Experiment Number: **G94043C**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Drinking water**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Sodium Metavanadate**
CAS Number: **13718-26-8**

Date Report Requested: **05/16/2022**
Time Report Requested: **16:19:27**

NTP Study Number:	G94043C
Study Duration:	3 month
Study Methodology:	Flow cytometry
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **G94043C**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Drinking water**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Sodium Metavanadate**
CAS Number: **13718-26-8**

Date Report Requested: **05/16/2022**
Time Report Requested: **16:19:27**

Tissue: Blood; Sex: Male

		MN PCE/1000			MN NCE/1000		% PCE	
Concentration (mg/L)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	2.840 ± 0.118		5	1.564 ± 0.011		1.546 ± 0.054	
31.3	5	3.050 ± 0.152	1.0000	5	1.527 ± 0.027	1.0000	1.399 ± 0.043	1.0000
62.5	5	2.608 ± 0.190	1.0000	5	1.523 ± 0.051	1.0000	1.588 ± 0.038	1.0000
125	5	2.910 ± 0.222	1.0000	5	1.557 ± 0.034	1.0000	1.851 ± 0.067	0.6122
250	5	2.480 ± 0.290	1.0000	5	1.471 ± 0.047	1.0000	2.130 ± 0.065	0.0660
500	5	2.430 ± 0.133	1.0000	5	1.426 ± 0.018	1.0000	2.699 ± 0.066	0.0032 *
Trend p-Value		0.9693			0.9941		< 0.001 *	

Trial Summary: Negative

Experiment Number: **G94043C**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Drinking water**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Sodium Metavanadate**
CAS Number: **13718-26-8**

Date Report Requested: **05/16/2022**
Time Report Requested: **16:19:27**

Tissue: Blood; Sex: Female

		MN PCE/1000			MN NCE/1000		% PCE	
Concentration (mg/L)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**	**p-Value**
Vehicle Control[2]	5	2.190 ± 0.196		5	0.969 ± 0.022		1.843 ± 0.092	
31.3	5	1.990 ± 0.163	1.0000	5	1.004 ± 0.010	0.5897	1.408 ± 0.167	1.0000
62.5	5	1.760 ± 0.130	1.0000	5	1.015 ± 0.023	0.2850	1.677 ± 0.215	1.0000
125	5	1.690 ± 0.207	1.0000	5	0.995 ± 0.018	1.0000	2.276 ± 0.177	1.0000
250	5	2.190 ± 0.051	1.0000	5	0.965 ± 0.032	1.0000	2.879 ± 0.080	0.2410
500	5	1.520 ± 0.177	1.0000	5	0.969 ± 0.026	1.0000	3.259 ± 0.073	0.0181 *
Trend p-Value		0.9596			0.6878		< 0.001 *	

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 vehicle control; values are significant at P <= 0.025 by Dunn's test
Concentration-related trend; significant at P <= 0.025 by Jonckheere's test
* Statistically significant pairwise or trend test
1: Vehicle Control: Water
2: Vehicle Control: water

** END OF REPORT **