

Study Number: C11297-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

R07: Hormone Summary
Test Compound: 1,3,5,7,9,11-Hexabromocyclododecane
CAS Number: 25637-99-4

Date Report Requested: 04/26/2019
Time Report Requested: 07:40:53
Lab: Battelle

C Number:

C11297-01

Study Gender:

Male

PWG Approval Date

See web page for date of PWG Approval

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Male: Core Males

Terminal Sacrifice	Treatment Groups (mg/kg)			
	0	0.06	0.641	6.41
SD 5 - 5 Thyroid Stimulating Hormone (ng/mL)	20.8 ± 4.0 (5)	21.4 ± 2.7 (6)	18.4 ± 4.4 (6)	20.3 ± 2.9 (6)
SD 5 - 5 Triiodothyronine (ng/dL)	143.300 ± 8.876 (5)	119.933 ± 11.640 (6)	134.717 ± 11.725 (6)	137.983 ± 11.817 (6)
SD 5 - 5 Free Thyroxine (ng/dL)	1.918 ± 0.352 (5)	1.682 ± 0.148 (6)	1.882 ± 0.065 (6)	1.913 ± 0.273 (6)
SD 5 - 5 Total Thyroxine (ug/dL)	5.80 ± 0.73 (5)	5.18 ± 0.26 (6)	5.70 ± 0.30 (6)	5.98 ± 0.63 (6)

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**Terminal
Sacrifice**

Treatment Groups (mg/kg)

64.1

641

SD 5 - 5	Thyroid Stimulating Hormone (ng/mL)	28.5 ± 5.8 (5)	26.3 ± 3.0 (5)
SD 5 - 5	Triiodothyronine (ng/dL)	119.240 ± 15.161 (5)	109.425 ± 11.178 (4)
SD 5 - 5	Free Thyroxine (ng/dL)	1.752 ± 0.123 (5)	1.543 ± 0.207 (6)
SD 5 - 5	Total Thyroxine (ug/dL)	5.67 ± 0.31 (6)	4.40 ± 0.34 (6)

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LEGEND

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 ****