Experiment Number: **A96924**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **tert-Butyl perbenzoate**
CAS Number: **614-45-9**

Date Report Requested: **09/21/2018**
Time Report Requested: **12:59:51**

NTP Study Number:	A96924
Study Duration:	90 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A96924**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **tert-Butyl perbenzoate**
CAS Number: **614-45-9**

Date Report Requested: **09/21/2018**
Time Report Requested: **12:59:51**

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	1.67 ± 0.10	
30.0	10	1.51 ± 0.09	0.8246
60.0	10	1.47 ± 0.12	0.8892
125.0	10	1.58 ± 0.16	0.6957
250.0	10	1.84 ± 0.13	0.1732
500.0	10	1.79 ± 0.19	0.2595
Trend p-Value		0.0220 *	

Trial Summary: Negative

Experiment Number: **A96924**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **tert-Butyl perbenzoate**
CAS Number: **614-45-9**

Date Report Requested: **09/21/2018**
Time Report Requested: **12:59:51**

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	1.17 ± 0.14	
30.0	10	1.24 ± 0.14	0.3377
60.0	10	1.08 ± 0.15	0.7186
125.0	10	1.13 ± 0.10	0.5886
250.0	9	1.00 ± 0.06	0.8426
500.0	10	1.32 ± 0.10	0.1941
Trend p-Value		0.2220	

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: Solvent

** END OF REPORT **