

Study Number: C15002-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

R07: Hormone Summary
Test Compound: 1,2-bis(pentabromophenyl)ethane
CAS Number: 84852-53-9

Date Report Requested: 04/08/2019
Time Report Requested: 11:16:32
Lab: Battelle

C Number: C15002-01
Study Gender: Male
PWG Approval Date: See web page for date of PWG Approval

Study Number: C15002-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

R07: Hormone Summary
Test Compound: 1,2-bis(pentabromophenyl)ethane
CAS Number: 84852-53-9

Date Report Requested: 04/08/2019
Time Report Requested: 11:16:32
Lab: Battelle

Male: Core Males

Terminal Sacrifice		Treatment Groups (mg/kg)			
		0	0.1	0.97	9.71
SD 5 - 5	Thyroid Stimulating Hormone (ng/mL)	20.2 ± 3.8 (6)	16.6 ± 2.0 (6)	17.0 ± 1.5 (6)	20.1 ± 3.2 (5)
SD 5 - 5	Triiodothyronine (ng/dL)	156.583 ± 4.997 (6)	155.333 ± 6.712 (6)	150.917 ± 8.371 (6)	147.583 ± 11.339 (6)
SD 5 - 5	Free Thyroxine (ng/dL)	1.667 ± 0.150 (6)	1.802 ± 0.211 (6)	1.685 ± 0.112 (6)	1.898 ± 0.170 (6)
SD 5 - 5	Total Thyroxine (ug/dL)	6.43 ± 0.37 (6)	6.62 ± 0.66 (6)	6.43 ± 0.38 (6)	6.67 ± 0.29 (6)

Study Number: C15002-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

R07: Hormone Summary
Test Compound: 1,2-bis(pentabromophenyl)ethane
CAS Number: 84852-53-9

Date Report Requested: 04/08/2019
Time Report Requested: 11:16:32
Lab: Battelle

Male: Core Males

**Terminal
Sacrifice**

Treatment Groups (mg/kg)

97.1

970

SD 5 - 5	Thyroid Stimulating Hormone (ng/mL)	25.3 ± 3.4 (6)	21.3 ± 5.3 (5)
SD 5 - 5	Triiodothyronine (ng/dL)	165.333 ± 5.510 (6)	156.000 ± 6.907 (5)
SD 5 - 5	Free Thyroxine (ng/dL)	1.758 ± 0.146 (6)	1.764 ± 0.143 (5)
SD 5 - 5	Total Thyroxine (ug/dL)	6.48 ± 0.24 (6)	6.58 ± 0.28 (6)

Study Number: C15002-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

R07: Hormone Summary
Test Compound: 1,2-bis(pentabromophenyl)ethane
CAS Number: 84852-53-9

Date Report Requested: 04/08/2019
Time Report Requested: 11:16:32
Lab: Battelle

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 ****