

**Study Number:** MOG006  
**Test Type:** MOG - Range Finding  
**Route:** Oral Gavage - Constant Volume  
**Species/Strain:** Rat/Sprague-Dawley

**R02: Reproductive Performance Summary**

**Test Compound:** Hydroxyurea  
**CAS Number:** 127-07-1

**Date Report Requested:** 02/20/2020  
**Time Report Requested:** 11:59:39  
**Lab:** RTI

**C Number:**

MOG006

**Study Gender:**

Female

**PWG Approval Date**

See web page for date of PWG Approval

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**F0 Female**

**Treatment Groups (mg/kg/day)**

	<b>0</b>	<b>37.5</b>	<b>75</b>	<b>100</b>	<b>150</b>
No. Females Mated	8	8	8	8	8
No. Females Pregnant	8	6	8	7	7
No. Females Littering	8	6	8	7	7
Percent of Pregnant Females/Mated	100.0	75.0	100.0	87.5	87.5
Percent of Littered Females/Mated	100.0	75.0	100.0	87.5	87.5
Percent of Littered Females/Pregnant	100.0	100.0	100.0	100.0	100.0
Gestational Length	22.6 ± 0.2 (8) *	22.2 ± 0.2 (6)	22.1 ± 0.1 (8)	22.0 ± 0.2 (7)	22.1 ± 0.1 (7)

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## LEGEND

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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) 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  $P \leq 0.05$

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

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