

Study Number: R10997
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R21: Cross Generational Summary of Reproductive Performance

Test Compound: Diisobutyl Phthalate

CAS Number: 84-69-5

Date Report Requested: 03/28/2019

Time Report Requested: 15:16:24

Lab: RTI

C Number:

R10997

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	1000	5000	10000	0	1000	5000	10000
Females Mated^a/Paired								
Average	97.1	100.0	100.0	97.0	92.5	93.3	87.8	92.5
A Litter	23/23 (100.0)	23/23 (100.0)	23/23 (100.0)	22/23 (95.7)	35/40 (87.5)	35/40 (87.5)	33/40 (82.5)	35/40 (87.5)
B Litter	22/23 (95.7)	23/23 (100.0)	23/23 (100.0)	23/23 (100.0)	37/40 (92.5)	38/40 (95.0)	34/38 (89.5)	38/40 (95.0)
C Litter	22/23 (95.7)	23/23 (100.0)	21/21 (100.0)	21/22 (95.5)	37/38 (97.4)	39/40 (97.5)	32/35 (91.4)	38/40 (95.0)
Females Littered/Paired								
Average	91.3	98.6	97.1	95.6	85.5	82.5	85.3	80.0
A Litter	21/23 (91.3)	23/23 (100.0)	21/23 (91.3)	22/23 (95.7)	32/40 (80.0)	31/40 (77.5)	32/38 (84.2)	29/40 (72.5)
B Litter	21/23 (91.3)	23/23 (100.0)	21/21 (100.0)	22/23 (95.7)	35/39 (89.7)	31/40 (77.5)	31/36 (86.1)	33/40 (82.5)
C Litter	21/23 (91.3)	22/23 (95.7)	20/20 (100.0)	21/22 (95.5)	33/38 (86.8)	37/40 (92.5)	30/35 (85.7)	34/40 (85.0)
Females Littered/Mated^a								
Average	94.1	98.6	97.1	98.6	92.6	88.3	96.9	86.4
A Litter	21/23 (91.3)	23/23 (100.0)	21/23 (91.3)	22/22 (100.0)	32/35 (91.4)	31/35 (88.6)	32/32 (100.0)	29/35 (82.9)
B Litter	21/22 (95.5)	23/23 (100.0)	21/21 (100.0)	22/23 (95.7)	35/36 (97.2)	31/38 (81.6)	31/32 (96.9)	33/38 (86.8)
C Litter	21/22 (95.5)	22/23 (95.7)	20/20 (100.0)	21/21 (100.0)	33/37 (89.2)	37/39 (94.9)	30/32 (93.8)	34/38 (89.5)

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LEGEND

All litter data are shown as a Count (percentage)

Generation averages are displayed as a percentage only. No pairwise tests were performed.

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

Animals removed after the cohabitation period but prior to expected littering such as biological sampling animals removed on GD 18 are excluded from littering calculations.

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 ****