

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

**I04G: Mean Body Weight Gain**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 01/16/2020  
**Time Report Requested:** 14:21:33  
**Lab:** RTI

**C 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)

Phase	Litter ID	Days	0		1000		5000		10000	
			Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD		0 - 7	16.6 ± 1.3	23	12.9 ± 1.8	23	14.7 ± 1.6	23	10.5 ± 2.6	23
		7 - 14	11.7 ± 1.2	23	12.9 ± 2.0	23	13.6 ± 2.0	23	14.5 ± 1.9	23
		0 - 14	28.3 ± 1.7	23	25.8 ± 1.7	23	28.2 ± 2.4	23	25.0 ± 2.6	23
		14 - 21	6.7 ± 1.6	23	7.8 ± 1.1	23	3.7 ± 1.9	23	7.0 ± 1.4	23
		21 - 28	10.2 ± 1.5	23	4.0 ± 1.7 *	23	10.0 ± 0.8	23	7.5 ± 1.6	23
		28 - 35	13.2 ± 0.9 **	23	8.5 ± 3.8	23	7.7 ± 1.3	23	8.8 ± 2.0	23
		35 - 42	7.2 ± 0.9	23	13.4 ± 3.0	23	9.1 ± 1.4	23	9.3 ± 2.0	23
		42 - 49	8.0 ± 0.6	23	8.8 ± 1.0	23	7.8 ± 1.6	23	8.0 ± 1.4	23
		49 - 56	4.6 ± 1.2	23	7.6 ± 0.8	23	6.2 ± 1.3	23	5.7 ± 1.0	23
		56 - 63	0.6 ± 1.1	23	-0.6 ± 1.0	23	-0.3 ± 1.4	23	-0.1 ± 1.0	23
		63 - 70	7.3 ± 0.8	23	5.9 ± 1.1	23	6.1 ± 1.7	23	7.0 ± 0.7	23
		70 - 77	7.3 ± 0.7	23	8.5 ± 0.7	23	10.0 ± 1.4	23	5.8 ± 0.7	23
		77 - 84	5.5 ± 1.1	23	2.5 ± 1.3	23	3.1 ± 1.1	23	4.6 ± 1.0	23
		84 - 91	7.0 ± 1.4	23	11.7 ± 1.5 *	23	9.9 ± 1.0	23	7.0 ± 0.6	23
		91 - 98	6.2 ± 0.9	23	2.3 ± 1.1 **	23	3.2 ± 0.9 *	23	4.6 ± 0.7	23
		98 - 105	-1.7 ± 0.9	23	-2.2 ± 1.3	23	-0.4 ± 1.0	23	-0.9 ± 0.8	23
		105 - 112	4.1 ± 0.9	23	7.5 ± 1.1	23	6.4 ± 1.3	23	6.4 ± 0.8	23
		112 - 119	4.2 ± 1.2	23	3.7 ± 1.1	23	4.6 ± 0.8	23	4.9 ± 0.9	23
	119 - 126	3.3 ± 1.8	23	6.8 ± 0.8	23	4.0 ± 1.7	23	5.4 ± 0.9	23	
	126 - 133	1.6 ± 2.3	23	5.0 ± 0.8	23	2.9 ± 1.6	23	2.7 ± 1.0	23	
	133 - 140	12.0 ± 3.9	15	3.4 ± 1.1 *	15	7.7 ± 1.1	16	7.0 ± 1.1	15	

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F0 Females

Treatment Groups (ppm)

