

Study Number: MOG002B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA46R: Summary of Gross Pathology with Litter Incidence
Test Compound: 2-Hydroxy-4-methoxybenzophenone
CAS Number: 131-57-7

Date Report Requested: 08/12/2020
Time Report Requested: 09:32:58
Lab: RTI

Study Number:

MOG002B

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

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F0 Female					
	Treatment Groups (ppm)				
	0	3000	10000	30000	0.05 ppm EE
Disposition Summary					
Animals Initially In Study	25	25	25	25	25
Early Deaths					
Euthanized, moribund					1
Scheduled Deaths					
Scheduled sacrifice, terminal (GD 24, LD 4 - 28, SD 24 - 27)	25	25	25	25	24
Number of Animals Examined	25	25	25	25	25
ALIMENTARY SYSTEM					
LIVER	(25)	(25)	(25)	(25)	(25)
DISCOLORATION; MODERATE, MOTTLED					1 (4.0%)
ENLARGED; MODERATE					1 (4.0%)
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
ADRENAL GLANDS	(25)	(25)	(25)	(25)	(25)
BILATERAL; ENLARGED; MODERATE					1 (4.0%)
GENERAL BODY SYSTEM					
None					

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F0 Female

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
GENITAL SYSTEM					
UTERINE HORN	(25)	(25)	(25)	(25)	(25)
BILATERAL; DILATION; MODERATE			1 (4.0%)	1 (4.0%)	
LEFT; DILATION; CLEAR, MILD				1 (4.0%)	
DILATION; MILD				1 (4.0%)	
BILATERAL; FLUID; CLEAR, MODERATE			1 (4.0%)	2 (8.0%)	
BILATERAL; FLUID; CLOUDY, MILD				1 (4.0%)	
LEFT; FLUID; CLEAR, MILD				1 (4.0%)	
VAGINA	(25)	(25)	(25)	(25)	(25)
DILATION; MODERATE				1 (4.0%)	
FLUID; CLOUDY, MODERATE	0 *			2 (8.0%)	
HEMATOLYMPHOID SYSTEM					
SPLEEN	(25)	(25)	(25)	(25)	(25)
ENLARGED; MODERATE					1 (4.0%)
NODULE					1 (4.0%)
INTEGUMENTARY SYSTEM					
MAMMARY GLANDS	(25)	(25)	(25)	(25)	(25)
INGUINAL; RIGHT; MASS; FIRM				1 (4.0%)	
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					

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F0 Female

Treatment Groups (ppm)

0 3000 10000 30000 0.05 ppm EE

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

KIDNEYS	(25)	(25)	(25)	(25)	(25)
BILATERAL; DISCOLORATION; MILD, PALE				1 (4.0%)	
BILATERAL; DISCOLORATION; MODERATE, PALE				1 (4.0%)	
RIGHT; DISCOLORATION; MODERATE, PALE				1 (4.0%)	

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F1 Male: Prenatal Male

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
Disposition Summary					
Animals Initially In Study	23	20	22	20	15
Early Deaths					
Scheduled Deaths					
Scheduled sacrifice, terminal (PND 111 - 113)	23	20	22	20	15
Number of Animals Examined	23	20	22	20	15
Total number litters	22	20	21	20	15
ALIMENTARY SYSTEM					
LIVER	(23)	(20)	(22)	(20)	(15)
CAUDATE PROCESS; DISCOLORATION; DARK, MODERATE	1 (4.3%) [1]			1 (5.0%) [1]	
CAUDATE PROCESS; THICKENED; MILD				1 (5.0%) [1]	
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
None					

