **367536**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Diglycidyl resorcinol ether (DGRE)**

CAS Number: **101-90-6**

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

Time Report Requested: **15:50:39**

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	2.40 ± 0.37		44.90 ± 4.84
15.2	5	1.80 ± 0.34	0.8230	41.20 ± 3.59
30.4	5	2.60 ± 0.73	0.3885	47.00 ± 4.11
60.8	5	2.80 ± 0.51	0.2893	48.60 ± 4.63
Trend p-Value		0.1670		
Positive Control[2]	5	8.60 ± 1.14	< 0.001 *	29.80 ± 3.80

Trial Summary: Negative

Experiment Number: **367536**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Diglycidyl resorcinol ether (DGRE)**
CAS Number: **101-90-6**

Date Report Requested: **09/19/2018**
Time Report Requested: **15:50:39**

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	2.80 ± 0.70		54.80 ± 4.42
30.4	5	2.60 ± 0.98	0.5764	45.50 ± 6.19
60.8	5	2.70 ± 0.60	0.5380	50.90 ± 2.81
91.2	5	2.40 ± 0.53	0.6527	52.50 ± 3.39
Trend p-Value		0.6330		
Positive Control[2]	5	6.60 ± 0.84	< 0.001 *	41.70 ± 5.58

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 **