Experiment Number: **081496**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **N-Methylolacrylamide**
CAS Number: **924-42-5**

Date Report Requested: **09/19/2018**
Time Report Requested: **12:13:41**

NTP Study Number:	081496
Study Duration:	48 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **081496**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

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Test Compound: **N-Methylolacrylamide**

CAS Number: **924-42-5**

Date Report Requested: **09/19/2018**

Time Report Requested: **12:13:41**

Tissue: Bone marrow; Sex: Male; Number of Treatments: 2; 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	1.50 ± 0.47		41.14 ± 2.02
37.5	5	1.50 ± 0.32	0.5000	47.46 ± 4.07
75.0	5	0.70 ± 0.20	0.9560	50.16 ± 5.75
150.0	5	0.80 ± 0.30	0.9279	46.70 ± 8.65
Trend p-Value		0.9630		
Positive Control[2]	5	36.80 ± 10.33	< 0.001 *	32.14 ± 2.99

Trial Summary: Negative

Experiment Number: **081496**
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Tissue: Bone marrow; Sex: Male; Number of Treatments: 2; 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[3]	5	0.70 ± 0.46		45.08 ± 2.80
37.5	5	1.60 ± 0.51	0.0802	44.88 ± 2.32
75.0	5	2.20 ± 0.51	0.0186	44.80 ± 4.19
150.0	5	1.00 ± 0.35	0.2932	48.56 ± 6.38
Trend p-Value		0.3990		
Positive Control[4]	5	20.40 ± 2.13	< 0.001 *	37.96 ± 5.35

Trial Summary: Negative

Experiment Number: **081496**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **N-Methylolacrylamide**

CAS Number: **924-42-5**

Date Report Requested: **09/19/2018**

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 2; 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[3]	5	1.00 ± 0.27		41.24 ± 2.34
37.5	5	1.40 ± 0.43	0.2070	42.28 ± 5.25
75.0	5	1.30 ± 0.54	0.2657	42.94 ± 2.35
112.5	5	2.10 ± 0.66	0.0240	39.84 ± 4.27
Trend p-Value		0.0300		
Positive Control[4]	5	34.70 ± 3.02	< 0.001 *	37.60 ± 2.74

Trial Summary: Negative

Experiment Number: **081496**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
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Tissue: Bone marrow; Sex: Male; Number of Treatments: 2; 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[3]	5	0.70 ± 0.37		48.30 ± 1.75
37.5	5	1.00 ± 0.35	0.2333	47.10 ± 1.80
75.0	5	0.30 ± 0.20	0.8971	43.76 ± 2.40
112.5	5	0.20 ± 0.12	0.9522	43.74 ± 2.93
Trend p-Value		0.9820		
Positive Control[5]	5	5.00 ± 0.85	< 0.001 *	49.16 ± 2.72

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: 100.0 mg/kg Dimethylbenzanthracene
3: Vehicle Control: Phosphate Buffered Saline
4: 1.0 mg/kg Mitomycin-C
5: 0.2 mg/kg Mitomycin-C

** END OF REPORT **