

Experiment Number: C11042

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

C11042

Cage Range:

All

Date Range:

All

Reasons For Removal:

All

Removal Date Range:

All

Treatment Groups:

All

Study Gender:

Male

R07: Hormone Summary

Test Compound: Triphenyl Phosphate

CAS Number: 115-86-6

Date Report Requested: 03/28/2017

Time Report Requested: 11:00:57

Lab: NTP

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Male

Terminal Sacrifice

Treatment Groups (mMol/kg)

0

0.169

0.338

0.675

1.35

SD 4 - 4	Total Thyroxine (ng/dL)	5.122 ± 0.227 (5) **	5.114 ± 0.196 (5)	4.678 ± 0.304 (5)	4.274 ± 0.263 (5) *	4.066 ± 0.331 (5) *
SD 4 - 4	Cholinesterase (IU/L)	277.4 ± 16.6 (5) **	178.4 ± 8.0 (5) **	162.6 ± 7.6 (5) **	116.6 ± 5.8 (5) **	108.8 ± 8.3 (5) **

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Terminal
Sacrifice

Treatment Groups
(mMol/kg)

2.7

SD 4 - 4	Total Thyroxine (ng/dL)	1.870 ± 0.429 (5) **
SD 4 - 4	Cholinesterase (IU/L)	82.8 ± 2.1 (5) **

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LEGEND

Data are displayed as mean \pm SEM (N)

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

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 $P \leq 0.01$

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

**** END OF REPORT ****