

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

R03: Summary of Litter Data

Test Compound: Butyl Paraben

CAS Number: 94-26-8

Date Report Requested: 11/27/2018

Time Report Requested: 15:30:59

Lab: RTI

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F1 Pups

Treatment Groups (ppm)

Litter ID		0	5000	10000	20000	40000
A	Total Litter Size ^a					
	PND 0	12.3 ± 0.7 (6)	13.5 ± 0.9 (8)	10.7 ± 2.0 (7)	14.1 ± 1.1 (7)	12.4 ± 0.9 (7)
	Live Litter Size ^a					
	PND 0	11.8 ± 0.8 (6)	12.1 ± 0.9 (8)	10.6 ± 2.1 (7)	13.7 ± 1.3 (7)	12.0 ± 1.1 (7)
	PND 1	11.7 ± 0.8 (6)	11.9 ± 0.9 (8)	10.6 ± 2.1 (7)	13.7 ± 1.3 (7)	12.0 ± 1.1 (7)
	PND 4	11.7 ± 0.8 (6)	11.9 ± 0.9 (8)	10.6 ± 2.1 (7)	13.7 ± 1.3 (7)	11.7 ± 1.2 (7)
	Total Dead ^a					
	PND 0	0.50 ± 0.34 (6)	1.38 ± 0.50 (8)	0.14 ± 0.14 (7)	0.43 ± 0.20 (7)	0.43 ± 0.30 (7)
	PND 1 - 4	0.17 ± 0.17 (6)	0.25 ± 0.16 (8)	0.00 ± 0.00 (7)	0.00 ± 0.00 (7)	0.29 ± 0.29 (7)
	Survival Ratio ^a					
	PND 0	0.96 ± 0.03 (6)	0.90 ± 0.03 (8)	0.95 ± 0.05 (7)	0.96 ± 0.02 (7)	0.96 ± 0.03 (7)
	PND 1 - 4	0.99 ± 0.01 (6)	0.98 ± 0.01 (8)	1.00 ± 0.00 (7)	1.00 ± 0.00 (7)	0.97 ± 0.03 (7)

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LEGEND

Data are displayed as the means and standard errors of the litter means, N is number of litters

All calculations are based on the last litter observation of the day

^aF1 litter size and survival endpoints were analyzed using Jonckheere's test for trend and Shirley's or Dunn's methods for pairwise comparison of controls to dose groups.

* 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 ****