Experiment Number: **A27535**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **3,3',4,4'-Tetrachloroazoxybenzene**
CAS Number: **21232-47-3**

Date Report Requested: **09/20/2018**
Time Report Requested: **07:34:49**

NTP Study Number:	A27535
Study Duration:	92 Days
Study Methodology:	Slide Scoring
Male Study Result:	Positive
Female Study Result:	Positive

Experiment Number: **A27535**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **3,3',4,4'-Tetrachloroazoxybenzene**
CAS Number: **21232-47-3**

Date Report Requested: **09/20/2018**
Time Report Requested: **07:34:49**

Tissue: Blood; Sex: Male; Number of Treatments: 64; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	3.10 ± 0.33	
0.1	5	4.20 ± 0.46	0.0986
1.0	5	4.20 ± 0.60	0.0986
3.0	5	4.70 ± 0.58	0.0347
10.0	5	6.40 ± 0.48	< 0.001 *
30.0	5	5.00 ± 0.27	0.0172
Trend p-Value		0.0460	

Trial Summary: Positive

Experiment Number: **A27535**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **3,3',4,4'-Tetrachloroazoxybenzene**
CAS Number: **21232-47-3**

Date Report Requested: **09/20/2018**
Time Report Requested: **07:34:49**

Tissue: Blood; Sex: Female; Number of Treatments: 64; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	1.80 ± 0.25	
0.1	5	2.20 ± 0.30	0.2633
1.0	5	2.40 ± 0.19	0.1770
3.0	5	3.20 ± 0.25	0.0237
10.0	5	3.90 ± 0.29	0.0027 *
30.0	5	4.00 ± 0.42	0.0019 *
Trend p-Value		0.0010 *	

Trial Summary: Positive

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 **