

**Study Number:** C10978

**Test Type:** TOX

**Route:** Oral Gavage

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

**Study Number:**

**Study Gender:**

**PWG Approval Date:**

**Version:**

**Stat Version:**

**R07: Hormone Summary**

**Test Compound:** tert-Butylphenyl Diphenyl Phospate

**CAS Number:** 56803-37-3

C10978

Male

See web page for date of PWG Approval

v1.3.0

v2.6.3A

**Date Report Requested:** 08/24/2021

**Time Report Requested:** 10:54:33

**Lab:** NTP

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Male: Original Animals

| Terminal Sacrifice               | Treatment Groups (mMol/kg) |                    |                   |                    |
|----------------------------------|----------------------------|--------------------|-------------------|--------------------|
|                                  | 0                          | 0.169              | 0.338             | 0.675              |
| SD 4 - 4 Total Thyroxine (ug/dL) | 3.97 ± 0.23 (4) **         | 4.16 ± 0.54 (3)    | 4.69 ± 0.22 (5)   | 4.11 ± 0.28 (5)    |
| SD 4 - 4 Cholinesterase (IU/L)   | 291.3 ± 9.4 (4) **         | 209.0 ± 13.9 (3) * | 236.0 ± 6.7 (5) * | 183.4 ± 8.8 (5) ** |

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**Terminal  
Sacrifice**

**Treatment Groups (mMol/kg)**

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**1.35**

**2.7**

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SD 4 - 4 Total Thyroxine (ug/dL)

3.31 ± 0.23 (5)

2.77 ± 0.25 (4)

SD 4 - 4 Cholinesterase (IU/L)

152.4 ± 20.0 (5) \*\*

129.0 ± 14.8 (4) \*\*

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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 was 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 \*\***