Phase	Litter ID	Days	0		1000		5000		10000	
			Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD		0 - 7	7.2 ± 0.7 **	23	3.4 ± 1.2 *	23	1.2 ± 1.6 **	23	0.5 ± 1.4 **	23
		7 - 14	3.8 ± 0.8	23	5.7 ± 0.8	23	5.2 ± 2.5	23	4.1 ± 1.0	23
		0 - 14	11.0 ± 0.9 **	23	9.1 ± 1.4	23	6.5 ± 3.0	23	4.6 ± 1.1 *	23
		147 - 154	-5.0 ± 3.5	20	-3.3 ± 2.3	15	-3.1 ± 3.2	16	-4.6 ± 3.4	21
		154 - 161	2.0 ± 1.4	20	3.7 ± 1.3	21	1.6 ± 1.9	19	1.1 ± 1.6	22
		161 - 168	-0.7 ± 1.3	21	-2.3 ± 1.1	21	-2.9 ± 2.1	20	-1.4 ± 1.1	22
		168 - 175	-1.1 ± 0.8	21	-2.0 ± 0.9	21	2.3 ± 2.5	20	-0.2 ± 1.0	22
Gestation	A	1 - 3	12.3 ± 0.7	21	12.5 ± 0.9	21	12.5 ± 0.8	19	10.0 ± 1.8	22
		3 - 6	9.0 ± 1.2	21	8.5 ± 0.7	21	10.9 ± 0.7	19	8.9 ± 1.5	22
		6 - 9	7.4 ± 1.8	21	9.2 ± 0.7	21	9.4 ± 0.7	19	11.3 ± 1.4	22
		9 - 12	13.9 ± 2.0 *	21	12.6 ± 0.6	21	10.4 ± 1.8	19	8.6 ± 1.6	22
		12 - 15	17.5 ± 0.6	21	15.2 ± 0.7	21	14.6 ± 2.5	19	18.1 ± 1.4	22
		15 - 18	38.7 ± 1.1	21	38.6 ± 1.3	21	44.1 ± 2.6	19	38.7 ± 1.2	22
		18 - 21	45.5 ± 1.6	20	41.1 ± 1.8	21	45.9 ± 1.9	18	36.6 ± 4.8	22
1 - 21	143.9 ± 3.7	20	137.6 ± 4.1	21	147.4 ± 4.3	18	132.2 ± 5.5	22		
Lactation	A	1 - 4	7.5 ± 1.5	21	9.5 ± 1.3	23	6.1 ± 1.4	21	9.3 ± 1.9	22
Gestation	B	1 - 3	10.2 ± 0.9	18	7.9 ± 0.7	21	10.9 ± 0.8	19	9.8 ± 0.9	22
		3 - 6	5.3 ± 1.3	18	6.6 ± 0.6	21	6.5 ± 0.8	19	6.4 ± 0.5	22
		6 - 9	9.9 ± 1.3	18	7.5 ± 0.6	21	9.6 ± 1.0	19	7.4 ± 0.7	22
		9 - 12	11.1 ± 0.8	18	7.2 ± 2.1	21	7.7 ± 1.9	19	8.4 ± 1.4	22
		12 - 15	15.7 ± 1.2	18	20.1 ± 2.4	21	20.6 ± 1.9	19	18.3 ± 1.7	22
		15 - 18	38.4 ± 1.5 *	18	39.1 ± 1.4	21	42.7 ± 1.8	19	41.3 ± 1.9	22
		18 - 21	44.7 ± 2.3	18	44.4 ± 1.5	21	46.8 ± 2.1	19	44.0 ± 2.5	22
1 - 21	135.2 ± 4.4	18	132.9 ± 3.8	21	144.8 ± 4.8	19	135.6 ± 5.6	22		
Lactation	B	1 - 4	8.1 ± 1.3	21	7.6 ± 1.0	23	8.2 ± 1.5	21	7.2 ± 1.0	22

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F0 Females

Treatment Groups (ppm)