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F1 Male: Prenatal Male

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
GENITAL SYSTEM					
COWPERS GLANDS	(23)	(20)	(22)	(20)	(15)
RIGHT; MISSING		1 (5.0%) [1]			
PENIS	(23)	(20)	(22)	(20)	(15)
DISCHARGE; GREEN, MODERATE				1 (5.0%) [1]	
FRENULUM PRESENT				1 (5.0%) [1]	
HYPOSPADIAS				1 (5.0%) [1]	
PREPUTIAL GLANDS	(23)	(20)	(22)	(20)	(15)
DISCOLORATION; MINIMAL, TAN	1 (4.3%) [1]				1 (6.7%) [1]
BILATERAL; ENLARGED; MILD					1 (6.7%) [1]
BILATERAL; ENLARGED; MINIMAL	1 (4.3%) [1]				
RIGHT; ENLARGED; MILD		1 (5.0%) [1]			
HEMATOLYMPHOID SYSTEM					
None					
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					

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F1 Male: Prenatal Male

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
URINARY SYSTEM					
KIDNEYS	(23)	(20)	(22)	(20)	(15)
BILATERAL; DISCOLORATION; DARK, MINIMAL	0 **			3 (15.0%) [3]	
BILATERAL; DISCOLORATION; DARK, MODERATE				1 (5.0%) [1]	
BILATERAL; DISCOLORATION; MODERATE, MOTTLED				1 (5.0%) [1]	
LEFT; CORTEX; DISCOLORATION; MILD, PALE				1 (5.0%) [1]	
LEFT; DISCOLORATION; MINIMAL, PALE				1 (5.0%) [1]	
RIGHT; CORTEX; DISCOLORATION; MILD, PALE	0 *			2 (10.0%) [2]	
BILATERAL; ENLARGED; MILD				1 (5.0%) [1]	
BILATERAL; ENLARGED; MINIMAL	0 *			2 (10.0%) [2]	
BILATERAL; ENLARGED; MODERATE	0 *			2 (10.0%) [2]	
RIGHT; ENLARGED; MILD				1 (5.0%) [1]	
KIDNEYS, PELVIS	(23)	(20)	(22)	(20)	(15)
RIGHT; DILATION; MINIMAL			1 (4.5%) [1]		
RIGHT; DILATION; MODERATE			1 (4.5%) [1]		
URINARY BLADDER	(23)	(20)	(22)	(20)	(15)
DISCOLORATION; BROWN, MILD	0 **			3 (15.0%) [3]	
DISCOLORATION; BROWN, MINIMAL	0 **			5 (25.0%) [5] *	
DISCOLORATION; BROWN, MODERATE				1 (5.0%) [1]	

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F1 Female: Prenatal Female

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
Disposition Summary					
Animals Initially In Study	22	20	22	20	15
Early Deaths					
Scheduled Deaths					
Scheduled sacrifice, terminal (GD 20 - 21, PND 109 - 123)	22	20	22	20	15
Number of Animals Examined	3	3	3	2	
Total number litters	3	3	3	2	

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

UTERUS	(3)	(3)	(3)	(2)	(0)
LEFT; CYST; CLEAR		1 (33.3%) [1]			

HEMATOLYMPHOID SYSTEM

None

INTEGUMENTARY SYSTEM

None

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F1 Female: Prenatal Female

Treatment Groups (ppm)

0 3000 10000 30000 0.05 ppm EE

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

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F1 Male: Fertility Male

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
Disposition Summary					
Animals Initially In Study	41	40	40	40	30
Early Deaths					
Scheduled Deaths					
Scheduled sacrifice, terminal (PND 153 - 155)	41	40	40	40	30
Number of Animals Examined	41	40	40	40	30
Total number litters	22	20	21	20	15
ALIMENTARY SYSTEM					
LIVER	(41)	(40)	(40)	(40)	(30)
LATERAL LOBE; LEFT; DISCOLORATION; MILD, PALE				1 (2.5%) [1]	
LATERAL LOBE; DISCOLORATION; MODERATE, PALE					1 (3.3%) [1]
MEDIAL LOBE; NODULE			1 (2.5%) [1]		
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
FAT	(41)	(40)	(40)	(40)	(30)
ABDOMINAL; DISCOLORATION; BROWN, MILD				1 (2.5%) [1]	
DISCOLORATION; MILD, YELLOW					1 (3.3%) [1]

