

Study Number: R88007

Test Type: RACB - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

C Number:

Study Gender:

PWG Approval Date

R19: Pup 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: 12/06/2018

Time Report Requested: 14:40:00

Lab: RTI

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F0 Pups

Treatment Groups (ppm)

Phase	Litter ID	0		5000			10000		
		WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND0	A	6.01 ± 0.27	6 (71)	6.01 ± 0.09	99.93	8 (97)	6.54 ± 0.14	108.80	7 (74)
PND4	A	9.20 ± 0.48 *	6 (69)	9.98 ± 0.26	108.43	8 (94)	10.77 ± 0.50 *	116.99	7 (74)

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F0 Pups

Phase	Litter ID	Treatment Groups (ppm)					
		20000			40000		
		WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND0	A	6.14 ± 0.07	102.09	6 (81)	5.71 ± 0.14	94.96	7 (84)
PND4	A	9.62 ± 0.43	104.55	7 (96)	8.49 ± 0.33	92.21	7 (81)

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F0 Males

Treatment Groups (ppm)

Phase	Litter ID	0		5000			10000		
		WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND0	A	6.10 ± 0.31	6 (41)	6.17 ± 0.10	101.22	8 (49)	6.73 ± 0.16	110.39	7 (44)
PND4	A	9.31 ± 0.50 *	6 (39)	10.33 ± 0.26	110.91	8 (46)	11.06 ± 0.55 *	118.78	7 (44)

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F0 Males

Phase	Litter ID	Treatment Groups (ppm)					
		20000			40000		
		WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND0	A	6.22 ± 0.10	102.02	6 (47)	5.82 ± 0.18	95.49	7 (42)
PND4	A	9.80 ± 0.45	105.25	7 (55)	8.83 ± 0.38	94.84	7 (40)

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F0 Females

Treatment Groups (ppm)

Phase	Litter ID	0		5000			10000		
		WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND0	A	5.89 ± 0.21	6 (30)	5.78 ± 0.09	98.21	8 (48)	6.26 ± 0.17	106.29	6 (30)
PND4	A	8.95 ± 0.46 *	6 (30)	9.49 ± 0.26	105.98	8 (48)	10.62 ± 0.42 *	118.64	6 (30)

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F0 Females

Phase	Litter ID	Treatment Groups (ppm)					
		20000			40000		
		WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND0	A	6.00 ± 0.04	101.91	6 (34)	5.58 ± 0.11	94.79	7 (42)
PND4	A	9.29 ± 0.39	103.74	7 (41)	8.08 ± 0.33	90.28	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 ****