Experiment Number: **A25951**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Rat/Fischer 344**

G04: In Vivo Micronucleus Summary Data
Test Compound: **4-Hexylresorcinol**
CAS Number: **136-77-6**

Date Report Requested: **09/20/2018**
Time Report Requested: **07:01:00**

NTP Study Number:	A25951
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

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Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Rat/Fischer 344**

G04: In Vivo Micronucleus Summary Data

Test Compound: **4-Hexylresorcinol**

CAS Number: **136-77-6**

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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	0.80 ± 0.34		42.30 ± 2.50
31.25	5	1.00 ± 0.32	0.3186	36.90 ± 2.79
62.5	5	0.60 ± 0.24	0.7036	35.10 ± 1.78
125.0	5	1.20 ± 0.49	0.1854	41.70 ± 1.81
250.0	3	0.33 ± 0.17	0.8736	36.33 ± 5.93
Trend p-Value		0.7700		
Positive Control[2]	5	29.19 ± 9.80	< 0.001 *	1.60 ± 0.80

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: 25.0 mg/kg Cyclophosphamide

** END OF REPORT **