

**Study Number:** C15003-01

**Test Type:** TOX

**Route:** Oral Gavage

**Species/Strain:** Rat/Sprague Dawley

**C Number:**

**Study Gender:**

**PWG Approval Date**

**R07: Hormone Summary**

**Test Compound:** Hexachlorocyclopentadienyl-dibromocyclooctane

**CAS Number:** 51936-55-1

C15003-01

Male

See web page for date of PWG Approval

**Date Report Requested:** 04/08/2019

**Time Report Requested:** 11:22:21

**Lab:** Battelle

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**Male: Core Males**

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Terminal Sacrifice		Treatment Groups (mg/kg)			
		0	0.05	0.54	5.41
SD 5 - 5	Thyroid Stimulating Hormone (ng/mL)	18.5 ± 3.3 (6) *	15.7 ± 1.3 (5)	19.9 ± 4.6 (6)	21.0 ± 4.4 (6)
SD 5 - 5	Triiodothyronine (ng/dL)	150.833 ± 8.444 (6)	145.400 ± 5.008 (5)	134.583 ± 9.805 (6)	149.917 ± 10.804 (6)
SD 5 - 5	Free Thyroxine (ng/dL)	1.407 ± 0.082 (6)	1.544 ± 0.169 (5)	1.333 ± 0.134 (6)	1.623 ± 0.138 (6)
SD 5 - 5	Total Thyroxine (ug/dL)	5.17 ± 0.27 (6)	5.52 ± 0.50 (6)	4.93 ± 0.31 (6)	5.60 ± 0.33 (6)

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**Terminal Sacrifice**

**Treatment Groups (mg/kg)**

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**54.1**

**541**

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SD 5 - 5	Thyroid Stimulating Hormone (ng/mL)	26.3 ± 4.3 (6)	27.3 ± 3.5 (6)
SD 5 - 5	Triiodothyronine (ng/dL)	143.000 ± 8.531 (6)	131.083 ± 7.237 (6)
SD 5 - 5	Free Thyroxine (ng/dL)	1.268 ± 0.049 (6)	1.322 ± 0.087 (6)
SD 5 - 5	Total Thyroxine (ug/dL)	5.05 ± 0.25 (6)	4.88 ± 0.18 (6)

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#### LEGEND

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

SD – Study Day

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

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

Statistical significance for the control group indicates a significant trend test

\* Statistically significant at  $P \leq 0.05$

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

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