

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA06R: Organ Weights Summary**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 09/03/2020  
**Time Report Requested:** 12:33:17  
**Lab:** RTI

**Study Number:** R10997  
**Study Gender:** Both  
**PWG Approval Date** See web page for date of PWG Approval

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**F0 Males**

**Treatment Groups (ppm)**

	<b>0</b>			<b>1000</b>			<b>5000</b>			<b>10000</b>		
Terminal Body Wt. (g)	437.5	± 4.9	(23)	434.4	± 5.8	(23)	432.3	± 4.1	(23)	427.7	± 6.3	(23)
Thyroid gland												
Absolute (g)	0.0244	± 0.0010	(23)	0.0235	± 0.0009	(23)	0.0267	± 0.0016	(23)	0.0248	± 0.0009	(23)
Relative (mg/g)	0.06	± 0.00	(23)	0.05	± 0.00	(23)	0.06	± 0.00	(23)	0.06	± 0.00	(23)
Thymus												
Absolute (g)	0.250	± 0.009	(23) **	0.289	± 0.013	(23) *	0.283	± 0.010	(23) *	0.321	± 0.012	(23) **
Relative (mg/g)	0.57	± 0.02	(23) **	0.66	± 0.03	(23) **	0.65	± 0.02	(23) **	0.75	± 0.02	(23) **
Liver												
Absolute (g)	16.09	± 0.30	(23) **	16.30	± 0.23	(23)	17.20	± 0.37	(23) *	17.87	± 0.32	(23) **
Relative (mg/g)	36.78	± 0.58	(23) **	37.58	± 0.45	(23)	39.76	± 0.66	(23) **	41.77	± 0.43	(23) **
Kidneys												
Absolute (g)	3.27	± 0.05	(23)	3.22	± 0.05	(23)	3.17	± 0.05	(23)	3.36	± 0.06	(23)
Relative (mg/g)	7.49	± 0.12	(23)	7.44	± 0.13	(23)	7.34	± 0.12	(23)	7.87	± 0.13	(23)
Adrenal glands												
Absolute (g)	0.0565	± 0.0013	(23) **	0.0514	± 0.0012	(23) *	0.0545	± 0.0011	(23) *	0.0501	± 0.0012	(23) **
Relative (mg/g)	0.13	± 0.00	(23) *	0.12	± 0.00	(23) *	0.13	± 0.00	(23)	0.12	± 0.00	(23) *
R. Testis												
Absolute (g)	1.984	± 0.026	(23)	1.938	± 0.037	(23)	1.901	± 0.033	(23)	2.001	± 0.038	(23)
Relative (mg/g)	4.54	± 0.07	(23)	4.48	± 0.10	(23)	4.40	± 0.07	(23)	4.69	± 0.10	(23)
L. Testis												
Absolute (g)	1.963	± 0.029	(23)	1.899	± 0.041	(23)	1.896	± 0.033	(23)	1.903	± 0.082	(23)
Relative (mg/g)	4.50	± 0.08	(23)	4.39	± 0.10	(23)	4.39	± 0.07	(23)	4.46	± 0.20	(23)
R. Epididymis												
Absolute (g)	0.634	± 0.009	(23)	0.605	± 0.009	(23)	0.603	± 0.008	(23) *	0.618	± 0.009	(23)
Relative (mg/g)	1.45	± 0.02	(23)	1.40	± 0.02	(23)	1.40	± 0.02	(23)	1.45	± 0.03	(23)
L. Epididymis												
Absolute (g)	0.645	± 0.008	(23)	0.623	± 0.011	(23)	0.617	± 0.010	(23)	0.607	± 0.022	(23)
Relative (mg/g)	1.48	± 0.02	(23)	1.44	± 0.03	(23)	1.43	± 0.02	(23)	1.42	± 0.05	(23)