Phase	Litter ID	Days	0		1000		5000		10000	
			Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
Gestation	C	1 - 3	9.8 ± 0.9	21	9.2 ± 1.4	20	10.7 ± 0.9	20	9.1 ± 0.9	20
		3 - 6	1.4 ± 2.7	21	6.3 ± 0.9	20	6.3 ± 0.7	20	6.4 ± 0.8	20
		6 - 9	6.2 ± 1.8	21	6.9 ± 0.5	20	6.5 ± 0.5	19	6.2 ± 1.0	20
		9 - 12	13.3 ± 2.1	21	10.2 ± 0.8	20	10.4 ± 0.7	19	10.4 ± 1.0	20
		12 - 15	14.1 ± 1.9	21	13.5 ± 0.9	20	15.5 ± 1.3	19	15.3 ± 1.3	20
		15 - 18	34.0 ± 2.5	21	34.1 ± 2.5	20	36.7 ± 2.2	19	34.6 ± 2.8	20
		18 - 21	37.3 ± 2.5	21	35.6 ± 2.4	20	38.1 ± 3.2	19	39.3 ± 3.2	20
		1 - 21	116.1 ± 5.6	21	115.8 ± 5.2	20	123.8 ± 6.3	19	121.3 ± 7.0	20
Lactation	C	1 - 4	7.5 ± 1.1	21	7.9 ± 0.9	22	5.4 ± 2.8	20	6.8 ± 1.7	21
		4 - 7	4.2 ± 1.3	21	1.6 ± 1.5	22	-0.0 ± 3.7	20	1.7 ± 1.6	21
		7 - 10	2.0 ± 1.2	21	3.0 ± 1.4	22	5.3 ± 2.1	20	2.5 ± 2.1	21
		10 - 13	1.6 ± 1.9	21	0.4 ± 1.1	21	2.2 ± 1.6	20	-0.3 ± 1.4	21
		13 - 16	-4.5 ± 2.1	21	-4.7 ± 1.2	21	-8.6 ± 2.0	20	-5.1 ± 1.6	21
		16 - 19	-2.0 ± 1.4 *	21	-8.4 ± 3.0	21	-9.1 ± 2.6	20	-7.9 ± 2.4	20
		19 - 21	-12.5 ± 2.0 **	21	-2.9 ± 3.0 **	21	-5.4 ± 1.2 **	20	-3.7 ± 1.5 **	19
		4 - 21	-11.1 ± 2.9	21	-11.0 ± 3.1	21	-15.7 ± 3.4	20	-10.4 ± 2.5	19

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Lab: RTI

F1 Males: All F1 Males

Phase	Litter ID	Days	Treatment Groups (ppm)							
			0		1000		5000		10000	
			Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
PND		21 - 28	33.0 ± 0.6 **	91 (21)	32.0 ± 0.7	72 (20)	33.2 ± 0.7	86 (19)	29.2 ± 1.1 **	79 (18)
		28 - 35	45.2 ± 0.9 **	91 (21)	44.3 ± 0.8	72 (20)	42.9 ± 1.1	86 (19)	39.7 ± 1.1 **	79 (18)
		35 - 42	45.6 ± 0.9 **	91 (21)	45.8 ± 0.9	72 (20)	45.0 ± 1.5	86 (19)	41.3 ± 1.0 **	79 (18)
		42 - 49	43.4 ± 1.2 *	91 (21)	42.1 ± 1.0	72 (20)	41.1 ± 1.3	86 (19)	39.5 ± 1.0	79 (18)
		49 - 56	43.1 ± 1.5 *	91 (21)	45.7 ± 1.8	72 (20)	45.2 ± 2.2	86 (19)	38.4 ± 1.4	79 (18)
		56 - 63	33.6 ± 1.3	91 (21)	29.4 ± 2.2	72 (20)	31.1 ± 1.4	86 (19)	33.6 ± 1.2	79 (18)
		63 - 70	22.9 ± 1.0	91 (21)	23.5 ± 2.8	72 (20)	22.5 ± 1.2	86 (19)	21.6 ± 1.0	79 (18)
		70 - 77	21.0 ± 0.6 **	91 (21)	21.4 ± 1.3	72 (20)	17.2 ± 0.9 **	86 (19)	17.2 ± 0.8 **	79 (18)
		77 - 84	17.1 ± 0.5 **	85 (21)	16.5 ± 1.0	72 (20)	15.6 ± 0.8	79 (19)	12.0 ± 0.6 **	79 (18)
		84 - 91	14.3 ± 0.9 **	40 (21)	14.7 ± 1.0	40 (20)	14.5 ± 0.8	40 (19)	10.8 ± 0.6 *	40 (18)
		91 - 98	11.1 ± 0.8	40 (21)	9.4 ± 0.7	40 (20)	10.8 ± 0.8	40 (19)	8.3 ± 1.5	40 (18)
		98 - 105	7.6 ± 1.0	40 (21)	6.0 ± 1.1	40 (20)	9.6 ± 0.9	40 (19)	5.1 ± 1.5	40 (18)
		105 - 112	11.8 ± 1.4	40 (21)	14.9 ± 1.5	40 (20)	11.0 ± 0.7	40 (19)	14.8 ± 1.7	40 (18)
		112 - 119	12.6 ± 0.8	40 (21)	11.6 ± 0.7	40 (20)	11.5 ± 1.0	40 (19)	10.3 ± 0.7	40 (18)
		119 - 126	11.9 ± 0.9	40 (21)	10.1 ± 1.0	40 (20)	9.4 ± 0.8	40 (19)	9.8 ± 0.6	40 (18)
		126 - 133	9.0 ± 0.8	40 (21)	8.2 ± 1.6	40 (20)	8.5 ± 0.7	40 (19)	8.1 ± 0.7	40 (18)
		133 - 140	8.3 ± 1.2 *	40 (21)	8.8 ± 1.5	40 (20)	6.2 ± 1.2	37 (19)	5.3 ± 0.4	40 (18)
		140 - 147	1.4 ± 0.7	40 (21)	0.9 ± 0.8	40 (20)	0.1 ± 1.6	37 (19)	-1.3 ± 1.2	40 (18)
		147 - 154	5.0 ± 1.0	40 (21)	5.3 ± 0.8	40 (20)	10.8 ± 2.4 *	37 (19)	7.4 ± 1.2	40 (18)
		154 - 161	3.9 ± 0.7	40 (21)	5.5 ± 1.0	40 (20)	6.0 ± 0.6	37 (19)	4.6 ± 0.4	40 (18)
		161 - 168	6.6 ± 0.6	40 (21)	8.2 ± 0.7	40 (20)	6.8 ± 1.0	37 (19)	6.8 ± 0.7	40 (18)
	168 - 175	8.6 ± 0.9	40 (21)	6.2 ± 1.3	40 (20)	7.1 ± 1.0	37 (19)	5.9 ± 0.6	40 (18)	
	175 - 182	8.0 ± 0.8	40 (21)	8.2 ± 1.2	40 (20)	5.1 ± 1.1	37 (19)	6.8 ± 0.9	40 (18)	
	182 - 189	-0.8 ± 1.0	40 (21)	-0.5 ± 1.1	40 (20)	1.1 ± 1.1	37 (19)	-1.8 ± 1.0	40 (18)	
	189 - 196	1.6 ± 0.6	40 (21)	4.6 ± 1.3	40 (20)	2.1 ± 0.8	37 (19)	1.7 ± 0.9	40 (18)	
	196 - 203	6.7 ± 0.8	40 (21)	3.8 ± 1.4	40 (20)	4.6 ± 0.9	37 (19)	5.1 ± 0.8	40 (18)	
	203 - 210	5.7 ± 0.8	40 (21)	5.3 ± 1.2	40 (20)	3.7 ± 0.7	37 (19)	4.0 ± 0.7	40 (18)	
	210 - 217	7.5 ± 0.7 *	37 (20)	6.5 ± 0.7	40 (20)	8.2 ± 0.9	36 (18)	4.6 ± 0.4 *	40 (18)	

