Experiment Number: **A82983**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Feed**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Malachite green**
CAS Number: **569-64-2**

Date Report Requested: **09/21/2018**
Time Report Requested: **06:49:52**

NTP Study Number:	A82983
Study Duration:	28 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A82983**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Feed**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Malachite green**
CAS Number: **569-64-2**

Date Report Requested: **09/21/2018**
Time Report Requested: **06:49:52**

Tissue: Blood; Sex: Male; Number of Treatments: 28; Time interval between final treatment and cell sampling: 24 h

	MN PCE/1000			MN NCE/1000			% PCE
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	8	3.31 ± 0.73		8	1.81 ± 0.31		3.88 ± 0.56
25.0	8	2.75 ± 0.39	0.8200	8	1.81 ± 0.42	0.5000	3.85 ± 0.20
100.0	8	2.44 ± 0.44	0.9281	8	1.94 ± 0.31	0.3980	4.29 ± 0.30
300.0	8	1.50 ± 0.21	0.9995	8	1.88 ± 0.26	0.4482	4.24 ± 0.14
600.0	8	2.25 ± 0.23	0.9644	8	1.31 ± 0.16	0.8712	4.81 ± 0.31
1200.0	8	2.00 ± 0.46	0.9887	8	1.38 ± 0.28	0.8367	5.34 ± 0.24
Trend p-Value		0.9730			0.9370		

Trial Summary: Negative

Experiment Number: **A82983**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Feed**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Malachite green**

CAS Number: **569-64-2**

Date Report Requested: **09/21/2018**

Time Report Requested: **06:49:52**

Tissue: Blood; Sex: Female; Number of Treatments: 28; Time interval between final treatment and cell sampling: 24 h

	MN PCE/1000			MN NCE/1000			% PCE
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	8	2.63 ± 0.45		8	1.94 ± 0.38		3.21 ± 0.27
25.0	8	2.06 ± 0.51	0.8509	8	1.94 ± 0.41	0.5000	3.91 ± 0.42
100.0	8	2.31 ± 0.37	0.7134	8	3.00 ± 0.58	0.0277	4.10 ± 0.49
300.0	8	2.69 ± 0.67	0.4568	8	3.19 ± 0.48	0.0135	4.39 ± 0.37
600.0	8	3.00 ± 0.25	0.2633	8	3.13 ± 0.42	0.0173	4.34 ± 0.21
1200.0	8	1.63 ± 0.26	0.9740	8	2.50 ± 0.38	0.1425	4.61 ± 0.47
Trend p-Value		0.8790			0.1930		

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: Feed

** END OF REPORT **