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**F0 Males**

**Treatment Groups (ppm)**

	<b>0</b>	<b>1000</b>	<b>5000</b>	<b>10000</b>
Seminal vesicles with coagulating gland				
Absolute (g)	1.817 ± 0.054 (23)	1.917 ± 0.046 (23)	1.750 ± 0.048 (23)	1.781 ± 0.049 (23)
Relative (mg/g)	4.15 ± 0.11 (23)	4.42 ± 0.11 (23)	4.05 ± 0.11 (23)	4.18 ± 0.13 (23)
Dorso-lateral prostate gland				
Absolute (g)	0.511 ± 0.018 (23)	0.609 ± 0.019 (23) **	0.463 ± 0.017 (23)	0.570 ± 0.017 (23)
Relative (mg/g)	1.17 ± 0.04 (23)	1.40 ± 0.04 (23) **	1.07 ± 0.04 (23)	1.34 ± 0.05 (23) *
Ventral prostate gland				
Absolute (g)	0.878 ± 0.034 (23) *	0.927 ± 0.023 (23)	0.772 ± 0.023 (23) *	0.833 ± 0.028 (23)
Relative (mg/g)	2.01 ± 0.08 (23) *	2.13 ± 0.04 (23)	1.79 ± 0.06 (23) *	1.96 ± 0.07 (23)

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**F0 Females**

**Treatment Groups (ppm)**

	<b>0</b>			<b>1000</b>			<b>5000</b>			<b>10000</b>		
Terminal Body Wt. (g)	286.1	± 4.4	(21) *	287.6	± 4.4	(21)	282.3	± 2.3	(20)	278.0	± 2.7	(22)
Thyroid gland												
Absolute (g)	0.0197	± 0.0011	(21) *	0.0185	± 0.0009	(21)	0.0209	± 0.0017	(19)	0.0221	± 0.0012	(22)
Relative (mg/g)	0.07	± 0.00	(21) *	0.06	± 0.00	(21)	0.07	± 0.01	(19)	0.08	± 0.00	(22)
Thymus												
Absolute (g)	0.226	± 0.009	(21)	0.216	± 0.011	(21)	0.221	± 0.010	(20)	0.213	± 0.006	(22)
Relative (mg/g)	0.80	± 0.03	(21)	0.75	± 0.04	(21)	0.78	± 0.04	(20)	0.76	± 0.02	(22)
Liver												
Absolute (g)	9.99	± 0.27	(21) **	9.77	± 0.23	(21)	10.49	± 0.14	(20)	11.08	± 0.21	(22) **
Relative (mg/g)	34.87	± 0.59	(21) **	33.94	± 0.53	(21)	37.19	± 0.53	(20) **	39.85	± 0.57	(22) **
Kidneys												
Absolute (g)	2.10	± 0.04	(21)	2.10	± 0.05	(21)	2.16	± 0.03	(20)	2.16	± 0.03	(22)
Relative (mg/g)	7.34	± 0.12	(21) **	7.32	± 0.15	(21)	7.67	± 0.10	(20)	7.77	± 0.10	(22) *
Adrenal glands												
Absolute (g)	0.0711	± 0.0017	(21)	0.0712	± 0.0014	(21)	0.0753	± 0.0017	(20)	0.0733	± 0.0025	(22)
Relative (mg/g)	0.25	± 0.01	(21)	0.25	± 0.01	(21)	0.27	± 0.01	(20)	0.26	± 0.01	(22)
R. Ovary												
Absolute (g)	0.0723	± 0.0043	(21)	0.0719	± 0.0034	(21)	0.0735	± 0.0028	(20)	0.0674	± 0.0028	(22)
Relative (mg/g)	0.25	± 0.01	(21)	0.25	± 0.01	(21)	0.26	± 0.01	(20)	0.24	± 0.01	(22)
L. Ovary												
Absolute (g)	0.0683	± 0.0044	(21)	0.0765	± 0.0039	(21)	0.0735	± 0.0033	(20)	0.0741	± 0.0039	(21)
Relative (mg/g)	0.24	± 0.01	(21)	0.27	± 0.01	(21)	0.26	± 0.01	(20)	0.27	± 0.01	(21)

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**F1 Males: F1c NonParent Males**

