Experiment Number: **020652**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Dimethyl hydrazine (DMH)**
CAS Number: **57-14-7**

Date Report Requested: **09/19/2018**
Time Report Requested: **11:35:11**

NTP Study Number:	020652
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **020652**

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Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

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CAS Number: **57-14-7**

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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	1.70 ± 0.37		48.48 ± 2.23
25.0	5	1.90 ± 0.19	0.3693	49.42 ± 5.01
50.0	5	1.10 ± 0.43	0.8717	38.90 ± 2.61
100.0	10	1.90 ± 0.27	0.3513	46.50 ± 1.98
Trend p-Value		0.3420		
Positive Control[2]	4	11.25 ± 2.44	< 0.001 *	28.18 ± 3.21

Trial Summary: Negative

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

G04: In Vivo Micronucleus Summary Data
Test Compound: **Dimethyl hydrazine (DMH)**
CAS Number: **57-14-7**

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		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	3	2.33 ± 0.33		30.00 ± 5.21
50.0	3	1.33 ± 0.88	0.8998	36.47 ± 5.27
100.0	2	0.50 ± 0.50	0.9877	35.10 ± 2.30
200.0	1	1.00 ± 0.00	< 0.001 *	33.20 ± 0.00
Trend p-Value		0.9910		

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 **