

**Experiment Number:** C00058-01

**Test Type:** TOX

**Route:** Oral Gavage

**Species/Strain:** Mouse/B6C3F1/N

**C Number:**

C00058-01

**Cage Range:**

All

**Date Range:**

All

**Reasons For Removal:**

All

**Removal Date Range:**

All

**Treatment Groups:**

All

**Study Gender:**

Female

**PA06: Organ Weights Summary**

**Test Compound:** Black Cohosh

**CAS Number:** 84776-26-1

**Date Report Requested:** 01/09/2018

**Time Report Requested:** 12:29:47

**Lab:** NTP

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## PA06: Organ Weights Summary

Test Compound: Black Cohosh

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## F1 Females

## Treatment Groups (mg/kg)

	0			62.5			125			250			500			1000		
	Mean	SE	n	Mean	SE	n	Mean	SE	n	Mean	SE	n	Mean	SE	n	Mean	SE	n
Terminal Body Wt.	22.7	± 0.3	(15)	23.3	± 0.3	(14)	23.5	± 0.3	(15)	23.2	± 0.2	(15)	23.6	± 0.3	(15)	22.7	± 0.4	(15)
Heart																		
Absolute (g)	0.13	± 0.01	(15)	0.14	± 0.00	(14)	0.14	± 0.01	(15)	0.13	± 0.01	(15)	0.15	± 0.00	(15)	0.14	± 0.00	(15)
Relative (mg/g)	5.85	± 0.20	(15)	6.11	± 0.19	(14)	5.92	± 0.23	(15)	5.56	± 0.19	(15)	6.23	± 0.17	(15)	5.98	± 0.14	(15)
R. Kidney																		
Absolute (g)	0.14	± 0.00	(15) **	0.15	± 0.00	(14) *	0.16	± 0.00	(15) **	0.15	± 0.00	(15) **	0.16	± 0.00	(15) **	0.16	± 0.00	(15) **
Relative (mg/g)	6.27	± 0.06	(15) **	6.51	± 0.10	(14)	6.71	± 0.08	(15) **	6.60	± 0.08	(15) **	6.62	± 0.12	(15) **	6.88	± 0.08	(15) **
Liver																		
Absolute (g)	1.08	± 0.02	(15) **	1.15	± 0.03	(14)	1.16	± 0.02	(15)	1.14	± 0.02	(15)	1.24	± 0.02	(15) **	1.26	± 0.03	(15) **
Relative (mg/g)	47.70	± 0.66	(15) **	49.19	± 0.80	(14)	49.38	± 0.55	(15)	49.03	± 0.72	(15)	52.62	± 0.59	(15) **	55.25	± 0.74	(15) **
Lung																		
Absolute (g)	0.24	± 0.01	(15) *	0.24	± 0.01	(14)	0.23	± 0.01	(15)	0.22	± 0.01	(15)	0.23	± 0.01	(15)	0.21	± 0.01	(14)
Relative (mg/g)	10.72	± 0.59	(15) *	10.36	± 0.43	(14)	9.71	± 0.32	(15)	9.46	± 0.30	(15)	9.72	± 0.41	(15)	9.23	± 0.36	(14)
R. Ovary																		
Absolute (g)	0.0471	± 0.0012	(15)	0.0434	± 0.0017	(14)	0.0446	± 0.0020	(15)	0.0457	± 0.0013	(15)	0.0453	± 0.0016	(15)	0.0457	± 0.0012	(15)
Relative (mg/g)	2.08	± 0.05	(15)	1.87	± 0.06	(14) *	1.89	± 0.07	(15)	1.97	± 0.06	(15)	1.92	± 0.05	(15)	2.01	± 0.04	(15)
Pituitary gland																		
Absolute (g)	0.0021	± 0.0001	(15)	0.0024	± 0.0001	(14)	0.0025	± 0.0001	(15)	0.0024	± 0.0001	(15)	0.0023	± 0.0001	(15)	0.0025	± 0.0001	(15)
Relative (mg/g)	0.09	± 0.00	(15)	0.10	± 0.01	(14)	0.11	± 0.01	(15)	0.10	± 0.01	(15)	0.10	± 0.01	(15)	0.11	± 0.01	(15)
Thymus																		
Absolute (g)	0.010	± 0.001	(15)	0.011	± 0.001	(14)	0.011	± 0.000	(15)	0.011	± 0.001	(15)	0.012	± 0.001	(15)	0.011	± 0.000	(15)
Relative (mg/g)	0.46	± 0.03	(15)	0.46	± 0.03	(14)	0.47	± 0.01	(15)	0.45	± 0.03	(15)	0.49	± 0.03	(15)	0.47	± 0.02	(15)
Uterus																		
Absolute (g)	0.161	± 0.007	(15) **	0.170	± 0.010	(14)	0.203	± 0.010	(15) *	0.212	± 0.016	(15) **	0.197	± 0.009	(15) **	0.212	± 0.014	(15) **
Relative (mg/g)	7.10	± 0.32	(15) **	7.35	± 0.48	(14)	8.70	± 0.47	(15) *	9.16	± 0.67	(15) *	8.41	± 0.42	(15) *	9.27	± 0.53	(15) **

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#### LEGEND

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Data are displayed as mean  $\pm$  SEM (N) unless otherwise noted

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests unless otherwise noted.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

\* Statistically significant at  $P \leq 0.05$

\*\* Statistically significant at  $P \leq 0.01$

**\*\* END OF REPORT \*\***