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F1 Male: Fertility Male

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
GENITAL SYSTEM					
EPIDIDYMIDES	(41)	(40)	(40)	(40)	(30)
BILATERAL; REDUCED IN SIZE; MILD			1 (2.5%) [1]	1 (2.5%) [1]	
PREPUTIAL GLANDS	(41)	(40)	(40)	(40)	(30)
BILATERAL; DISCOLORATION; GREEN, MINIMAL		1 (2.5%) [1]			
BILATERAL; DISCOLORATION; MILD, TAN	3 (7.3%) [3]	1 (2.5%) [1]	2 (5.0%) [2]	3 (7.5%) [3]	3 (10.0%) [2]
BILATERAL; DISCOLORATION; MINIMAL, TAN		2 (5.0%) [2]	1 (2.5%) [1]	1 (2.5%) [1]	1 (3.3%) [1]
LEFT; DISCOLORATION; MILD, TAN	1 (2.4%) [1]				
RIGHT; DISCOLORATION; GREEN, MILD	1 (2.4%) [1]				
RIGHT; DISCOLORATION; MILD, TAN	1 (2.4%) [1]				
RIGHT; DISCOLORATION; MINIMAL, TAN		1 (2.5%) [1]			
RIGHT; DISCOLORATION; MODERATE, TAN	1 (2.4%) [1]				
LEFT; ENLARGED; MILD					1 (3.3%) [1]
LEFT; NODULE			1 (2.5%) [1]		
TESTES	(41)	(40)	(40)	(40)	(30)
BILATERAL; REDUCED IN SIZE; MILD			1 (2.5%) [1]		
BILATERAL; REDUCED IN SIZE				1 (2.5%) [1]	
HEMATOLYMPHOID SYSTEM					
SPLEEN	(41)	(40)	(40)	(40)	(30)
ENLARGED; MODERATE		1 (2.5%) [1]			
INTEGUMENTARY SYSTEM					
SKIN	(41)	(40)	(40)	(40)	(30)
BILATERAL; FORELIMB; ALOPECIA; MILD				1 (2.5%) [1]	
NECK; ULCER; MINIMAL			1 (2.5%) [1]		

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F1 Male: Fertility Male

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
MUSCULOSKELETAL SYSTEM					
BONE	(41)	(40)	(40)	(40)	(30)
DEFORMITY; MODERATE			1 (2.5%) [1]		
DIAPHRAGM	(41)	(40)	(40)	(40)	(30)
MEDIAL LOBE; HERNIA; MILD					1 (3.3%) [1]
MEDIAL LOBE; HERNIA; MINIMAL				1 (2.5%) [1]	

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

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F1 Male: Fertility Male

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
URINARY SYSTEM					
KIDNEYS	(41)	(40)	(40)	(40)	(30)
LEFT; CYST; 3, CLEAR				1 (2.5%) [1]	
LEFT; PELVIS; DILATION; MILD				1 (2.5%) [1]	
RIGHT; PELVIS; DILATION; MILD	1 (2.4%) [1]				
BILATERAL; DISCOLORATION; DARK, MILD	0 **			9 (22.5%) [8] *	
BILATERAL; DISCOLORATION; DARK, MINIMAL				2 (5.0%) [2]	
BILATERAL; DISCOLORATION; DARK, MODERATE	0 *			4 (10.0%) [4]	
BILATERAL; DISCOLORATION; MILD, PALE				1 (2.5%) [1]	
LEFT; DISCOLORATION; DARK, MODERATE				1 (2.5%) [1]	
LEFT; DISCOLORATION; MILD, PALE				1 (2.5%) [1]	
LEFT; DISCOLORATION; MINIMAL, PALE				1 (2.5%) [1]	
RIGHT; DISCOLORATION; DARK, MILD				1 (2.5%) [1]	
RIGHT; DISCOLORATION; DARK, MINIMAL				2 (5.0%) [2]	
RIGHT; DISCOLORATION; DARK, MODERATE				1 (2.5%) [1]	
RIGHT; DISCOLORATION; MILD, PALE				2 (5.0%) [2]	
BILATERAL; ENLARGED; MILD			1 (2.5%) [1]	1 (2.5%) [1]	
BILATERAL; CORTEX; LESION; MILD, ROUGHENED			1 (2.5%) [1]		
BILATERAL; PELVIS; SUBSTANCE; MILD, RED				1 (2.5%) [1]	
RIGHT; PELVIS; SUBSTANCE; BROWN, MILD				1 (2.5%) [1]	
RIGHT; PELVIS; SUBSTANCE; MILD, RED				1 (2.5%) [1]	
RIGHT; PELVIS; SUBSTANCE; MODERATE, RED				1 (2.5%) [1]	
RIGHT; SUBSTANCE; MINIMAL, RED				1 (2.5%) [1]	
URINARY BLADDER	(41)	(40)	(40)	(40)	(30)
DISCOLORATION; BROWN, MARKED				1 (2.5%) [1]	
DISCOLORATION; BROWN, MILD	0 **			6 (15.0%) [6]	
DISCOLORATION; BROWN, MINIMAL	0 **			6 (15.0%) [6]	
DISCOLORATION; BROWN, MODERATE				3 (7.5%) [3]	

