

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**R07: Hormone Summary**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 01/09/2020  
**Time Report Requested:** 09:10:07  
**Lab:** RTI

**C Number:** R10997  
**Study Gender:** Both  
**PWG Approval Date** See web page for date of PWG Approval

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**F0 Male**

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<b>Terminal Sacrifice</b>	<b>Treatment Groups (ppm)</b>			
	<b>0</b>	<b>1000</b>	<b>5000</b>	<b>10000</b>
SD 139 - 141 Testosterone (ng/mL)	0.689 ± 0.113 (23)	0.761 ± 0.155 (23)	0.574 ± 0.078 (23)	0.771 ± 0.122 (23)
SD 139 - 141 Estradiol (pg/mL)	3.961 ± 0.334 (23)	3.457 ± 0.251 (23)	3.606 ± 0.383 (23)	3.683 ± 0.293 (23)
SD 139 - 141 Progesterone (ng/mL)	0.288 ± 0.024 (23)	0.329 ± 0.036 (23)	0.365 ± 0.048 (22)	0.338 ± 0.040 (23)

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## LEGEND

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Values are displayed as mean  $\pm$  SEM (N).

SD – Study Day

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

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 \*\***