

Study Number: C10672-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

PA06: Organ Weights Summary
Test Compound: Decabromodiphenyl Ether
CAS Number: 1163-19-5

Date Report Requested: 03/11/2019
Time Report Requested: 10:28:28
Lab: Battelle

C Number: C10672-01
Study Gender: Male
PWG Approval Date: See web page for date of PWG Approval

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	Treatment Groups (mg/kg)														
	0			0.1			0.959			9.59			95.9		
Terminal Body Wt.	250.7	± 2.4	(6)	251.8	± 3.7	(6)	256.0	± 3.7	(6)	250.1	± 6.0	(6)	246.9	± 4.6	(6)
R. Epididymis															
Absolute (g)	0.2628 ± 0.0092 (6)			0.2798 ± 0.0074 (6)			0.2817 ± 0.0136 (6)			0.2582 ± 0.0069 (6)			0.2685 ± 0.0032 (6)		
Relative (mg/g)	1.05 ± 0.03 (6)			1.11 ± 0.04 (6)			1.10 ± 0.06 (6)			1.03 ± 0.02 (6)			1.09 ± 0.03 (6)		
L. Epididymis															
Absolute (g)	0.2588 ± 0.0046 (5)			0.2832 ± 0.0066 (6)			0.2617 ± 0.0070 (6)			0.2602 ± 0.0077 (6)			0.2732 ± 0.0046 (6)		
Relative (mg/g)	1.04 ± 0.02 (5)			1.13 ± 0.02 (6)			1.02 ± 0.04 (6)			1.04 ± 0.03 (6)			1.11 ± 0.02 (6)		
Heart															
Absolute (g)	1.03 ± 0.03 (6)			0.99 ± 0.03 (6)			1.00 ± 0.01 (6)			0.95 ± 0.02 (6)			1.00 ± 0.03 (6)		
Relative (mg/g)	4.12 ± 0.13 (6)			3.94 ± 0.10 (6)			3.91 ± 0.04 (6)			3.81 ± 0.10 (6)			4.05 ± 0.07 (6)		
R. Kidney															
Absolute (g)	0.91 ± 0.01 (6)			0.87 ± 0.01 (6)			0.89 ± 0.02 (6)			0.87 ± 0.04 (6)			0.87 ± 0.02 (6)		
Relative (mg/g)	3.62 ± 0.08 (6)			3.45 ± 0.09 (6)			3.47 ± 0.09 (6)			3.48 ± 0.10 (6)			3.52 ± 0.10 (6)		
L. Kidney															
Absolute (g)	0.89 ± 0.01 (6)			0.86 ± 0.01 (6)			0.86 ± 0.02 (6)			0.85 ± 0.03 (6)			0.88 ± 0.02 (6)		
Relative (mg/g)	3.55 ± 0.09 (6)			3.41 ± 0.08 (6)			3.38 ± 0.09 (6)			3.38 ± 0.07 (6)			3.56 ± 0.10 (6)		
Liver															
Absolute (g)	11.36 ± 0.35 (6)			11.36 ± 0.19 (6)			11.93 ± 0.33 (6)			12.02 ± 0.50 (6)			11.85 ± 0.37 (6)		
Relative (mg/g)	45.27 ± 1.10 (6) *			45.13 ± 0.75 (6)			46.62 ± 1.27 (6)			47.96 ± 1.08 (6)			47.96 ± 0.84 (6)		
Lung															
Absolute (g)	3.04 ± 0.23 (6)			2.52 ± 0.20 (6)			3.07 ± 0.16 (6)			2.71 ± 0.22 (6)			2.77 ± 0.30 (6)		
Relative (mg/g)	12.11 ± 0.91 (6)			9.99 ± 0.77 (6)			11.98 ± 0.60 (6)			10.90 ± 1.02 (6)			11.18 ± 1.13 (6)		
R. Testis															
Absolute (g)	1.504 ± 0.027 (5)			1.599 ± 0.042 (6)			1.588 ± 0.025 (6)			1.553 ± 0.027 (6)			1.552 ± 0.044 (6)		
Relative (mg/g)	6.03 ± 0.13 (5)			6.36 ± 0.21 (6)			6.21 ± 0.14 (6)			6.22 ± 0.13 (6)			6.30 ± 0.20 (6)		
L. Testis															
Absolute (g)	1.501 ± 0.038 (5)			1.587 ± 0.028 (6)			1.617 ± 0.023 (6)			1.529 ± 0.030 (6)			1.604 ± 0.036 (6)		
Relative (mg/g)	6.01 ± 0.17 (5)			6.31 ± 0.17 (6)			6.32 ± 0.07 (6)			6.12 ± 0.13 (6)			6.50 ± 0.16 (6)		

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Treatment Groups (mg/kg)

	0	0.1	0.959	9.59	95.9
Thymus					
Absolute (g)	0.636 ± 0.020 (6)	0.554 ± 0.019 (6)	0.556 ± 0.019 (6)	0.582 ± 0.044 (6)	0.589 ± 0.061 (6)
Relative (mg/g)	2.54 ± 0.10 (6)	2.20 ± 0.08 (6)	2.18 ± 0.09 (6)	2.32 ± 0.16 (6)	2.38 ± 0.24 (6)

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	Treatment Groups		
	959		
Terminal Body Wt.	254.1	± 6.1	(6)
R. Epididymis			
Absolute (g)	0.2820	± 0.0219	(6)
Relative (mg/g)	1.10	± 0.07	(6)
L. Epididymis			
Absolute (g)	0.2654	± 0.0132	(6)
Relative (mg/g)	1.04	± 0.03	(6)
Heart			
Absolute (g)	0.99	± 0.03	(6)
Relative (mg/g)	3.88	± 0.09	(6)
R. Kidney			
Absolute (g)	0.88	± 0.01	(6)
Relative (mg/g)	3.46	± 0.06	(6)
L. Kidney			
Absolute (g)	0.88	± 0.02	(6)
Relative (mg/g)	3.45	± 0.03	(6)
Liver			
Absolute (g)	12.08	± 0.37	(6)
Relative (mg/g)	47.52	± 0.45	(6)
Lung			
Absolute (g)	3.21	± 0.15	(6)
Relative (mg/g)	12.68	± 0.66	(6)
R. Testis			
Absolute (g)	1.568	± 0.044	(6)
Relative (mg/g)	6.18	± 0.15	(6)
L. Testis			
Absolute (g)	1.578	± 0.035	(6)
Relative (mg/g)	6.22	± 0.16	(6)

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Treatment Groups

959

Thymus

Absolute (g)	0.537 ± 0.016	(6)
Relative (mg/g)	2.12 ± 0.06	(6)

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LEGEND

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 $P \leq 0.01$

One value for L. Epididymis weight in the 0 mg/kg group, one value for R Testis weight in the 0 mg/kg group, and one value for L. Testis weight in the 0 mg/kg group were excluded because they were outliers.

**** END OF REPORT ****