	Treatment Groups (ppm)											
	0			1000			5000			10000		
Terminal Body Wt. (g)	373.3	± 6.8	(45 [17]) **	364.5	± 5.7	(31 [13])	347.7	± 5.5	(38 [17]) **	336.6	± 5.5	(39 [15]) **
Thyroid gland												
Absolute (g)	0.0178	± 0.0006	(45 [17])	0.0176	± 0.0006	(31 [13])	0.0186	± 0.0007	(38 [17])	0.0187	± 0.0006	(38 [15])
Relative (mg/g)	0.05	± 0.00	(45 [17]) **	0.05	± 0.00	(31 [13])	0.05	± 0.00	(37 [17]) *	0.06	± 0.00	(38 [15]) *
Thymus												
Absolute (g)	0.507	± 0.022	(45 [17])	0.497	± 0.017	(31 [13])	0.476	± 0.015	(39 [17])	0.466	± 0.017	(39 [15])
Relative (mg/g)	1.36	± 0.05	(45 [17])	1.37	± 0.05	(31 [13])	1.37	± 0.04	(38 [17])	1.39	± 0.06	(39 [15])
Liver												
Absolute (g)	15.99	± 0.39	(45 [17])	15.92	± 0.29	(31 [13])	16.21	± 0.27	(39 [17])	16.29	± 0.37	(39 [15])
Relative (mg/g)	42.75	± 0.42	(45 [17]) **	43.75	± 0.89	(31 [13])	46.79	± 0.78	(38 [17]) **	48.30	± 0.60	(39 [15]) **
Spleen												
Absolute (g)	0.872	± 0.025	(42 [16]) **	0.855	± 0.018	(31 [13])	0.753	± 0.018	(39 [17]) **	0.716	± 0.013	(39 [15]) **
Relative (mg/g)	2.33	± 0.05	(42 [16]) **	2.35	± 0.04	(31 [13])	2.17	± 0.05	(38 [17])	2.13	± 0.03	(39 [15]) *
Kidneys												
Absolute (g)	3.05	± 0.08	(45 [17]) *	3.00	± 0.04	(31 [13])	2.92	± 0.05	(39 [17])	2.89	± 0.07	(39 [15])
Relative (mg/g)	8.17	± 0.13	(45 [17]) *	8.24	± 0.15	(31 [13])	8.42	± 0.17	(38 [17])	8.56	± 0.10	(39 [15])
Adrenal glands												
Absolute (g)	0.0632	± 0.0010	(45 [17])	0.0646	± 0.0022	(30 [13])	0.0585	± 0.0021	(38 [16])	0.0597	± 0.0020	(39 [15])
Relative (mg/g)	0.17	± 0.00	(45 [17])	0.18	± 0.01	(30 [13])	0.17	± 0.01	(37 [16])	0.18	± 0.01	(39 [15])
R. Testis												
Absolute (g)	1.904	± 0.027	(45 [17])	1.951	± 0.029	(31 [13])	1.926	± 0.049	(39 [17])	1.886	± 0.064	(39 [15])
Relative (mg/g)	5.12	± 0.07	(45 [17]) *	5.36	± 0.09	(31 [13])	5.56	± 0.13	(38 [17])	5.61	± 0.21	(39 [15]) *
L. Testis												
Absolute (g)	1.889	± 0.036	(45 [17])	1.912	± 0.044	(31 [13])	1.926	± 0.051	(39 [17])	1.867	± 0.070	(38 [15])
Relative (mg/g)	5.07	± 0.08	(45 [17]) *	5.26	± 0.13	(31 [13])	5.56	± 0.14	(38 [17])	5.54	± 0.21	(38 [15])
R. Epididymis												
Absolute (g)	0.548	± 0.008	(45 [17]) **	0.547	± 0.009	(31 [13])	0.529	± 0.011	(39 [17])	0.489	± 0.015	(39 [15]) **
Relative (mg/g)	1.48	± 0.02	(45 [17])	1.50	± 0.03	(31 [13])	1.53	± 0.03	(38 [17])	1.45	± 0.05	(39 [15])

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**F1 Males: F1c NonParent Males**

