Study Number: C00058B-03
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

R02: Reproductive Performance Summary
Test Compound: Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/04/2020
Time Report Requested: 09:46:44
Lab: NTP

Study Number: C00058B-03

Study Gender: Both

PWG Approval Date: See web page for date of PWG Approval

Version: v1.1.3

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F0 Female

	Treatment Groups (mg/kg)			
	0	**75**	**250**	**750**
No. Females Mated	38	38	38	38
No. Females Pregnant	33	32	34	36
No. Females Littering	31	32	32	35
Percent of Pregnant Females/Mated	86.8	84.2	89.5	94.7
Percent of Littered Females/Mated	81.6	84.2	84.2	92.1
Percent of Littered Females/Pregnant	93.9	100.0	94.1	97.2
Gestational Length	22.3 ± 0.1 (31)	22.2 ± 0.1 (32)	22.2 ± 0.1 (32)	22.3 ± 0.1 (35)

LEGEND

F0 time mated females were vendor provided so endpoints involving number of females paired, and pre-coital interval were not calculated. Pregnancy was defined as evidence of implantation or littering. Vendor's time of confirmation of mating was utilized for calculation of F0 gestational length.

When reported, pre-coital interval in days is calculated for sperm positive females.

Gestation length in days calculated for sperm positive females that delivered a litter.

Animals that died or were removed from study between mating and littering were excluded from the littered/paired, littered/mated, and littered/pregnant endpoints.

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) 2-sided tests for Percent of Mated Females/Paired; Percent of Littered Females/Paired; Percent of Pregnant Females/Mated; Percent of Littered Females/Mated; Percent of Littered Females/Pregnant endpoints if present.

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests for the Pre-coital Interval and Gestational Length endpoints if present.

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 <= 0.05

** Statistically significant at P <= 0.01

** END OF REPORT **