Experiment Number: **A03981**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Bilberry fruit extract**
CAS Number: **84082-34-8**

Date Report Requested: **09/19/2018**
Time Report Requested: **23:05:21**

NTP Study Number:	A03981
Study Duration:	24 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **A03981**

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Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; 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	0.30 ± 0.20		54.50 ± 2.26
625.0	5	0.40 ± 0.10	0.3527	47.20 ± 1.88
1250.0	5	0.80 ± 0.20	0.0658	51.90 ± 1.20
2500.0	5	0.90 ± 0.29	0.0416	48.30 ± 1.77
Trend p-Value		0.0270		
Positive Control[2]	5	19.70 ± 1.58	< 0.001 *	48.00 ± 3.02

Trial Summary: Negative

Experiment Number: **A03981**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Bilberry fruit extract**

CAS Number: **84082-34-8**

Date Report Requested: **09/19/2018**

Time Report Requested: **23:05:21**

Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; 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	0.50 ± 0.16		48.20 ± 3.10
500.0	5	1.10 ± 0.19	0.0667	48.20 ± 4.03
1000.0	5	0.80 ± 0.34	0.2026	53.80 ± 4.29
2000.0	5	0.90 ± 0.24	0.1424	50.60 ± 3.63
Trend p-Value		0.2680		
Positive Control[2]	5	23.80 ± 1.45	< 0.001 *	40.70 ± 4.56

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: Corn Oil
2: 20.0 mg/kg Cyclophosphamide

** END OF REPORT **