Experiment Number: **G01090B**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Resveratrol**
CAS Number: **501-36-0**

Date Report Requested: **09/23/2018**
Time Report Requested: **10:52:59**

NTP Study Number:	G01090B
Study Duration:	13 Weeks
Study Methodology:	Flow Cytometry
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **G01090B**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Resveratrol**

CAS Number: **501-36-0**

Date Report Requested: **09/23/2018**

Time Report Requested: **10:52:59**

Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000			MN NCE/1000		% PCE	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	2.610 ± 0.185		5	1.429 ± 0.035		1.367 ± 0.046	
156.0	5	2.839 ± 0.142	0.4158	5	1.576 ± 0.029	0.0138 *	1.458 ± 0.087	0.5461
312.0	5	2.570 ± 0.213	0.4889	5	1.584 ± 0.035	0.0161 *	1.417 ± 0.066	0.6516
625.0	5	2.600 ± 0.168	0.5195	5	1.488 ± 0.023	0.0164 *	1.387 ± 0.053	0.6953
1250.0	5	2.780 ± 0.244	0.3558	5	1.546 ± 0.051	0.0156 *	1.487 ± 0.029	0.2015
2500.0	5	2.790 ± 0.185	0.3493	5	1.577 ± 0.036	0.0045 *	1.518 ± 0.066	0.1144
Trend p-Value		0.2589			0.0899		0.0734	

Trial Summary: Negative

Experiment Number: **G01090B**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Resveratrol**

CAS Number: **501-36-0**

Date Report Requested: **09/23/2018**

Time Report Requested: **10:52:59**

Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000			MN NCE/1000		% PCE	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	2.730 ± 0.362		5	1.209 ± 0.061		1.699 ± 0.246	
156.0	5	2.389 ± 0.193	0.8686	5	1.181 ± 0.061	1.0000	2.004 ± 0.208	0.4625
312.0	5	2.630 ± 0.295	0.9271	5	1.132 ± 0.043	1.0000	1.799 ± 0.206	0.5554
625.0	5	2.518 ± 0.102	0.9436	5	1.120 ± 0.046	1.0000	1.762 ± 0.109	0.5935
1250.0	5	1.900 ± 0.208	0.9524	5	1.085 ± 0.015	1.0000	1.905 ± 0.171	0.4670
2500.0	5	1.930 ± 0.146	0.9577	5	1.170 ± 0.020	1.0000	2.059 ± 0.146	0.1747
Trend p-Value		0.9964			0.8129		0.1972	

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: Methanol

** END OF REPORT **