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Lab: RTI

F1 Females: All F1 Females

Treatment Groups (ppm)

Phase	Litter ID	Days	0		1000		5000		10000	
			Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
PND		21 - 28	28.9 ± 0.6 **	69 (20)	28.3 ± 0.6	81 (19)	29.2 ± 0.5	89 (20)	25.5 ± 0.7 **	74 (18)
		28 - 35	36.3 ± 0.5 **	69 (20)	36.3 ± 0.7	80 (19)	36.0 ± 0.6	87 (20)	32.8 ± 0.4 **	74 (18)
		35 - 42	29.5 ± 0.6	69 (20)	30.3 ± 0.6	76 (19)	30.4 ± 0.6	84 (20)	30.4 ± 0.5	74 (18)
		42 - 49	21.4 ± 0.7	69 (20)	21.3 ± 1.2	76 (19)	21.5 ± 0.7	84 (20)	19.6 ± 0.9	74 (18)
		49 - 56	20.5 ± 1.3 **	69 (20)	22.8 ± 1.2	76 (19)	18.9 ± 0.8	84 (20)	17.9 ± 0.9	74 (18)
		56 - 63	14.2 ± 1.4	69 (20)	15.3 ± 1.0	76 (19)	15.4 ± 0.8	84 (20)	15.2 ± 1.3	74 (18)
		63 - 70	15.8 ± 1.7	69 (20)	14.8 ± 1.1	76 (19)	14.6 ± 1.2	84 (20)	13.4 ± 1.4	74 (18)
		70 - 77	10.3 ± 1.2	69 (20)	11.1 ± 1.2	76 (19)	9.3 ± 1.6	84 (20)	9.7 ± 1.3	74 (18)
		77 - 84	6.6 ± 1.5	68 (20)	7.5 ± 1.1	74 (19)	8.3 ± 1.3	80 (20)	9.8 ± 1.3	74 (18)
		84 - 91	7.6 ± 1.3	40 (20)	7.6 ± 1.7	40 (19)	7.2 ± 1.6	40 (20)	5.0 ± 1.5	40 (18)
	91 - 98	5.3 ± 1.5	40 (20)	3.6 ± 0.9	40 (19)	6.6 ± 1.3	38 (19)	5.1 ± 1.8	40 (18)	

