

Experiment Number: R14001B

Test Type: Teratology

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

Study Gender:

PWG Approval Date

R10: Fetal Defects

Test Compound: 4-Methylcyclohexanemethanol

CAS Number: 34885-03-5

R14001B

Female

See web page for date of PWG Approval

Date Report Requested: 09/05/2018

Time Report Requested: 07:18:11

Lab: Southern Research

Experiment Number: R14001B

Test Type: Teratology

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

R10: Fetal Defects

Test Compound: 4-Methylcyclohexanemethanol

CAS Number: 34885-03-5

Date Report Requested: 09/05/2018

Time Report Requested: 07:18:11

Lab: Southern Research

Classification	Treatment Groups (mg/kg/day)					
	0	50	100	200	400	
Total number of fetuses examined	296	283	279	247	254	
	External					
No. Fetuses examined	296	283	279	247	254	
No. Litters examined	23	21	21	19	21	
Anogenital						
Anus, Absent	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.39)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Body - General						
Body, Subcutaneous hemorrhage	Gross Finding	1 (0.34)	4 (1.41)	3 (1.08)	1 (0.4)	3 (1.18)
		1 (4.35)	3 (14.29)	1 (4.76)	1 (5.26)	3 (14.29)
Extremities						
Tail, Bent	Malformation	0 (0.0)	2 (0.71)	0 (0.0)	0 (0.0)	0 (0.0)
		0 (0.00)	2 (9.52)	0 (0.00)	0 (0.00)	0 (0.00)
Tail, Thread-like	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.39)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Trunk						
General, Omphalocele	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.39)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)

Experiment Number: R14001B

R10: Fetal Defects

Date Report Requested: 09/05/2018

Test Type: Teratology

Test Compound: 4-Methylcyclohexanemethanol

Time Report Requested: 07:18:11

Route: Oral Gavage

CAS Number: 34885-03-5

Lab: Southern Research

Species/Strain: Rat/Harlan Sprague Dawley

Classification	Treatment Groups (mg/kg/day)					
	0	50	100	200	400	
Visceral						
No. Fetuses examined	296	283	279	247	254	
No. Litters examined	23	21	21	19	21	
Abdominal Viscera						
Adrenal, left, Discolored	Variation	0 (0.0) **	0 (0.0)	0 (0.0)	0 (0.0)	3 (1.18)
		0 (0.00) **	0 (0.00)	0 (0.00)	0 (0.00)	3 (14.29)
Adrenal, left, Misshapen	Malformation	0 (0.0) **	0 (0.0)	0 (0.0)	0 (0.0)	3 (1.18)
		0 (0.00) **	0 (0.00)	0 (0.00)	0 (0.00)	3 (14.29)
Adrenal, right, Discolored	Variation	0 (0.0)	1 (0.35)	0 (0.0)	0 (0.0)	0 (0.0)
		0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)	0 (0.00)
Adrenal, right, Misshapen	Malformation	0 (0.0)	1 (0.35)	0 (0.0)	0 (0.0)	0 (0.0)
		0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)	0 (0.00)
Adrenal, total, Discolored	Variation	0 (0.0) *	1 (0.35)	0 (0.0)	0 (0.0)	3 (1.18)
		0 (0.00) *	1 (4.76)	0 (0.00)	0 (0.00)	3 (14.29)
Adrenal, total, Misshapen	Malformation	0 (0.0) *	1 (0.35)	0 (0.0)	0 (0.0)	3 (1.18)
		0 (0.00) *	1 (4.76)	0 (0.00)	0 (0.00)	3 (14.29)
Heart						
Aortic valve, Misshapen	Malformation	12 (4.05) *	8 (2.83)	9 (3.23)	7 (2.83)	17 (6.69)
		8 (34.78)	6 (28.57)	5 (23.81)	4 (21.05)	9 (42.86)
Pulmonary valve, Misshapen	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.39)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Major Vessels						
Aorta, Dilated	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.39)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Aortic arch, Dilated	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.39)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Carotid artery, bilateral, Malpositioned	Variation	1 (0.34)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
		1 (4.35)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Innominate artery, Absent	Variation	7 (2.36)	6 (2.12)	6 (2.15)	5 (2.02)	11 (4.33)
		4 (17.39)	3 (14.29)	3 (14.29)	4 (21.05)	7 (33.33)

