Experiment Number: **A48831**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Pentachloroethane**
CAS Number: **76-01-7**

Date Report Requested: **09/20/2018**
Time Report Requested: **16:25:23**

NTP Study Number:	A48831
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

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Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
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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			MN NCE/1000			% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	1.00 ± 0.35		1	0.00 ± 0.00		47.30 ± 0.00
39.062	4	1.25 ± 0.66	0.3084				53.73 ± 1.64
78.125	5	1.60 ± 0.24	0.1195	1	0.00 ± 0.00	< 0.001 *	41.60 ± 0.00
156.25	5	1.50 ± 0.65	0.1585	1	0.00 ± 0.00	< 0.001 *	46.40 ± 0.00
312.5	5	1.10 ± 0.24	0.4136				54.78 ± 1.32
625.0	5	1.80 ± 0.44	0.0652	2	0.00 ± 0.00	0.5000	45.30 ± 3.50
Trend p-Value		0.1410					
Positive Control[2]	5	15.20 ± 0.93	< 0.001 *	5	0.00 ± 0.00	0.5000	43.90 ± 1.73

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 **