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F1 Females: F1c Parental Females

Phase	Litter ID	Days	Treatment Groups (ppm)							
			0		1000		5000		10000	
			Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
Gestation	A	1 - 3	14.3 ± 1.4	31 (18)	14.7 ± 1.4	30 (15)	14.9 ± 1.0	30 (18)	15.5 ± 0.9	27 (16)
		3 - 6	9.3 ± 1.0	31 (18)	8.7 ± 0.5	30 (15)	10.5 ± 1.4	30 (18)	8.0 ± 0.7	27 (16)
		6 - 9	10.7 ± 0.8	31 (18)	9.9 ± 0.6	30 (15)	8.3 ± 1.6	30 (18)	10.0 ± 0.8	27 (16)
		9 - 12	12.3 ± 0.6	31 (18)	11.0 ± 1.2	30 (15)	11.8 ± 0.8	30 (18)	12.4 ± 0.7	27 (16)
		12 - 15	19.3 ± 1.3 **	31 (18)	18.0 ± 1.0	30 (15)	17.6 ± 1.0	30 (18)	15.9 ± 1.0 **	27 (16)
		15 - 18	44.1 ± 1.7	31 (18)	38.5 ± 2.3	30 (15)	42.3 ± 1.7	30 (18)	40.6 ± 1.7	27 (16)
		18 - 21	44.7 ± 2.3	31 (18)	44.0 ± 3.3	30 (15)	46.8 ± 2.1	30 (18)	42.4 ± 2.5	27 (16)
		1 - 21	154.7 ± 4.2	31 (18)	144.8 ± 6.3	30 (15)	152.2 ± 3.9	30 (18)	144.7 ± 4.6	27 (16)
Lactation	A	1 - 4	4.5 ± 1.1	32 (18)	8.0 ± 2.2	31 (16)	3.4 ± 1.6	32 (19)	8.2 ± 1.5	29 (16)
Gestation	B	1 - 3	10.1 ± 0.7	34 (20)	11.2 ± 1.0	27 (17)	11.1 ± 1.2	31 (19)	9.3 ± 1.5	30 (18)
		3 - 6	5.4 ± 1.3	34 (20)	6.5 ± 0.7	27 (17)	7.3 ± 0.8	31 (19)	8.5 ± 1.5	30 (18)
		6 - 9	10.2 ± 1.0 *	34 (20)	9.4 ± 0.7	27 (17)	8.7 ± 0.5	31 (19)	7.5 ± 1.4	30 (18)
		9 - 12	10.6 ± 0.6	34 (20)	10.4 ± 0.6	27 (17)	11.4 ± 0.6	31 (19)	10.0 ± 1.1	30 (18)
		12 - 15	18.8 ± 0.8	34 (20)	17.0 ± 1.0	27 (17)	17.6 ± 1.0	31 (19)	16.8 ± 1.0	30 (18)
		15 - 18	46.6 ± 1.8 *	34 (20)	44.9 ± 1.7	27 (17)	47.4 ± 1.8	31 (19)	40.8 ± 2.2	30 (18)
		18 - 21	52.2 ± 2.7 **	34 (20)	49.2 ± 2.3	27 (17)	49.6 ± 1.9	31 (19)	43.4 ± 2.2 **	30 (18)
		1 - 21	153.8 ± 5.1 **	34 (20)	148.5 ± 5.8	27 (17)	153.0 ± 4.6	31 (19)	136.1 ± 4.9 *	30 (18)
Lactation	B	1 - 4	5.6 ± 1.9	35 (20)	3.6 ± 1.3	31 (17)	5.4 ± 1.1	31 (19)	2.1 ± 1.4	33 (18)
Gestation	C	1 - 3	10.5 ± 0.7	27 (17)	10.9 ± 0.9	33 (17)	10.8 ± 1.3	24 (17)	10.0 ± 0.7	30 (18)
		3 - 6	5.7 ± 0.8	27 (17)	7.0 ± 0.7	33 (17)	6.4 ± 0.9	24 (17)	7.0 ± 0.6	30 (18)
		6 - 9	7.4 ± 0.6	27 (17)	8.7 ± 0.6	33 (17)	8.2 ± 0.6	24 (17)	8.1 ± 1.5	30 (18)
		9 - 12	12.4 ± 0.9	27 (17)	11.1 ± 0.6	33 (17)	10.0 ± 0.8	24 (17)	9.6 ± 1.3	30 (18)
		12 - 15	18.1 ± 0.8	27 (17)	17.9 ± 1.2	33 (17)	18.2 ± 1.2	24 (17)	17.0 ± 0.9	30 (18)
		15 - 18	44.7 ± 1.9	27 (17)	41.5 ± 1.5	33 (17)	42.0 ± 2.6	24 (17)	40.3 ± 2.1	30 (18)
		18 - 21	50.9 ± 2.0	27 (17)	39.6 ± 3.5	32 (17)	48.1 ± 3.0	24 (17)	38.3 ± 3.4	30 (18)
		1 - 21	149.6 ± 4.2	27 (17)	135.4 ± 6.1	32 (17)	143.7 ± 6.4	24 (17)	130.3 ± 5.5	30 (18)

