

Study Number: MOG002B

Test Type: MOG

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

C Number:

Study Gender:

PWG Approval Date

R13: Fetal Defect Cross Reference Summary

Test Compound: 2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

MOG002B

Both

See web page for date of PWG Approval

Date Report Requested: 10/04/2018

Time Report Requested: 08:38:04

Lab: RTI

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	Treatment Groups (ppm)				
	0	3000	10000	30000	0.05 ppm EE
Total number of fetuses examined	269	234	228	225	174
Total number of dams examined	18	16	18	17	15

Defect	Classification	Animal ID				
External						
No. Fetuses Examined		269	234	228	225	174
No. Dams Examined		18	16	18	17	15
body						
Anus, Atresia	Malformation				1950(1)	
general						
Torso, Hematoma	Variation				1966(1)	
limbs						
Limb, bilateral hind, Clubbed limb	Malformation				1950(1)	
placenta						
Placenta, Fused	Gross Finding	1028(1,2)		1648(11,12)	1942(7,8), 1950(1,3,5,6,11,12,14,15)	

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tail						
Tail, Agenesis	Malformation				1950(1)	

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		Treatment Groups (ppm)				
		0	3000	10000	30000	0.05 ppm EE
Skeletal - Body						
No. Fetuses Examined		269	233	228	225	174
No. Dams Examined		18	16	18	17	15
general						
General, Multiple rib abnormalities	Malformation				1950(1)	
General, Multiple vertebral abnormalities	Malformation				1950(1)	
ribs						
Rib, bilateral, Lumbar I full	Malformation		1426(2)			
Rib, bilateral, Lumbar I rudimentary, Normal cartilage	Variation	1020(13), 1036(3)	1304(11), 1354(5,7,9,11,15), 1370(8), 1378(8)	1680(8,9)	1928(3), 1990(11)	
Rib, bilateral, Lumbar I rudimentary	Variation			1716(4)		
Rib, left, Lumbar I rudimentary, Normal cartilage	Variation	1086(5,7), 1124(10), 1152(14), 1164(10)	1370(10), 1386(1), 1402(5), 1418(5,6), 1426(4,13)	1604(14), 1616(8), 1688(14), 1708(7,8), 1716(1,10)	1950(16), 1982(11), 1990(12), 2024(4)	2240(1), 2302(9,11), 2310(12)
Rib, right, Lumbar I full	Malformation		1426(4)	1708(7)		
Rib, right, Lumbar I rudimentary, Normal cartilage	Variation	1102(17), 1144(9)	1370(3,11,13,15), 1418(10,12), 1426(6), 1442(2,9)	1680(7), 1688(19,20)	1920(12), 1982(6), 2010(4,7,13), 2024(3)	2240(5), 2294(6)
Rib, right, Misaligned	Malformation	1164(4)				

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		Treatment Groups (ppm)				
		0	3000	10000	30000	0.05 ppm EE
sternebrae						
Sternebra II, Incomplete ossification	Variation	1036(2)			1904(8), 1950(3)	
Sternebra II, Misaligned (>2, not V)	Variation					2264(10)
Sternebra III, Incomplete ossification	Variation	1036(2)				
Sternebra IV, Incomplete ossification	Variation	1036(2)				
Sternebra V, Incomplete ossification	Variation	1020(8), 1036(2)		1680(12)	1942(7), 1950(3,15)	2204(1), 2282(13)
Sternebra V, Unossified	Variation		1316(16)			2264(10)
Sternebra VI, Incomplete ossification	Variation				1920(5)	2264(10)
Sternebra(e), Extra ossification site between sternebrae	Variation	1012(15)			1904(10)	
Sternebra(e), Fused	Malformation				1950(1)	
Sternebra(e), Misaligned (>2, not V)	Variation				1950(15)	
thoracic vertebrae						
Thoracic centrum, Bipartite ossification, Dumbbell cartilage	Variation	1020(13,15), 1070(6), 1124(2)			1934(13), 2002(8)	
Thoracic centrum, Dumbbell ossification, Dumbbell cartilage	Variation	1012(7,17), 1020(2,13), 1124(2)	1332(3)	1756(9)	1904(6), 1920(9), 1966(4)	2294(12), 2310(3)
Thoracic centrum, Dumbbell ossification, Normal cartilage	Variation	1124(1)	1304(13)	1616(7,9), 1680(4), 1740(4)	1920(10)	2240(1), 2302(8)

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	Treatment Groups (ppm)				
	0	3000	10000	30000	0.05 ppm EE
	Skeletal - Skull				
No. Fetuses Examined	136	122	116	113	85
No. Dams Examined	18	16	17	17	15
skull					
Parietal, Incomplete ossification	Variation			1934(1), 2032(9)	

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LEGEND

Findings are reported by dam ID number (fetal ID number)

EE = Ethinyl estradiol

**** END OF REPORT ****