Experiment Number: **A73992**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Propyl gallate**
CAS Number: **121-79-9**

Date Report Requested: **09/21/2018**
Time Report Requested: **03:15:39**

NTP Study Number:	A73992
Study Duration:	48 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Positive

Experiment Number: **A73992**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

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Test Compound: **Propyl gallate**

CAS Number: **121-79-9**

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

Time Report Requested: **03:15:39**

Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; 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	1.10 ± 0.75		42.10 ± 2.25
200.0	5	3.30 ± 0.41	0.0157	44.90 ± 3.11
300.0	5	4.00 ± 0.88	0.0042 *	42.60 ± 4.17
400.0	5	3.60 ± 0.84	0.0090	39.60 ± 2.15
Trend p-Value		0.0080 *		
Positive Control[2]	5	6.30 ± 0.78	< 0.001 *	40.70 ± 3.50

Trial Summary: Positive

Experiment Number: **A73992**
Test Type: **Genetic Toxicology - Micronucleus**
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Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Propyl gallate**
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Date Report Requested: **09/21/2018**
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Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; 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	1.10 ± 0.19		43.70 ± 1.27
200.0	5	1.10 ± 0.29	0.5000	43.90 ± 4.59
300.0	5	1.70 ± 0.60	0.1283	43.70 ± 1.76
400.0	7	3.36 ± 0.36	< 0.001 *	40.21 ± 2.63
Trend p-Value		< 0.001 *		
Positive Control[3]	5	7.80 ± 1.28	< 0.001 *	48.30 ± 3.14

Trial Summary: Positive

Experiment Number: **A73992**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Propyl gallate**
CAS Number: **121-79-9**

Date Report Requested: **09/21/2018**
Time Report Requested: **03:15:39**

Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; Time interval between final treatment and cell sampling: 48 h

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	1.00 ± 0.42		44.90 ± 2.06
300.0	5	1.40 ± 0.19	0.2070	42.40 ± 2.31
400.0	5	2.00 ± 0.57	0.0338	44.70 ± 2.14
Trend p-Value		0.0430		
Positive Control[3]	5	12.80 ± 0.34	< 0.001 *	40.20 ± 2.78

Trial Summary: Positive

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: 50.0 mg/kg Dimethylbenzanthracene
3: 25.0 mg/kg Dimethylbenzanthracene

** END OF REPORT **