

Study Number: MOG08002B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R11: Fetal Defect Summary
Test Compound: Bisphenol AF
CAS Number: 1478-61-1

Date Report Requested: 07/17/2020
Time Report Requested: 11:01:41
Lab: RTI

Study Number:

MOG08002B

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

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F1 Female: Prenatal Females

Treatment Groups (ppm)

0 338 1125

All Exams

No. Fetuses	234	265	102
No. Litters	16	20	14
Malformation			
Affected fetuses	1 (0.43)	9 (3.40)	2 (1.96)
Affected litters	1 (6.25)	6 (30.00)	1 (7.14)
Variation			
Affected fetuses	27 (11.54) #	51 (19.25)	28 (27.45) #
Affected litters	11 (68.75)	15 (75.00)	11 (78.57)

External

No. Fetuses	234	265	102
No. Litters	16	20	14
Malformation			
Affected fetuses	0 (0.00)	1 (0.38)	0 (0.00)
Affected litters	0 (0.00)	1 (5.00)	0 (0.00)

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0 338 1125

Visceral

No. Fetuses	234	265	102
No. Litters	16	20	14
Malformation			
Affected fetuses	1 (0.43)	4 (1.51)	2 (1.96)
Affected litters	1 (6.25)	2 (10.00)	1 (7.14)
Variation			
Affected fetuses	16 (6.84)	32 (12.08)	12 (11.76)
Affected litters	7 (43.75)	9 (45.00)	6 (42.86)

Head

No. Fetuses	117	127	48
No. Litters	16	19	13
Variation			
Affected fetuses	0 (0.00)	0 (0.00)	4 (8.33)
Affected litters	0 (0.00)	0 (0.00)	4 (30.77)

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Treatment Groups (ppm)

0 338 1125

Skeletal - Body

No. Fetuses	234	265	102
No. Litters	16	20	14
Malformation			
Affected fetuses	0 (0.00)	4 (1.51)	0 (0.00)
Affected litters	0 (0.00)	3 (15.00)	0 (0.00)
Variation			
Affected fetuses	12 (5.13)	21 (7.92)	16 (15.69)
Affected litters	7 (43.75)	11 (55.00)	5 (35.71)

Skeletal - Skull

No. Fetuses	117	132	54
No. Litters	16	20	14

NO VISIBLE LESIONS PRESENT

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LEGEND

Upper row denotes number of affected fetuses (%) and lower row the number of affected litters (%)

Trend and pairwise significance levels are determined using one-sided tests.

Statistical analysis for fetal data including litter effects were performed by using a Rao-Scott modification to the Cochran-Armitage test where the litter was the random effect for both trend and pairwise analysis.

Statistically significant at $P \leq 0.05$ (litter based analysis)

Statistically significant at $P \leq 0.01$ (litter based analysis)

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

The F1 3750 ppm animals were unable to produce a F2 generation, hence this group was not evaluated.

**** END OF REPORT ****