

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R21: Cross Generational Summary of Reproductive Performance

Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 12/10/2018
Time Report Requested: 11:19:12
Lab: RTI

C Number:

R88007B

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

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	F0				F1			
	Treatment Groups (ppm)				Treatment Groups (ppm)			
	0	5000	15000	40000	0	5000	15000	40000
Females Mated^a/Paired								
Average	97.0	96.8	97.0	98.5	80.7	83.0	87.7	93.6
A Litter	21/22 (95.5)	21/22 (95.5)	20/22 (90.9)	22/22 (100.0)	27/40 (67.5) *	27/40 (67.5) *	32/39 (82.1)	23/26 (88.5)
B Litter	22/22 (100.0)	19/20 (95.0)	22/22 (100.0)	21/22 (95.5)	34/40 (85.0)	32/38 (84.2)	32/37 (86.5)	25/26 (96.2)
C Litter	21/22 (95.5)	19/19 (100.0)	22/22 (100.0)	22/22 (100.0)	34/38 (89.5)	34/35 (97.1)	35/37 (94.6)	25/26 (96.2)
Females Littered/Paired								
Average	89.4	81.7	90.9	83.3	73.6	75.5	82.6	92.3
A Litter	19/22 (86.4)	18/22 (81.8)	19/22 (86.4)	19/22 (86.4)	25/40 (62.5)	24/38 (63.2)	30/37 (81.1)	23/26 (88.5)
B Litter	20/22 (90.9)	17/19 (89.5)	21/22 (95.5)	19/22 (86.4)	33/40 (82.5)	28/36 (77.8)	30/37 (81.1)	25/26 (96.2)
C Litter	20/22 (90.9)	14/19 (73.7)	20/22 (90.9)	17/22 (77.3)	28/37 (75.7)	30/35 (85.7)	30/35 (85.7)	24/26 (92.3)
Females Littered/Mated^a								
Average	92.2	84.6	93.8	84.7	90.7	90.3	93.8	98.7
A Litter	19/21 (90.5)	18/21 (85.7)	19/20 (95.0)	19/22 (86.4)	25/27 (92.6)	24/26 (92.3)	30/31 (96.8)	23/23 (100.0)
B Litter	20/22 (90.9)	17/18 (94.4)	21/22 (95.5)	19/21 (90.5)	33/34 (97.1)	28/31 (90.3)	30/32 (93.8)	25/25 (100.0)
C Litter	20/21 (95.2)	14/19 (73.7)	20/22 (90.9)	17/22 (77.3)	28/34 (82.4)	30/34 (88.2)	30/33 (90.9)	24/25 (96.0)

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LEGEND

All litter data are shown as a Count (percentage)

All averages shown as a percentage only

^aFemales with evidence of mating, i.e. sperm positive, copulation plug positive or pregnant

Animals removed from study between mating and littering excluded from calculations of percent littered females

Pairwise tests between generations for each dose group were performed using the Rao-Scott Cochran-Armitage test.

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****