

**Study Number:** C10333-01

**Test Type:** TOX

**Route:** Oral Gavage

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

**C Number:**

**Study Gender:**

**PWG Approval Date**

**PA06: Organ Weights Summary**

**Test Compound:** Bis(2-ethylhexyl) tetrabromophthalate

**CAS Number:** 26040-51-7

C10333-01

Male

See web page for date of PWG Approval

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

**Time Report Requested:** 07:32:31

**Lab:** Battelle

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## Males: Core Males

	Treatment Groups (mg/kg)														
	0			0.07			0.71			7.06			70.6		
Terminal Body Wt.	235.9	± 5.5	(6)	239.8	± 4.2	(6)	238.6	± 3.5	(6)	245.9	± 2.5	(6)	240.4	± 3.6	(6)
R. Epididymis															
Absolute (g)	0.2740	± 0.0068	(6)	0.2709	± 0.0077	(6)	0.2582	± 0.0086	(6)	0.2793	± 0.0083	(6)	0.2639	± 0.0123	(6)
Relative (mg/g)	1.16	± 0.04	(6)	1.13	± 0.02	(6)	1.08	± 0.03	(6)	1.14	± 0.04	(6)	1.10	± 0.07	(6)
L. Epididymis															
Absolute (g)	0.2650	± 0.0069	(6)	0.2522	± 0.0057	(6)	0.2556	± 0.0101	(6)	0.2749	± 0.0133	(6)	0.2609	± 0.0163	(6)
Relative (mg/g)	1.12	± 0.03	(6) *	1.05	± 0.02	(6)	1.07	± 0.03	(6)	1.12	± 0.06	(6)	1.09	± 0.08	(6)
Heart															
Absolute (g)	0.96	± 0.04	(6)	0.98	± 0.02	(6)	0.96	± 0.03	(6)	1.01	± 0.04	(6)	1.04	± 0.04	(6)
Relative (mg/g)	4.05	± 0.13	(6)	4.09	± 0.10	(6)	4.03	± 0.12	(6)	4.10	± 0.17	(6)	4.30	± 0.15	(6)
R. Kidney															
Absolute (g)	0.85	± 0.04	(6)	0.85	± 0.02	(6)	0.85	± 0.02	(6)	0.89	± 0.02	(6)	0.85	± 0.02	(6)
Relative (mg/g)	3.61	± 0.08	(6)	3.56	± 0.12	(6)	3.56	± 0.11	(6)	3.60	± 0.07	(6)	3.54	± 0.10	(6)
L. Kidney															
Absolute (g)	0.83	± 0.04	(6)	0.86	± 0.02	(6)	0.83	± 0.02	(6)	0.89	± 0.02	(6)	0.83	± 0.02	(6)
Relative (mg/g)	3.52	± 0.11	(6)	3.58	± 0.13	(6)	3.49	± 0.08	(6)	3.63	± 0.06	(6)	3.45	± 0.07	(6)
Liver															
Absolute (g)	10.67	± 0.29	(6)	10.89	± 0.08	(6)	10.89	± 0.26	(6)	11.03	± 0.13	(6)	10.87	± 0.35	(6)
Relative (mg/g)	45.20	± 0.38	(6)	45.50	± 0.84	(6)	45.62	± 0.55	(6)	44.86	± 0.44	(6)	45.17	± 0.97	(6)
Lung															
Absolute (g)	2.93	± 0.24	(6)	2.51	± 0.10	(6)	2.69	± 0.23	(6)	2.98	± 0.23	(6)	2.67	± 0.28	(6)
Relative (mg/g)	12.44	± 0.97	(6)	10.52	± 0.55	(6)	11.30	± 1.00	(6)	12.13	± 0.92	(6)	11.13	± 1.21	(6)
R. Testis															
Absolute (g)	1.564	± 0.036	(6)	1.581	± 0.039	(6)	1.517	± 0.030	(6)	1.602	± 0.029	(6)	1.553	± 0.036	(6)
Relative (mg/g)	6.64	± 0.21	(6)	6.61	± 0.23	(6)	6.36	± 0.14	(6)	6.52	± 0.15	(6)	6.46	± 0.10	(6)
L. Testis															
Absolute (g)	1.558	± 0.036	(6)	1.513	± 0.031	(6)	1.510	± 0.029	(6)	1.600	± 0.027	(6)	1.564	± 0.030	(6)
Relative (mg/g)	6.62	± 0.22	(6)	6.32	± 0.20	(6)	6.33	± 0.12	(6)	6.52	± 0.16	(6)	6.51	± 0.10	(6)

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**Males: Core Males**

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**Treatment Groups (mg/kg)**

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	<b>0</b>	<b>0.07</b>	<b>0.71</b>	<b>7.06</b>	<b>70.6</b>
Thymus					
Absolute (g)	0.557 ± 0.035 (6)	0.554 ± 0.034 (6)	0.589 ± 0.032 (6)	0.574 ± 0.048 (6)	0.603 ± 0.033 (6)
Relative (mg/g)	2.36 ± 0.12 (6)	2.31 ± 0.12 (6)	2.47 ± 0.16 (6)	2.33 ± 0.20 (6)	2.51 ± 0.14 (6)

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	<b>Treatment Groups</b>		
	<b>706</b>		
Terminal Body Wt.	244.2	± 5.3	(6)
R. Epididymis			
Absolute (g)	0.2562	± 0.0150	(6)
Relative (mg/g)	1.06	± 0.08	(6)
L. Epididymis			
Absolute (g)	0.2438	± 0.0065	(6)
Relative (mg/g)	1.00	± 0.03	(6)
Heart			
Absolute (g)	0.97	± 0.03	(6)
Relative (mg/g)	3.96	± 0.07	(6)
R. Kidney			
Absolute (g)	0.85	± 0.02	(6)
Relative (mg/g)	3.49	± 0.07	(6)
L. Kidney			
Absolute (g)	0.85	± 0.02	(6)
Relative (mg/g)	3.49	± 0.07	(6)
Liver			
Absolute (g)	10.83	± 0.31	(6)
Relative (mg/g)	44.34	± 0.60	(6)
Lung			
Absolute (g)	2.80	± 0.14	(6)
Relative (mg/g)	11.49	± 0.69	(6)
R. Testis			
Absolute (g)	1.499	± 0.039	(6)
Relative (mg/g)	6.16	± 0.22	(6)
L. Testis			
Absolute (g)	1.498	± 0.039	(6)
Relative (mg/g)	6.15	± 0.20	(6)

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**Males: Core Males**

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**Treatment Groups**

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**706**

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Thymus

Absolute (g)	0.584 ± 0.034	(6)
Relative (mg/g)	2.39 ± 0.13	(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 \*\***