	Treatment Groups (ppm)			
	0	1000	5000	10000
L. Epididymis				
Absolute (g)	0.551 ± 0.011 (45 [17]) **	0.548 ± 0.013 (31 [13])	0.529 ± 0.011 (39 [17])	0.495 ± 0.017 (38 [15]) **
Relative (mg/g)	1.48 ± 0.03 (45 [17])	1.51 ± 0.04 (31 [13])	1.53 ± 0.03 (38 [17])	1.47 ± 0.05 (38 [15])
Seminal vesicles with coagulating gland				
Absolute (g)	1.261 ± 0.038 (42 [17]) **	1.247 ± 0.034 (30 [13])	1.213 ± 0.028 (39 [17])	1.122 ± 0.027 (38 [15]) **
Relative (mg/g)	3.39 ± 0.09 (42 [17])	3.43 ± 0.12 (30 [13])	3.50 ± 0.08 (38 [17])	3.33 ± 0.08 (38 [15])
Dorso-lateral prostate gland				
Absolute (g)	0.391 ± 0.013 (45 [17]) **	0.398 ± 0.020 (31 [13])	0.362 ± 0.013 (39 [17])	0.322 ± 0.013 (38 [15]) **
Relative (mg/g)	1.05 ± 0.04 (45 [17]) *	1.09 ± 0.06 (31 [13])	1.05 ± 0.04 (38 [17])	0.95 ± 0.04 (38 [15])
Ventral prostate gland				
Absolute (g)	0.517 ± 0.019 (45 [17]) **	0.506 ± 0.020 (31 [13])	0.437 ± 0.018 (39 [17]) **	0.406 ± 0.016 (39 [15]) **
Relative (mg/g)	1.38 ± 0.04 (45 [17]) **	1.39 ± 0.06 (31 [13])	1.26 ± 0.05 (38 [17])	1.20 ± 0.04 (39 [15]) **
Levator ani-bulbocavernosus muscles (LABC)				
Absolute (g)	1.011 ± 0.024 (45 [17]) **	1.002 ± 0.021 (31 [13])	0.967 ± 0.032 (39 [17])	0.886 ± 0.025 (39 [15]) **
Relative (mg/g)	2.72 ± 0.06 (45 [17])	2.76 ± 0.07 (31 [13])	2.78 ± 0.08 (38 [17])	2.63 ± 0.06 (39 [15])

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**F1 Males: F1c Parental Males**

