

Study Number: R88007

Test Type: RACB - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

C Number:

R88007

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

I06: Mean Feed Consumption

Test Compound: Butyl Paraben

CAS Number: 94-26-8

Date Report Requested: 11/27/2018

Time Report Requested: 15:03:53

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F0 Males

Treatment Groups (ppm)

Phase	Litter ID	Days	0			5000			10000		
			Wt (g/animal/day)	Wt (g/kg/animal/day)	N	Wt (g/animal/day)	Wt (g/kg/animal/day)	N	Wt (g/animal/day)	Wt (g/kg/animal/day)	N
Study	0 - 3		20.7 ± 0.7 **	64.3 ± 1.8 **	11	19.6 ± 0.5	60.7 ± 1.2	11	18.2 ± 2.1	57.9 ± 6.6	8
	3 - 7		21.8 ± 0.8	65.9 ± 2.1	11	21.2 ± 0.5	64.1 ± 1.3	11	20.5 ± 0.6	64.6 ± 1.7	8
	7 - 10		20.8 ± 0.6	61.9 ± 1.4 **	11	20.6 ± 0.6	60.9 ± 1.1	11	19.1 ± 0.4	59.0 ± 1.0	8
	10 - 14		21.8 ± 0.7	63.6 ± 1.9	11	22.7 ± 1.3	67.4 ± 5.1	11	19.9 ± 0.8	60.5 ± 2.1	8
	0 - 14		21.4 ± 0.7 *	64.2 ± 1.6	11	21.2 ± 0.6	63.8 ± 1.6	11	19.5 ± 0.4	60.8 ± 1.3	8
	17 - 21		23.1 ± 1.9	66.0 ± 5.5	8	21.6 ± 0.4	60.5 ± 1.4	5	19.2 ± 0.5	59.1 ± 1.9	3
	21 - 24		21.1 ± 0.4	59.2 ± 0.7 *	10	20.7 ± 0.8	57.5 ± 1.5	9	19.9 ± 0.3	59.1 ± 1.4	6
	24 - 28		20.9 ± 0.6	57.8 ± 1.2 *	10	20.6 ± 0.6	56.7 ± 0.9	11	20.2 ± 0.2	58.8 ± 1.0	7
	28 - 31		19.4 ± 1.5	52.8 ± 3.6 **	10	20.6 ± 0.4	55.5 ± 0.9	11	19.9 ± 0.2	56.8 ± 0.7	7
	31 - 35		22.3 ± 0.6	60.9 ± 2.0	11	21.6 ± 0.5	57.5 ± 1.4	11	20.9 ± 0.7	58.5 ± 1.5	8
	35 - 38		21.9 ± 0.5	58.8 ± 1.9	11	21.1 ± 0.5	55.3 ± 0.8	11	20.3 ± 0.2	56.0 ± 0.8	8
	38 - 42		23.6 ± 0.7 *	62.1 ± 2.2	11	22.6 ± 0.8	58.8 ± 2.4	11	20.9 ± 0.6 *	56.9 ± 1.0	8

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F0 Males

Phase	Litter ID	Days	Treatment Groups (ppm)					
			20000			40000		
			Wt (g/animal/day)	Wt (g/kg/animal/day)	N	Wt (g/animal/day)	Wt (g/kg/animal/day)	N
Study		0 - 3	24.3 ± 4.1	77.5 ± 12.8	8	11.1 ± 2.4 **	36.2 ± 7.7 **	11
		3 - 7	20.0 ± 0.8	64.5 ± 2.5	8	21.3 ± 1.7	70.4 ± 5.4	11
		7 - 10	21.8 ± 0.9	68.7 ± 2.7 *	8	22.9 ± 1.4	73.0 ± 4.2 **	11
		10 - 14	20.8 ± 0.7	64.3 ± 2.1	8	22.2 ± 0.6	70.2 ± 2.2	11
		0 - 14	21.5 ± 0.9	68.0 ± 2.5	8	19.7 ± 0.9	63.4 ± 2.7	11
		17 - 21	20.8 ± 1.0	63.5 ± 2.3	4	21.4 ± 0.6	64.4 ± 1.3	6
		21 - 24	20.3 ± 0.5	60.2 ± 1.0	6	21.7 ± 1.5	65.4 ± 4.4	10
		24 - 28	21.0 ± 0.8	61.5 ± 2.6	7	20.3 ± 0.6	60.4 ± 0.9	10
		28 - 31	20.8 ± 0.8	60.0 ± 2.5	7	21.0 ± 0.6	61.5 ± 1.4 **	10
		31 - 35	21.5 ± 0.6	60.9 ± 1.5	8	21.3 ± 0.7	61.3 ± 1.4	11
		35 - 38	21.4 ± 0.7	59.5 ± 1.6	8	20.4 ± 0.5	58.3 ± 0.7	11
		38 - 42	21.7 ± 0.6	59.6 ± 1.9	8	21.7 ± 0.6	61.8 ± 1.3	11

