

**Study Number:** C13063-01

**Test Type:** TOX

**Route:** Oral Gavage

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

**C Number:**

**Study Gender:**

**PWG Approval Date**

**PA06: Organ Weights Summary**

**Test Compound:** 2-ethylhexyl-2,3,4,5-tetrabromobenzoate

**CAS Number:** 183658-27-7

C13063-01

Male

See web page for date of PWG Approval

**Date Report Requested:** 02/07/2019

**Time Report Requested:** 09:26:29

**Lab:** Battelle

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## Males: Core Males

	Treatment Groups (mg/kg)														
	0			0.05			0.55			5.5			55		
Terminal Body Wt.	242.7	± 9.6	(5)	248.8	± 5.5	(6)	247.4	± 5.4	(6)	248.1	± 5.7	(6)	244.3	± 3.9	(6)
R. Epididymis															
Absolute (g)	0.2616 ± 0.0168 (5)			0.2548 ± 0.0124 (6)			0.2592 ± 0.0161 (6)			0.3005 ± 0.0194 (6)			0.2687 ± 0.0095 (6)		
Relative (mg/g)	1.08 ± 0.07 (5)			1.03 ± 0.05 (6)			1.05 ± 0.06 (6)			1.21 ± 0.07 (6)			1.10 ± 0.03 (6)		
L. Epididymis															
Absolute (g)	0.2581 ± 0.0155 (5)			0.2557 ± 0.0125 (6)			0.2571 ± 0.0152 (6)			0.2821 ± 0.0081 (6)			0.2658 ± 0.0079 (6)		
Relative (mg/g)	1.07 ± 0.06 (5)			1.03 ± 0.05 (6)			1.04 ± 0.05 (6)			1.14 ± 0.05 (6)			1.09 ± 0.03 (6)		
Heart															
Absolute (g)	1.06 ± 0.07 (5) *			1.02 ± 0.04 (6)			0.98 ± 0.02 (6)			1.00 ± 0.04 (6)			0.95 ± 0.03 (6)		
Relative (mg/g)	4.36 ± 0.13 (5) **			4.07 ± 0.12 (6)			3.95 ± 0.10 (6) *			4.04 ± 0.11 (6) *			3.87 ± 0.08 (6) **		
R. Kidney															
Absolute (g)	0.92 ± 0.07 (5)			0.90 ± 0.03 (6)			0.86 ± 0.02 (6)			0.89 ± 0.04 (6)			0.86 ± 0.02 (6)		
Relative (mg/g)	3.78 ± 0.14 (5) *			3.61 ± 0.08 (6)			3.46 ± 0.04 (6)			3.56 ± 0.12 (6)			3.50 ± 0.07 (6)		
L. Kidney															
Absolute (g)	0.90 ± 0.06 (5)			0.89 ± 0.02 (6)			0.86 ± 0.03 (6)			0.88 ± 0.04 (6)			0.86 ± 0.03 (6)		
Relative (mg/g)	3.70 ± 0.13 (5)			3.58 ± 0.07 (6)			3.46 ± 0.09 (6)			3.52 ± 0.11 (6)			3.51 ± 0.08 (6)		
Liver															
Absolute (g)	10.85 ± 0.63 (5)			10.93 ± 0.44 (6)			10.90 ± 0.27 (6)			10.69 ± 0.39 (6)			10.77 ± 0.34 (6)		
Relative (mg/g)	44.61 ± 1.19 (5)			43.86 ± 0.91 (6)			44.08 ± 0.88 (6)			43.04 ± 0.68 (6)			44.08 ± 1.13 (6)		
Lung															
Absolute (g)	2.36 ± 0.43 (5)			2.42 ± 0.20 (6)			2.60 ± 0.29 (6)			2.93 ± 0.37 (6)			2.12 ± 0.21 (6)		
Relative (mg/g)	9.59 ± 1.56 (5)			9.70 ± 0.78 (6)			10.50 ± 1.14 (6)			11.75 ± 1.29 (6)			8.63 ± 0.74 (6)		
R. Testis															
Absolute (g)	1.546 ± 0.051 (5)			1.536 ± 0.029 (6)			1.491 ± 0.041 (6)			1.532 ± 0.012 (6)			1.583 ± 0.019 (6)		
Relative (mg/g)	6.40 ± 0.25 (5)			6.18 ± 0.13 (6)			6.03 ± 0.14 (6)			6.19 ± 0.16 (6)			6.48 ± 0.07 (6)		
L. Testis															
Absolute (g)	1.548 ± 0.056 (5)			1.535 ± 0.031 (6)			1.486 ± 0.040 (6)			1.560 ± 0.021 (6)			1.584 ± 0.031 (6)		
Relative (mg/g)	6.40 ± 0.23 (5)			6.18 ± 0.13 (6)			6.01 ± 0.13 (6)			6.31 ± 0.19 (6)			6.48 ± 0.08 (6)		

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**Males: Core Males**

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**Treatment Groups (mg/kg)**

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	<b>0</b>	<b>0.05</b>	<b>0.55</b>	<b>5.5</b>	<b>55</b>
Thymus					
Absolute (g)	0.586 ± 0.071 (5)	0.596 ± 0.032 (6)	0.595 ± 0.041 (6)	0.615 ± 0.037 (6)	0.576 ± 0.027 (6)
Relative (mg/g)	2.40 ± 0.24 (5)	2.40 ± 0.14 (6)	2.41 ± 0.16 (6)	2.47 ± 0.12 (6)	2.36 ± 0.10 (6)

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	<b>Treatment Groups</b>		
	<b>550</b>		
Terminal Body Wt.	248.3	± 4.1	(6)
R. Epididymis			
Absolute (g)	0.2548	± 0.0091	(6)
Relative (mg/g)	1.03	± 0.04	(6)
L. Epididymis			
Absolute (g)	0.2484	± 0.0114	(6)
Relative (mg/g)	1.00	± 0.05	(6)
Heart			
Absolute (g)	0.94	± 0.03	(6)
Relative (mg/g)	3.78	± 0.10	(6) **
R. Kidney			
Absolute (g)	0.84	± 0.03	(6)
Relative (mg/g)	3.36	± 0.07	(6) *
L. Kidney			
Absolute (g)	0.85	± 0.03	(6)
Relative (mg/g)	3.43	± 0.09	(6)
Liver			
Absolute (g)	12.03	± 0.45	(6)
Relative (mg/g)	48.38	± 1.25	(6)
Lung			
Absolute (g)	2.17	± 0.16	(6)
Relative (mg/g)	8.71	± 0.57	(6)
R. Testis			
Absolute (g)	1.539	± 0.031	(6)
Relative (mg/g)	6.20	± 0.07	(6)
L. Testis			
Absolute (g)	1.499	± 0.024	(6)
Relative (mg/g)	6.04	± 0.10	(6)

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**Males: Core Males**

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**Treatment Groups**

**550**

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Thymus

Absolute (g)	0.523 ± 0.024	(6)
Relative (mg/g)	2.10 ± 0.08	(6)

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#### LEGEND

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Data are displayed as mean  $\pm$  SEM (N) unless otherwise noted.

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

Statistical analysis performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests (unless otherwise noted).

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 \*\***