	Treatment Groups (ppm)											
	0			1000			5000			10000		
Terminal Body Wt. (g)	494.3	± 6.6	(40 [21]) **	482.5	± 8.2	(40 [20])	484.7	± 8.0	(37 [19])	425.6	± 7.0	(40 [18]) **
Thyroid gland												
Absolute (g)	0.0229	± 0.0007	(40 [21])	0.0218	± 0.0007	(40 [20])	0.0234	± 0.0008	(36 [19])	0.0204	± 0.0010	(40 [18])
Relative (mg/g)	0.05	± 0.00	(40 [21])	0.05	± 0.00	(40 [20])	0.05	± 0.00	(36 [19])	0.05	± 0.00	(40 [18])
Thymus												
Absolute (g)	0.284	± 0.012	(40 [21])	0.282	± 0.011	(40 [20])	0.280	± 0.012	(37 [19])	0.267	± 0.012	(39 [18])
Relative (mg/g)	0.58	± 0.03	(40 [21])	0.58	± 0.02	(40 [20])	0.58	± 0.03	(37 [19])	0.63	± 0.03	(39 [18])
Liver												
Absolute (g)	19.77	± 0.45	(40 [21])	18.85	± 0.45	(40 [20])	20.33	± 0.46	(37 [19])	18.77	± 0.49	(40 [18])
Relative (mg/g)	39.94	± 0.61	(40 [21]) **	39.01	± 0.53	(40 [20])	41.92	± 0.57	(37 [19]) *	44.02	± 0.63	(40 [18]) **
Kidneys												
Absolute (g)	3.75	± 0.06	(40 [21]) **	3.66	± 0.06	(40 [20])	3.67	± 0.07	(37 [19])	3.47	± 0.10	(40 [18]) *
Relative (mg/g)	7.61	± 0.12	(40 [21]) **	7.60	± 0.09	(40 [20])	7.57	± 0.08	(37 [19])	8.13	± 0.13	(40 [18]) **
Adrenal glands												
Absolute (g)	0.0627	± 0.0024	(40 [21])	0.0671	± 0.0047	(40 [20])	0.0655	± 0.0019	(37 [19])	0.0606	± 0.0020	(40 [18])
Relative (mg/g)	0.13	± 0.00	(40 [21])	0.14	± 0.01	(40 [20])	0.14	± 0.00	(37 [19])	0.14	± 0.00	(40 [18])
R. Testis												
Absolute (g)	2.080	± 0.024	(40 [21]) **	2.111	± 0.037	(40 [20])	2.119	± 0.052	(37 [19])	1.897	± 0.091	(40 [18]) *
Relative (mg/g)	4.22	± 0.06	(40 [21])	4.40	± 0.08	(40 [20])	4.40	± 0.12	(37 [19])	4.44	± 0.19	(40 [18])
L. Testis												
Absolute (g)	2.129	± 0.038	(40 [21]) **	2.095	± 0.030	(39 [20])	2.075	± 0.065	(37 [19])	1.821	± 0.124	(39 [18]) **
Relative (mg/g)	4.33	± 0.11	(40 [21])	4.35	± 0.07	(39 [20])	4.31	± 0.15	(37 [19])	4.23	± 0.28	(39 [18])
R. Epididymis												
Absolute (g)	0.666	± 0.008	(40 [21]) **	0.662	± 0.010	(40 [20])	0.659	± 0.013	(37 [19])	0.572	± 0.023	(40 [18]) **
Relative (mg/g)	1.35	± 0.02	(40 [21])	1.38	± 0.03	(40 [20])	1.37	± 0.04	(37 [19])	1.34	± 0.04	(40 [18])
L. Epididymis												
Absolute (g)	0.684	± 0.008	(40 [21]) **	0.684	± 0.009	(39 [20])	0.655	± 0.019	(37 [19])	0.573	± 0.035	(39 [18]) **
Relative (mg/g)	1.39	± 0.02	(40 [21])	1.42	± 0.02	(39 [20])	1.36	± 0.05	(37 [19])	1.34	± 0.08	(39 [18])

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**F1 Males: F1c Parental Males**

	Treatment Groups (ppm)			
	0	1000	5000	10000
Seminal vesicles with coagulating gland				
Absolute (g)	1.740 ± 0.040 (38 [20]) *	1.830 ± 0.052 (37 [20])	1.766 ± 0.051 (34 [19])	1.621 ± 0.051 (40 [18])
Relative (mg/g)	3.56 ± 0.10 (38 [20])	3.80 ± 0.12 (37 [20])	3.66 ± 0.11 (34 [19])	3.81 ± 0.10 (40 [18])
Dorso-lateral prostate gland				
Absolute (g)	0.567 ± 0.021 (40 [21]) **	0.486 ± 0.024 (40 [20]) *	0.584 ± 0.024 (37 [19])	0.389 ± 0.023 (40 [18]) **
Relative (mg/g)	1.15 ± 0.04 (40 [21]) *	1.01 ± 0.05 (40 [20])	1.21 ± 0.05 (37 [19])	0.92 ± 0.05 (40 [18]) **
Ventral prostate gland				
Absolute (g)	0.821 ± 0.025 (40 [21]) **	0.845 ± 0.027 (40 [20])	0.779 ± 0.026 (37 [19])	0.711 ± 0.029 (40 [18]) *
Relative (mg/g)	1.67 ± 0.06 (40 [21])	1.76 ± 0.06 (40 [20])	1.62 ± 0.06 (37 [19])	1.67 ± 0.06 (40 [18])
Levator ani-bulbocavernosus muscles (LABC)				
Absolute (g)	1.343 ± 0.026 (40 [21]) **	1.327 ± 0.041 (40 [20])	1.349 ± 0.037 (37 [19])	1.166 ± 0.034 (40 [18]) **
Relative (mg/g)	2.73 ± 0.06 (40 [21])	2.76 ± 0.09 (40 [20])	2.79 ± 0.08 (37 [19])	2.75 ± 0.07 (40 [18])