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F1 Female: Fertility Female

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
Disposition Summary					
Animals Initially In Study	41	40	40	40	30
Early Deaths					
Scheduled Deaths					
Scheduled sacrifice, terminal (GD 24, LD 28, PND 127 - 143)	41	40	40	40	30
Number of Animals Examined	41	40	40	40	30
Total number litters	22	20	21	20	15
ALIMENTARY SYSTEM					
LIVER	(41)	(40)	(40)	(40)	(30)
ADHESION; MILD				1 (2.5%) [1]	
PANCREAS	(41)	(40)	(40)	(40)	(30)
ADHESION; MILD				1 (2.5%) [1]	
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
ADRENAL GLANDS	(41)	(40)	(40)	(40)	(30)
BILATERAL; DISCOLORATION; MODERATE, PALE RIGHT; REDUCED IN SIZE; MILD			1 (2.5%) [1]	1 (2.5%) [1]	
GENERAL BODY SYSTEM					
FAT	(41)	(40)	(40)	(40)	(30)
DISCOLORATION; MILD, YELLOW		1 (2.5%) [1]			
ABDOMINAL; NODULE; DARK		1 (2.5%) [1]			

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F1 Female: Fertility Female

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
GENITAL SYSTEM					
CLITORAL GLANDS	(41)	(40)	(40)	(40)	(30)
LEFT; DISCOLORATION; MILD, TAN			1 (2.5%) [1]		1 (3.3%) [1]
LEFT; DISCOLORATION; MINIMAL, TAN		1 (2.5%) [1]			
RIGHT; DISCOLORATION; MILD, TAN	1 (2.4%) [1]				
OVARIES	(41)	(40)	(40)	(40)	(30)
LEFT; DISCOLORATION; FOCAL, MILD, PALE					1 (3.3%) [1]
UTERUS	(41)	(40)	(40)	(40)	(30)
LEFT; MASS	1 (2.4%) [1]				
HEMATOLYMPHOID SYSTEM					
LYMPH NODE, MANDIBULAR	(41)	(40)	(40)	(40)	(30)
DISCOLORATION; MODERATE, RED				1 (2.5%) [1]	
SPLEEN	(41)	(40)	(40)	(40)	(30)
ENLARGED; MINIMAL	1 (2.4%) [1]				
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
DIAPHRAGM	(41)	(40)	(40)	(40)	(30)
LATERAL LOBE; LEFT; HERNIA; MODERATE				1 (2.5%) [1]	
MEDIAL LOBE; LEFT; HERNIA; MILD		2 (5.0%) [2]	1 (2.5%) [1]		
MEDIAL LOBE; HERNIA; MODERATE				1 (2.5%) [1]	
HERNIA; MILD				1 (2.5%) [1]	
NERVOUS SYSTEM					
None					

