

**Study Number:** MOG10866  
**Test Type:** MOG - Range Finding  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Harlan Sprague Dawley

**PA06R: Organ Weights Summary**  
**Test Compound:** Isopropylated Phenyl Phosphate  
**CAS Number:** 68937-41-7

**Date Report Requested:** 02/19/2021  
**Time Report Requested:** 13:47:44  
**Lab:** Battelle

**Study Number:** MOG10866  
**Study Gender:** Both  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.1.7

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F0 Females

Treatment Groups (ppm)

	0	1000	3000	10000
Terminal Body Wt. (g)	266.6 ± 3.6 (12) *	267.2 ± 4.0 (17)	265.7 ± 5.1 (12)	250.2 ± 4.5 (11) *
Brain				
Absolute (g)	1.77 ± 0.02 (10)	1.75 ± 0.02 (10)	1.77 ± 0.02 (10)	1.78 ± 0.03 (10)
Relative (mg/g)	6.63 ± 0.11 (10) *	6.70 ± 0.14 (10)	6.59 ± 0.13 (10)	7.11 ± 0.12 (10) *
Thymus				
Absolute (g)	0.230 ± 0.016 (6)	0.244 ± 0.030 (6)	0.241 ± 0.012 (6)	0.219 ± 0.027 (6)
Relative (mg/g)	0.85 ± 0.06 (6)	0.94 ± 0.11 (6)	0.90 ± 0.04 (6)	0.86 ± 0.10 (6)
Liver				
Absolute (g)	12.72 ± 0.41 (10) *	12.64 ± 0.52 (10)	15.09 ± 0.90 (10)	15.38 ± 1.14 (10)
Relative (mg/g)	47.65 ± 1.26 (10) **	48.10 ± 1.53 (10)	55.78 ± 2.61 (10) *	61.34 ± 4.35 (10) **

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F1 Males

Treatment Groups (ppm)

	0	1000	3000	10000
Terminal Body Wt. (g)	78.2 ± 3.1 (31 [11]) **	78.3 ± 3.5 (29 [10])	71.5 ± 3.8 (16 [7])	37.6 ± 7.4 (10 [4]) **
Brain				
Absolute (g)	1.52 ± 0.03 (23 [10]) **	1.47 ± 0.02 (20 [10])	1.47 ± 0.04 (16 [7])	1.23 ± 0.09 (10 [4]) **
Relative (mg/g)	19.48 ± 0.65 (23 [10]) **	19.17 ± 0.70 (20 [10])	20.79 ± 0.73 (16 [7])	36.75 ± 6.63 (10 [4]) **
Thymus				
Absolute (g)	0.340 ± 0.020 (8)	0.379 ± 0.024 (9)		
Relative (mg/g)	4.52 ± 0.16 (8)	4.75 ± 0.20 (9)		

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**F1 Females**

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**Treatment Groups (ppm)**

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	<b>0</b>	<b>1000</b>	<b>3000</b>	<b>10000</b>
Terminal Body Wt. (g)	72.6 ± 2.2 (33 [10]) **	72.3 ± 2.9 (28 [10])	65.2 ± 2.7 (15 [8])	37.8 ± 3.8 (11 [3]) **
Brain				
Absolute (g)	1.46 ± 0.02 (23 [10]) **	1.43 ± 0.02 (20 [10])	1.39 ± 0.03 (15 [8])	1.21 ± 0.04 (11 [3]) **
Relative (mg/g)	20.24 ± 0.51 (23 [10]) **	19.91 ± 0.57 (20 [10])	21.58 ± 0.59 (15 [8])	32.70 ± 2.70 (11 [3]) **
Thymus				
Absolute (g)	0.329 ± 0.020 (10)	0.331 ± 0.022 (8)		
Relative (mg/g)	4.56 ± 0.22 (10)	4.65 ± 0.22 (8)		

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## LEGEND

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Data are displayed as mean  $\pm$  SEM for the F0 animals and F1 thymus weight. Data are displayed as the mean of the litter mean  $\pm$  SEM for the F1 brain weight and terminal body weight and N is the number of animals (number of litters).

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis for F0 animals and F1 thymus weight performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

Statistical analysis for F1 brain weight and terminal body weight performed using mixed effects models with litter as the random effect for both linear trend and pairwise tests, and using Dunnett-Hsu adjustment for multiple comparisons.

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  $P \leq 0.01$

The 30,000 ppm group was terminated on GD12, and the 15,000 ppm group was terminated by LD3/PND3 due to excessive toxicity.

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