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**F1 Females: F1c NonParent Female**

	Treatment Groups (ppm)											
	0			1000			5000			10000		
Terminal Body Wt. (g)	236.8	± 3.7	(28 [15]) **	243.7	± 3.4	(32 [12])	231.5	± 4.5	(40 [17])	218.0	± 3.9	(32 [13]) **
Thyroid gland												
Absolute (g)	0.0167	± 0.0010	(28 [15])	0.0166	± 0.0005	(32 [12])	0.0185	± 0.0011	(39 [17])	0.0153	± 0.0007	(32 [13])
Relative (mg/g)	0.07	± 0.00	(28 [15])	0.07	± 0.00	(32 [12])	0.08	± 0.00	(39 [17])	0.07	± 0.00	(32 [13])
Thymus												
Absolute (g)	0.363	± 0.014	(28 [15])	0.376	± 0.011	(32 [12])	0.397	± 0.012	(40 [17])	0.382	± 0.011	(32 [13])
Relative (mg/g)	1.54	± 0.06	(28 [15]) **	1.54	± 0.04	(32 [12])	1.72	± 0.05	(40 [17])	1.76	± 0.06	(32 [13]) *
Liver												
Absolute (g)	9.51	± 0.26	(28 [15])	9.91	± 0.23	(32 [12])	10.31	± 0.40	(40 [17])	9.55	± 0.17	(32 [13])
Relative (mg/g)	40.03	± 0.59	(28 [15]) **	40.65	± 0.71	(32 [12])	44.49	± 1.42	(40 [17]) **	43.78	± 0.36	(32 [13]) **
Spleen												
Absolute (g)	0.660	± 0.020	(28 [15]) **	0.707	± 0.015	(32 [12])	0.679	± 0.048	(40 [17])	0.575	± 0.008	(32 [13])
Relative (mg/g)	2.79	± 0.07	(28 [15])	2.90	± 0.06	(32 [12])	2.94	± 0.19	(40 [17])	2.65	± 0.06	(32 [13])
Kidneys												
Absolute (g)	1.90	± 0.03	(28 [15])	1.92	± 0.03	(32 [12])	2.00	± 0.09	(40 [17])	1.83	± 0.03	(32 [13])
Relative (mg/g)	8.03	± 0.08	(28 [15]) *	7.88	± 0.10	(32 [12])	8.68	± 0.36	(40 [17])	8.43	± 0.13	(32 [13])
Adrenal glands												
Absolute (g)	0.0699	± 0.0021	(28 [15])	0.0711	± 0.0020	(32 [12])	0.0737	± 0.0032	(40 [17])	0.0655	± 0.0014	(32 [13])
Relative (mg/g)	0.30	± 0.01	(28 [15])	0.29	± 0.01	(32 [12])	0.32	± 0.01	(40 [17])	0.30	± 0.01	(32 [13])
R. Ovary												
Absolute (g)	0.0510	± 0.0024	(28 [15]) **	0.0591	± 0.0032	(32 [12])	0.0484	± 0.0024	(40 [17])	0.0479	± 0.0012	(32 [13])
Relative (mg/g)	0.22	± 0.01	(28 [15])	0.24	± 0.01	(32 [12])	0.21	± 0.01	(40 [17])	0.22	± 0.01	(32 [13])
L. Ovary												
Absolute (g)	0.0526	± 0.0030	(28 [15]) *	0.0596	± 0.0027	(32 [12])	0.0480	± 0.0026	(40 [17])	0.0489	± 0.0023	(32 [13])
Relative (mg/g)	0.22	± 0.01	(28 [15])	0.24	± 0.01	(32 [12])	0.21	± 0.01	(40 [17])	0.22	± 0.01	(32 [13])

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA06R: Organ Weights Summary**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 09/03/2020  
**Time Report Requested:** 12:33:17  
**Lab:** RTI