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F1 Female: Fertility Female

Treatment Groups (ppm)

0 3000 10000 30000 0.05 ppm EE

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

	0	3000	10000	30000	0.05 ppm EE
KIDNEYS	(41)	(40)	(40)	(40)	(30)
LEFT; PELVIS; DILATION; MARKED				1 (2.5%) [1]	
RIGHT; PELVIS; DILATION; MILD				1 (2.5%) [1]	
RIGHT; PELVIS; DILATION; MODERATE		1 (2.5%) [1]			
BILATERAL; DISCOLORATION; DARK, MODERATE				1 (2.5%) [1]	
BILATERAL; DISCOLORATION; MILD, MOTTLED		2 (5.0%) [2]			
BILATERAL; DISCOLORATION; MILD, PALE				2 (5.0%) [2]	
BILATERAL; DISCOLORATION; MODERATE, PALE				1 (2.5%) [1]	
LEFT; DISCOLORATION; MODERATE, PALE				2 (5.0%) [2]	
RIGHT; DISCOLORATION; DARK, MARKED				1 (2.5%) [1]	
RIGHT; DISCOLORATION; MILD, PALE				2 (5.0%) [1]	
RIGHT; ENLARGED; MODERATE				1 (2.5%) [1]	
RIGHT; SURFACE; IRREGULAR				1 (2.5%) [1]	
LEFT; PELVIS; SUBSTANCE; MARKED, YELLOW				1 (2.5%) [1]	
URETERS	(41)	(40)	(40)	(40)	(30)
BILATERAL; DILATION; MODERATE				1 (2.5%) [1]	
URINARY BLADDER	(41)	(40)	(40)	(40)	(30)
ENLARGED; MILD				1 (2.5%) [1]	

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F2 Male					
	Treatment Groups (ppm)				
	0	3000	10000	30000	0.05 ppm EE
Disposition Summary					
Animals Initially In Study	91	110	101	88	87
Early Deaths					
Scheduled Deaths					
Scheduled sacrifice, terminal (PND 28)	91	110	101	88	87
Number of Animals Examined	91	110	101	88	87
Total number litters	30	34	32	30	27
ALIMENTARY SYSTEM					
LIVER	(91)	(110)	(101)	(88)	(87)
RIGHT; MEDIAL LOBE; FRACTURE; MODERATE		1 (0.9%) [1]			
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
TESTES	(91)	(110)	(101)	(88)	(87)
BILATERAL; REDUCED IN SIZE; MINIMAL					1 (1.1%) [1]
LEFT; REDUCED IN SIZE; MARKED				1 (1.1%) [1]	
RIGHT; REDUCED IN SIZE; MILD					1 (1.1%) [1]
BILATERAL; UNDESCENDED		1 (0.9%) [1]		1 (1.1%) [1]	
LEFT; UNDESCENDED		3 (2.7%) [3]	2 (2.0%) [2]		
RIGHT; UNDESCENDED			1 (1.0%) [1]	1 (1.1%) [1]	

Study Number: MOG002B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA46R: Summary of Gross Pathology with Litter Incidence
Test Compound: 2-Hydroxy-4-methoxybenzophenone
CAS Number: 131-57-7

Date Report Requested: 08/12/2020
Time Report Requested: 09:32:58
Lab: RTI

F2 Male

Treatment Groups (ppm)

0 **3000** **10000** **30000** **0.05 ppm EE**

HEMATOLYMPHOID SYSTEM

None

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

	0	3000	10000	30000	0.05 ppm EE
DIAPHRAGM	(91)	(110)	(101)	(88)	(87)
MEDIAL LOBE; LEFT; HERNIA; MILD					1 (1.1%) [1]
MEDIAL LOBE; LEFT; HERNIA; MODERATE				1 (1.1%) [1]	
MEDIAL LOBE; RIGHT; HERNIA; MILD				1 (1.1%) [1]	
MEDIAL LOBE; HERNIA; MINIMAL				1 (1.1%) [1]	
LIMB	(91)	(110)	(101)	(88)	(87)
FORELIMB; RIGHT; DEFORMITY; MODERATE	1 (1.1%) [1]				

