

**Study Number:** R88007

**Test Type:** RACB - Range Finding

**Route:** Dosing in Feed

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

**C Number:**

**Study Gender:**

**PWG Approval Date**

**I04: Mean Body Weight Summary**

**Test Compound:** Butyl Paraben

**CAS Number:** 94-26-8

R88007

Both

See web page for date of PWG Approval

**Date Report Requested:** 11/27/2018

**Time Report Requested:** 14:58:09

**Lab:** RTI

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F0 Males

Treatment Groups (ppm)

Phase Day	Litter ID	0			5000			10000			20000		
		Wt (g)	N		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD0		315.2 ± 3.0	11		317.7 ± 2.5	100.8	11	313.3 ± 2.6	99.4	8	314.9 ± 2.4	99.9	8
SD3		328.3 ± 3.2 **	11		327.9 ± 3.6	99.9	11	315.4 ± 2.2 *	96.1	8	306.9 ± 3.4 **	93.5	8
SD7		331.7 ± 3.5 **	11		332.9 ± 3.9	100.4	11	319.8 ± 2.9 *	96.4	8	313.2 ± 3.1 **	94.4	8
SD10		341.5 ± 3.7 **	11		343.3 ± 4.8	100.5	11	326.6 ± 3.9 *	95.6	8	322.7 ± 3.9 **	94.5	8
SD14		344.6 ± 4.0 **	11		337.6 ± 11.0	98.0	11	329.4 ± 4.2	95.6	8	324.2 ± 3.8 *	94.1	8
SD17		344.0 ± 4.8 **	11		347.1 ± 5.3	100.9	11	332.4 ± 4.4	96.6	8	327.1 ± 3.9 *	95.1	8
SD21		350.8 ± 4.7 **	11		353.3 ± 5.9	100.7	11	335.8 ± 3.8 *	95.7	8	334.1 ± 4.2 *	95.2	8
SD24		359.3 ± 5.3 **	11		360.4 ± 6.7	100.3	11	342.6 ± 4.0 *	95.3	8	340.7 ± 4.1 *	94.8	8
SD28		360.0 ± 6.5 **	11		366.3 ± 6.6	101.8	11	349.6 ± 3.4	97.1	8	346.7 ± 4.3	96.3	8
SD31		365.2 ± 9.1 **	11		374.8 ± 7.0	102.6	11	355.9 ± 3.5	97.5	8	351.8 ± 4.9	96.3	8
SD35		369.4 ± 7.8 **	11		376.6 ± 6.4	101.9	11	359.3 ± 4.1	97.3	8	356.2 ± 4.8	96.4	8
SD38		379.0 ± 7.3 **	11		384.3 ± 6.9	101.4	11	365.9 ± 4.7	96.5	8	363.0 ± 5.0	95.8	8
SD42		383.9 ± 6.5 **	11		388.2 ± 6.7	101.1	11	369.5 ± 5.0	96.3	8	366.4 ± 5.7	95.5	8

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**F0 Males**

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Phase Day	Litter ID	Treatment Groups (ppm)		
		40000		
		Wt (g)	% of CNTL	N
SD0		317.2 ± 3.2	100.6	11
SD3		293.9 ± 4.0 **	89.5	11
SD7		308.6 ± 3.1 **	93.1	11
SD10		319.0 ± 2.9 **	93.4	11
SD14		323.7 ± 4.3 *	93.9	10
SD17		324.9 ± 3.7 **	94.4	11
SD21		328.9 ± 4.6 **	93.7	11
SD24		335.6 ± 5.1 **	93.4	11
SD28		338.4 ± 5.6 **	94.0	11
SD31		347.0 ± 5.5	95.0	11
SD35		345.9 ± 6.1 **	93.6	11
SD38		352.5 ± 6.0 **	93.0	11
SD42		351.9 ± 8.4 **	91.7	11

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F0 Females

Treatment Groups (ppm)

Phase Day	Litter ID	0			5000			10000			20000		
		Wt (g)	N		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD0		208.5 ± 2.3	11		206.6 ± 3.1	99.0	11	204.0 ± 2.1	97.8	8	206.9 ± 2.8	99.2	8
SD3		216.3 ± 2.6 **	11		211.8 ± 1.9	97.9	11	208.8 ± 1.9	96.5	8	204.3 ± 3.1 **	94.5	8
SD7		216.4 ± 2.5 **	11		212.1 ± 2.7	98.0	11	209.0 ± 1.6	96.6	8	204.9 ± 3.9 *	94.7	8
SD10		220.4 ± 2.6 **	11		217.0 ± 3.6	98.5	11	214.2 ± 3.5	97.2	8	209.8 ± 3.2 *	95.2	8
SD14		220.0 ± 3.3 **	11		221.5 ± 4.1	100.7	11	220.4 ± 4.0	100.2	8	206.9 ± 2.5 *	94.1	8
GD0	A	223.8 ± 2.6 **	9		226.9 ± 2.0	101.4	11	229.1 ± 4.3	102.4	7	218.6 ± 4.2	97.7	6
GD6	A	255.7 ± 3.2 **	9		256.3 ± 1.8	100.2	11	258.4 ± 3.6	101.1	7	245.8 ± 3.3 *	96.1	6
GD12	A	277.7 ± 5.7 **	9		281.3 ± 1.5	101.3	11	285.0 ± 3.4	102.6	7	268.3 ± 5.0	96.6	6
GD18	A	322.2 ± 12.0 **	9		337.5 ± 2.8	104.8	11	336.6 ± 7.8	104.5	7	329.0 ± 7.6	102.1	6
GD20	A	350.7 ± 13.7 **	6		362.5 ± 3.6	103.4	8	360.8 ± 10.7	102.9	7	357.3 ± 6.2	101.9	6
LD0	A	290.7 ± 8.8 **	6		292.3 ± 2.8	100.6	8	294.2 ± 4.3	101.2	7	270.2 ± 5.0 **	93.0	7
LD4	A	288.2 ± 7.5 **	6		290.7 ± 3.3	100.8	8	293.6 ± 2.9	101.9	7	266.0 ± 5.1 **	92.3	7

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**F0 Females**

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Phase Day	Litter ID	Treatment Groups (ppm)		
		40000		
		Wt (g)	% of CNTL	N
SD0		207.3 ± 3.0	99.4	11
SD3		191.0 ± 3.2 **	88.3	11
SD7		197.8 ± 3.3 **	91.4	11
SD10		207.0 ± 3.1 **	93.9	11
SD14		206.4 ± 3.1 **	93.8	11
GD0	A	209.1 ± 3.6 **	93.4	10
GD6	A	235.2 ± 2.8 **	92.0	10
GD12	A	255.4 ± 2.9 **	92.0	10
GD18	A	301.9 ± 4.9	93.7	10
GD20	A	321.6 ± 7.4 *	91.7	7
LD0	A	256.6 ± 2.4 **	88.3	7
LD4	A	242.3 ± 3.7 **	84.0	7

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#### LEGEND

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Data are displayed as mean  $\pm$  SEM

Statistical analysis of weight data performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

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  $P \leq 0.01$

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day

In multigenerational studies bodyweights 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 would be B, C etc.

Decrease in N for SD 14 body weight for the F0 Male data in the 40000 ppm group is due to one male's body weight being excluded because it was an outlier.

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