**F1 Females: F1c Parental Females**

	Treatment Groups (ppm)											
	0			1000			5000			10000		
Terminal Body Wt. (g)	337.3	± 5.3	(33 [19]) **	335.1	± 4.2	(37 [18])	334.3	± 5.4	(30 [20])	314.7	± 4.5	(34 [18]) **
Thyroid gland												
Absolute (g)	0.0212	± 0.0006	(33 [19]) *	0.0188	± 0.0006	(36 [18]) *	0.0208	± 0.0007	(30 [20])	0.0179	± 0.0008	(34 [18]) **
Relative (mg/g)	0.06	± 0.00	(33 [19])	0.06	± 0.00	(36 [18])	0.06	± 0.00	(30 [20])	0.06	± 0.00	(34 [18]) *
Thymus												
Absolute (g)	0.157	± 0.008	(33 [19])	0.165	± 0.010	(37 [18])	0.151	± 0.011	(30 [20])	0.150	± 0.008	(34 [18])
Relative (mg/g)	0.46	± 0.02	(33 [19])	0.49	± 0.03	(37 [18])	0.45	± 0.03	(30 [20])	0.48	± 0.02	(34 [18])
Liver												
Absolute (g)	16.55	± 0.43	(33 [19]) **	16.30	± 0.32	(37 [18])	17.70	± 0.61	(30 [20])	17.93	± 0.35	(34 [18])
Relative (mg/g)	49.06	± 0.94	(33 [19]) **	48.75	± 0.86	(37 [18])	52.87	± 1.34	(30 [20])	57.11	± 1.08	(34 [18]) **
Spleen												
Absolute (g)	0.697	± 0.019	(33 [19]) **	0.704	± 0.013	(37 [18])	0.681	± 0.027	(30 [20])	0.629	± 0.012	(34 [18]) *
Relative (mg/g)	2.07	± 0.05	(33 [19])	2.11	± 0.04	(37 [18])	2.04	± 0.07	(30 [20])	2.00	± 0.05	(34 [18])
Kidneys												
Absolute (g)	2.73	± 0.06	(33 [19])	2.70	± 0.04	(37 [18])	2.78	± 0.06	(30 [20])	2.69	± 0.04	(34 [18])
Relative (mg/g)	8.10	± 0.13	(33 [19]) *	8.06	± 0.12	(37 [18])	8.32	± 0.15	(30 [20])	8.59	± 0.14	(34 [18])
Adrenal glands												
Absolute (g)	0.0719	± 0.0020	(33 [19])	0.0745	± 0.0029	(37 [18])	0.0728	± 0.0023	(30 [20])	0.0720	± 0.0018	(34 [18])
Relative (mg/g)	0.21	± 0.01	(33 [19])	0.22	± 0.01	(37 [18])	0.22	± 0.01	(30 [20])	0.23	± 0.01	(34 [18])
R. Ovary												
Absolute (g)	0.0768	± 0.0042	(33 [19]) *	0.0749	± 0.0031	(37 [18])	0.0711	± 0.0052	(30 [20])	0.0660	± 0.0032	(34 [18])
Relative (mg/g)	0.23	± 0.01	(33 [19])	0.22	± 0.01	(37 [18])	0.21	± 0.01	(30 [20])	0.21	± 0.01	(34 [18])
L. Ovary												
Absolute (g)	0.0738	± 0.0039	(33 [19]) *	0.0748	± 0.0031	(37 [18])	0.0662	± 0.0034	(30 [20]) *	0.0686	± 0.0033	(34 [18])
Relative (mg/g)	0.22	± 0.01	(33 [19])	0.22	± 0.01	(37 [18])	0.20	± 0.01	(30 [20])	0.22	± 0.01	(34 [18])

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA06R: Organ Weights Summary**  
**Test Compound:** Diisobutyl Phthalate  
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## LEGEND

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Data reported as the mean  $\pm$  SEM (number of animals) for the F0 animals and as the mean of the litter mean  $\pm$  SEM of the litter mean (number of animals [number of litters]) for the F1 animals.

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

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

Statistical analysis for the F1 generation was performed using mixed models, with litter as a random effect for both 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  $P \leq 0.01$

Non-pregnant females in the parental female cohort were excluded from the analysis.

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