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F0 Females

Treatment Groups (ppm)

Phase	Litter ID	Days	0			5000			10000		
			Wt (g/animal/day)	Wt (g/kg/animal/day)	N	Wt (g/animal/day)	Wt (g/kg/animal/day)	N	Wt (g/animal/day)	Wt (g/kg/animal/day)	N
Study		0 - 3	14.9 ± 0.4	70.1 ± 1.5	11	13.9 ± 0.5	66.3 ± 2.4	11	13.6 ± 1.9	66.0 ± 9.1	8
		3 - 7	15.8 ± 0.5	72.9 ± 2.2	11	14.2 ± 0.5	66.7 ± 2.1	11	14.4 ± 0.4	68.9 ± 1.7	8
		7 - 10	15.3 ± 0.7	70.1 ± 3.3 *	11	14.4 ± 0.5	67.2 ± 1.4	11	14.2 ± 0.6	66.8 ± 2.2	8
		10 - 14	15.7 ± 0.6	71.1 ± 2.4	11	15.2 ± 0.4	69.4 ± 1.3	11	16.4 ± 0.5	75.4 ± 1.7	8
		0 - 14	15.4 ± 0.4	71.4 ± 1.5 *	11	14.5 ± 0.3	67.6 ± 1.0	11	14.8 ± 0.5	69.8 ± 2.3	8
Gestation	A	0 - 6	22.1 ± 3.3	91.8 ± 13.2	9	18.8 ± 0.4	77.7 ± 1.7	11	18.7 ± 0.7	76.8 ± 3.5	7
		6 - 12	19.9 ± 0.6	74.4 ± 1.4	9	19.9 ± 0.3	74.1 ± 1.1	11	20.6 ± 0.6	75.7 ± 2.3	7
		12 - 18	19.6 ± 2.0	64.2 ± 6.1 *	9	21.7 ± 0.6	70.2 ± 1.8	11	23.1 ± 0.4	74.4 ± 1.5	7
		18 - 20	24.2 ± 1.0	73.8 ± 7.4	6	23.9 ± 0.5	68.6 ± 1.4	8	24.8 ± 1.1	71.2 ± 2.4	7
		0 - 20	20.7 ± 2.0	72.6 ± 5.7	6	20.3 ± 0.4	69.7 ± 1.3	8	21.2 ± 0.4	72.2 ± 1.8	7
Lactation	A	0 - 4	27.5 ± 1.3	94.8 ± 2.9 *	6	29.0 ± 1.6	99.5 ± 5.0	8	30.9 ± 3.4	104.8 ± 11.2	7

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F0 Females

Phase	Litter ID	Days	Treatment Groups (ppm)					
			20000			40000		
			Wt (g/animal/day)	Wt (g/kg/animal/day)	N	Wt (g/animal/day)	Wt (g/kg/animal/day)	N
Study		0 - 3	17.2 ± 3.4	83.9 ± 16.5	8	20.6 ± 4.3	101.2 ± 20.5	11
		3 - 7	14.7 ± 1.3	71.8 ± 6.6	8	16.3 ± 1.9	84.8 ± 10.7	11
		7 - 10	16.3 ± 1.3	78.6 ± 6.8	7	22.5 ± 3.9	110.3 ± 18.7	11
		10 - 14	14.6 ± 0.8	70.2 ± 4.1	8	15.5 ± 0.7	75.0 ± 3.3	11
		0 - 14	15.5 ± 0.6	75.5 ± 3.5	8	18.3 ± 1.5	90.2 ± 6.6	11
Gestation	A	0 - 6	17.9 ± 0.7	77.2 ± 2.7	6	23.1 ± 2.0	103.9 ± 8.6	10
		6 - 12	16.0 ± 2.1	61.8 ± 7.7	6	22.7 ± 2.4	92.3 ± 9.4	10
		12 - 18	24.3 ± 3.5	82.2 ± 13.5	6	27.2 ± 2.6	97.6 ± 9.3	10
		18 - 20	23.7 ± 1.4	69.2 ± 4.6	6	21.1 ± 0.7	67.9 ± 2.6	7
		0 - 20	19.8 ± 0.7	70.0 ± 2.7	6	24.9 ± 2.4	93.4 ± 8.6	7
Lactation	A	0 - 4	28.9 ± 1.7	107.5 ± 5.8	7	33.4 ± 3.1	133.5 ± 12.2	7

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LEGEND

Reported as the mean \pm SEM. N is the number of animals, number of cages for group housed adult animals or number of litters.

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (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 $P \leq 0.01$

Consumption is not reported for the non-pregnant animals during gestation and lactation phases

Consumption is not reported for animals during mating

Consumption data is not analyzed for lactation periods that end after LD 14 due to possible consumption by pups.

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

**** END OF REPORT ****