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Test Type: RACB

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

I04G: Mean Body Weight Gain

Test Compound: Diisobutyl Phthalate

CAS Number: 84-69-5

Date Report Requested: 01/16/2020

Time Report Requested: 14:21:33

Lab: RTI

F1 Females: F1c Parental Females

Treatment Groups (ppm)

Phase	Litter ID	Days	0		1000		5000		10000	
			Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
Lactation	C	1 - 4	5.0 ± 1.3	33 (19)	8.5 ± 1.1	37 (18)	3.7 ± 1.7	30 (20)	5.2 ± 1.4	34 (18)
		4 - 7	0.4 ± 1.6	33 (19)	0.6 ± 2.4	37 (18)	1.9 ± 1.2	30 (20)	3.4 ± 1.2	34 (18)
		7 - 10	2.9 ± 2.3	33 (19)	2.5 ± 2.1	37 (18)	-0.3 ± 1.0	30 (20)	1.2 ± 1.2	34 (18)
		10 - 13	3.0 ± 1.4	33 (19)	-0.6 ± 1.7	37 (18)	-2.9 ± 1.4	30 (20)	2.8 ± 1.5	34 (18)
		13 - 16	-8.5 ± 1.8	33 (19)	-7.0 ± 2.2	37 (18)	-5.8 ± 1.9	30 (20)	-8.5 ± 1.2	34 (18)
		16 - 19	-10.4 ± 1.7	33 (19)	-8.2 ± 1.5	37 (18)	-7.6 ± 1.6	30 (20)	-9.6 ± 2.0	34 (18)
		19 - 21	-3.9 ± 1.2	33 (19)	-3.1 ± 1.3	37 (18)	-3.9 ± 1.2	30 (20)	-1.2 ± 1.5	34 (18)
		4 - 21	-16.5 ± 3.4	33 (19)	-15.7 ± 3.1	37 (18)	-18.5 ± 2.7	30 (20)	-12.0 ± 2.4	34 (18)



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

**I04G: Mean Body Weight Gain**  
**Test Compound:** Diisobutyl Phthalate  
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#### LEGEND

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

PND - Postnatal Day, adults post-weaning; SD - Study Day

In multigenerational studies, body weights reported for all animals until mating; pregnant animals only during gestation and lactation; all animals post-weaning.

In multiple breeding/littering studies Litter A is the default designation for the first litter; subsequent litters of the same pair would be B, C etc.

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

Statistical analysis of weight data with litter-mates was performed by linear mixed models, with dam ID as random effect for both trend and pairwise analysis, and using Dunnett-Hsu adjustment for pairwise 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  $P \leq 0.01$

All F1 Females includes all the F1 females until mating of the F1 Parental females or removal.

All F1 Males includes all the F1 males until mating of the F1 Parental males or removal.

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