Experiment Number: **G03020B**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Water**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **N-Butylpyridinium Chloride**
CAS Number: **1124-64-7**

Date Report Requested: **09/23/2018**
Time Report Requested: **11:03:03**

NTP Study Number:	G03020B
Study Duration:	0 null
Study Methodology:	Flow Cytometry
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **G03020B**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Water**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **N-Butylpyridinium Chloride**
CAS Number: **1124-64-7**

Date Report Requested: **09/23/2018**
Time Report Requested: **11:03:03**

Tissue: Blood; Sex: Male; Number of Treatments: 92; Time interval between final treatment and cell sampling: 0 h

		MN PCE/1000			MN NCE/1000		% PCE	
Dose (mg/mL)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	4.240 ± 0.493		5	1.586 ± 0.042		1.250 ± 0.049	
1.0	5	4.380 ± 0.228	0.5725	5	1.741 ± 0.072	0.0763	1.137 ± 0.052	0.3546
3.0	5	4.220 ± 0.269	0.6602	5	1.669 ± 0.033	0.0918	1.157 ± 0.072	0.4291
6.0	5	3.770 ± 0.311	0.6964	5	1.757 ± 0.067	0.0292	1.191 ± 0.101	0.4565
Trend p-Value		0.8866			0.0722		0.6975	

Trial Summary: Negative

Experiment Number: **G03020B**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Water**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **N-Butylpyridinium Chloride**
CAS Number: **1124-64-7**

Date Report Requested: **09/23/2018**
Time Report Requested: **11:03:03**

Tissue: Blood; Sex: Female; Number of Treatments: 92; Time interval between final treatment and cell sampling: 0 h

	MN PCE/1000			MN NCE/1000			% PCE	
Dose (mg/mL)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	2.380 ± 0.352		5	1.009 ± 0.020		1.381 ± 0.194	
1.0	5	3.009 ± 0.370	0.2360	5	1.038 ± 0.022	0.2999	1.004 ± 0.098	0.3159
3.0	5	2.717 ± 0.272	0.2850	5	1.032 ± 0.051	0.3595	0.993 ± 0.135	0.3804
6.0	5	2.510 ± 0.390	0.3028	5	1.092 ± 0.032	0.0612	1.424 ± 0.048	0.4062
Trend p-Value		0.5786			0.0468		0.4197	

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
Pairwise comparison with the control group; values are significant at P <= 0.025 by Williams or Dunn's test
Dose-related trend; significant at P <= 0.025 by linear regression or Jonckheere's test
* Statistically significant pairwise or trend test
1: Vehicle Control: Water

** END OF REPORT **