

Study Number: R88007
Test Type: RACB - Range Finding
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19G: Pup Mean Body Weight Gain
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 12/06/2018
Time Report Requested: 14:40:03
Lab: RTI

C Number: R88007
Study Gender: Both
PWG Approval Date See web page for date of PWG Approval

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F0 Pups

Treatment Groups (ppm)

Phase	Litter ID	Days	0		5000		10000		20000	
			WT Gain (g)	N (# of pups)	WT Gain (g)	N (# of pups)	WT Gain (g)	N (# of pups)	WT Gain (g)	N (# of pups)
PND	A	0 - 4	3.19 ± 0.26 *	6 (69)	4.00 ± 0.19	8 (94)	4.26 ± 0.41 *	7 (74)	3.84 ± 0.24	6 (81)

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F0 Pups

Phase	Litter ID	Days	Treatment Groups (ppm)	
			40000	
			WT Gain (g)	N (# of pups)
PND	A	0 - 4	2.80 ± 0.21	7 (81)

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F0 Males

Treatment Groups (ppm)

Phase	Litter ID	Days	0		5000		10000		20000	
			WT Gain (g)	N (# of pups)	WT Gain (g)	N (# of pups)	WT Gain (g)	N (# of pups)	WT Gain (g)	N (# of pups)
PND	A	0 - 4	3.18 ± 0.30	6 (39)	4.17 ± 0.19	8 (46)	4.37 ± 0.43 *	7 (44)	3.94 ± 0.25	6 (47)

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F0 Males

Phase	Litter ID	Days	Treatment Groups (ppm)	
			40000	
			WT Gain (g)	N (# of pups)
PND	A	0 - 4	3.03 ± 0.22	7 (40)

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F0 Females

Treatment Groups (ppm)

Phase	Litter ID	Days	0		5000		10000		20000	
			WT Gain (g)	N (# of pups)	WT Gain (g)	N (# of pups)	WT Gain (g)	N (# of pups)	WT Gain (g)	N (# of pups)
PND	A	0 - 4	3.09 ± 0.25 **	6 (30)	3.73 ± 0.19	8 (48)	4.38 ± 0.29 **	6 (30)	3.63 ± 0.23	6 (34)

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F0 Females

Phase	Litter ID	Days	Treatment Groups (ppm)	
			40000	
			WT Gain (g)	N (# of pups)
PND	A	0 - 4	2.52 ± 0.25	7 (41)

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LEGEND

N(# of pups) = the number of litters examined (number of pups)

PND4 weights are precull if litters are culled on postnatal day 4.

Data are displayed as the means and standard errors of the litter means.

PND - Postnatal Day, pups pre-weaning

Pup weights are adjusted for covariate litter size using total live on PND 1.

Statistical analysis was performed using mixed models with dam ID as a random effect for both trend and pairwise tests, using Dunnett-Hsu adjustment for multiple comparisons.

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

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

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 ****