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

	0	3000	10000	30000	0.05 ppm EE
KIDNEYS	(91)	(110)	(101)	(88)	(87)
RIGHT; PELVIS; DILATION; MILD	1 (1.1%) [1]		1 (1.0%) [1]		
RIGHT; PELVIS; DILATION; MODERATE			1 (1.0%) [1]		1 (1.1%) [1]
LEFT; DISCOLORATION; MILD, MOTTLED			1 (1.0%) [1]		

Study Number: MOG002B
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F2 Female

Treatment Groups (ppm)

	0	3000	10000	30000	0.05 ppm EE
Disposition Summary					
Animals Initially In Study	94	95	85	86	91
Early Deaths					
Scheduled Deaths					
Scheduled sacrifice, terminal (PND 28)	94	95	85	86	91
Number of Animals Examined	94	95	85	86	91
Total number litters	30	32	32	28	26

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

HEMATOLYMPHOID SYSTEM

None

INTEGUMENTARY SYSTEM

None

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F2 Female					
	Treatment Groups (ppm)				
	0	3000	10000	30000	0.05 ppm EE
MUSCULOSKELETAL SYSTEM					
LIMB	(94)	(95)	(85)	(86)	(91)
FORELIMB; LEFT; DEFORMITY; MODERATE	1 (1.1%) [1]				1 (1.1%) [1]
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
EYES	(94)	(95)	(85)	(86)	(91)
LEFT; MISSING		1 (1.1%) [1]			
URINARY SYSTEM					
KIDNEYS	(94)	(95)	(85)	(86)	(91)
LEFT; PELVIS; DILATION; MILD				1 (1.2%) [1]	
LEFT; PELVIS; DILATION; MODERATE				1 (1.2%) [1]	
RIGHT; PELVIS; DILATION; MILD				1 (1.2%) [1]	
RIGHT; PELVIS; DILATION; MINIMAL				1 (1.2%) [1]	
RIGHT; PELVIS; DILATION; MODERATE				2 (2.3%) [2]	
LEFT; DISCOLORATION; MILD, PALE				1 (1.2%) [1]	
LEFT; DISCOLORATION; MINIMAL, MOTTLED	1 (1.1%) [1]				
LEFT; ENLARGED; MINIMAL				1 (1.2%) [1]	
FOCUS; MINIMAL, WHITE	1 (1.1%) [1]				
RIGHT; MASS; WHITE					1 (1.1%) [1]
URINARY BLADDER	(94)	(95)	(85)	(86)	(91)
DISCOLORATION; MILD, RED				1 (1.2%) [1]	
LUMEN; SUBSTANCE; BROWN, MINIMAL				1 (1.2%) [1]	

Study Number: MOG002B
Test Type: MOG
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LEGEND

Number of animals examined for each tissue shown in parentheses. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion. The exception to this is if statistical significance is found for a lesion and the control group has no animals with the lesion then a 0 is included for the control group on the table for that lesion.

Number (percent) of animals affected given for each observation

Number of litters with observations shown in square brackets for F1 and F2 animals. F1 litter incidence based on the number of F0 dams; F2 litter incidence based on number of F1 dams.

Phase day range of terminal sacrifice shown in parentheses in disposition summary

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

All trend and pairwise p-values are reported as one-sided.

Lesions in the F1 prenatal cohort and in the F0 generation were analyzed using the Cochran-Armitage (trend) and Fisher Exact (pairwise) tests.

Lesions in the F1 fertility cohort and in the F2 generation were analyzed using a Cochran-Armitage test with a Rao-Scott modification for the random effect due to litter.

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

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

The EE group was not included in any trend analysis, it was included in the pairwise analysis to the control group.

Non-pregnant females from the F0 and F1 generations are included in the analysis.

EE = Ethinyl estradiol

**** END OF REPORT ****