Experiment Number: **245795**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Tetrachloroethylene**
CAS Number: **127-18-4**

Date Report Requested: **09/19/2018**
Time Report Requested: **14:36:24**

NTP Study Number:	245795
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **245795**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
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Date Report Requested: **09/19/2018**
Time Report Requested: **14:36:24**

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	1.50 ± 0.35		5	0.00 ± 0.00		45.76 ± 1.35
500.0	5	1.70 ± 0.49	0.3617	3	0.00 ± 0.00	0.5000	45.40 ± 2.25
1000.0	5	0.90 ± 0.40	0.8898	1	0.00 ± 0.00	< 0.001 *	47.00 ± 0.00
1500.0	5	2.30 ± 0.37	0.0970	3	0.00 ± 0.00	0.5000	48.77 ± 0.77
2000.0	5	2.40 ± 0.37	0.0746	3	0.00 ± 0.00	0.5000	45.13 ± 2.20
Trend p-Value		0.0350					
Positive Control[2]	4	3.88 ± 0.38	< 0.001 *	4	0.00 ± 0.00	0.5000	39.55 ± 3.50

Trial Summary: Negative

Experiment Number: **245795**
Test Type: **Genetic Toxicology - Micronucleus**
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Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Tetrachloroethylene**
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Date Report Requested: **09/19/2018**
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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 ± 0.32		1	0.00 ± 0.00		49.80 ± 0.00
500.0	5	1.00 ± 0.35	0.5000	1	0.00 ± 0.00	< 0.001 *	48.70 ± 0.00
1000.0	5	1.00 ± 0.27	0.5000	2	0.00 ± 0.00	0.5000	48.10 ± 1.10
1500.0	5	1.80 ± 0.49	0.0652	1	0.00 ± 0.00	< 0.001 *	49.00 ± 0.00
2000.0	3	1.67 ± 0.17	0.1240	1	0.00 ± 0.00	< 0.001 *	41.70 ± 0.00
Trend p-Value		0.0380					
Positive Control[2]	5	3.80 ± 0.60	< 0.001 *	5	0.00 ± 0.00	0.5000	47.30 ± 2.96

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 **