Experiment Number: R14001B

Test Type: Teratology

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

R10: Fetal Defects

Test Compound: 4-Methylcyclohexanemethanol

CAS Number: 34885-03-5

Date Report Requested: 09/05/2018

Time Report Requested: 07:18:11

Lab: Southern Research

	Classification	Treatment Groups (mg/kg/day)				
		0	50	100	200	400
Innominate artery, Absent or short	Variation	12 (4.05)	7 (2.47)	10 (3.58)	6 (2.43)	12 (4.72)
		7 (30.43)	4 (19.05)	4 (19.05)	4 (21.05)	7 (33.33)
Innominate artery, Short	Variation	5 (1.69)	1 (0.35)	4 (1.43)	1 (0.4)	1 (0.39)
		4 (17.39)	1 (4.76)	2 (9.52)	1 (5.26)	1 (4.76)
Reproductive Tract						
Ovary, left, Discolored	Variation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.39)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Ovary, left, Misshapen	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.39)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Testis, bilateral, Malpositioned	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)	1 (0.39)
		0 (0.00)	0 (0.00)	0 (0.00)	1 (5.26)	1 (4.76)
Thoracic Viscera						
Thymus, Supernumerary	Variation	4 (1.35)	0 (0.0)	2 (0.72)	1 (0.4)	0 (0.0)
		3 (13.04)	0 (0.00)	2 (9.52)	1 (5.26)	0 (0.00)
Urinary Tract						
Kidney, left, Discolored	Variation	0 (0.0) **	0 (0.0)	0 (0.0)	0 (0.0)	3 (1.18)
		0 (0.00) **	0 (0.00)	0 (0.00)	0 (0.00)	3 (14.29)
Kidney, right, Discolored	Variation	0 (0.0)	1 (0.35)	0 (0.0)	0 (0.0)	0 (0.0)
		0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)	0 (0.00)
Kidney, total, Discolored	Variation	0 (0.0) *	1 (0.35)	0 (0.0)	0 (0.0)	3 (1.18)
		0 (0.00) *	1 (4.76)	0 (0.00)	0 (0.00)	3 (14.29)
Renal pelvis, left, Dilated	Variation	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)	0 (0.0)
		0 (0.00)	0 (0.00)	0 (0.00)	1 (5.26)	0 (0.00)
Ureter, left, Dilated	Variation	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)	0 (0.0)
		0 (0.00)	0 (0.00)	0 (0.00)	1 (5.26)	0 (0.00)
		Head				
No. Fetuses examined		155	146	145	128	131
No. Litters examined		23	21	21	19	21

NO VISIBLE LESIONS PRESENT

Experiment Number: R14001B

Test Type: Teratology

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

R10: Fetal Defects

Test Compound: 4-Methylcyclohexanemethanol

CAS Number: 34885-03-5

Date Report Requested: 09/05/2018

Time Report Requested: 07:18:11

Lab: Southern Research

Classification	Treatment Groups (mg/kg/day)					
	0	50	100	200	400	
Skeletal - Body						
No. Fetuses examined	295	283	279	247	253	
No. Litters examined	23	21	21	19	21	
Hindlimb						
Metatarsal, Unossified	Variation	0 (0.0)	0 (0.0)	1 (0.36)	0 (0.0)	0 (0.0)
		0 (0.00)	0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)
Pelvic Girdle						
Pubis, bilateral, Incomplete ossification	Variation	0 (0.0)	1 (0.35)	0 (0.0)	0 (0.0)	0 (0.0)
		0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)	0 (0.00)
Ribs						
Costal cartilage, 4th right, Misaligned	Variation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Costal cartilage, 5th right, Misaligned	Variation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Costal cartilage, 7th right, Not fused to sternum	Malformation	0 (0.0) **	0 (0.0)	0 (0.0)	2 (0.81)	4 (1.58) *
		0 (0.00) **	0 (0.00)	0 (0.00)	1 (5.26)	4 (19.05) *
Costal cartilage, multiple sites, Misaligned	Variation	0 (0.0) *	0 (0.0)	0 (0.0)	0 (0.0)	2 (0.79)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Costal cartilage, total, Misaligned	Variation	0 (0.0) **	0 (0.0)	0 (0.0)	0 (0.0)	3 (1.19)
		0 (0.00) *	0 (0.00)	0 (0.00)	0 (0.00)	2 (9.52)
Rib, 7th left, Fused	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Rib, 7th right, Absent	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Rib, multiple sites, Wavy	Variation	0 (0.0)	1 (0.35)	0 (0.0)	0 (0.0)	0 (0.0)
		0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)	0 (0.00)
Ribs, Sternebrae, Supernumerary Rib, or Vertebrae, Total						
Incomplete ossification or unossified, Total	Variation	0 (0.0) **	2 (0.71)	0 (0.0)	0 (0.0)	9 (3.56) **
		0 (0.00) **	2 (9.52)	0 (0.00)	0 (0.00)	7 (33.33) **
Malformation, Total	Malformation	3 (1.02) ** ##	3 (1.06)	6 (2.15)	7 (2.83)	40 (15.81) ** ##

Experiment Number: R14001B

R10: Fetal Defects

Date Report Requested: 09/05/2018

Test Type: Teratology

Test Compound: 4-Methylcyclohexanemethanol

Time Report Requested: 07:18:11

Route: Oral Gavage

CAS Number: 34885-03-5

Lab: Southern Research

Species/Strain: Rat/Harlan Sprague Dawley

	Classification	Treatment Groups (mg/kg/day)				
		0	50	100	200	400
		3 (13.04) **	3 (14.29)	3 (14.29)	5 (26.32)	12 (57.14) **
Sternebrae						
Sternebra, 2nd, Unossified	Variation	0 (0.0) **	1 (0.35)	0 (0.0)	0 (0.0)	4 (1.58) *
		0 (0.00) **	1 (4.76)	0 (0.00)	0 (0.00)	4 (19.05) *
Sternebra, 4th, Misaligned	Variation	0 (0.0) *	0 (0.0)	0 (0.0)	0 (0.0)	2 (0.79)
		0 (0.00) *	0 (0.00)	0 (0.00)	0 (0.00)	2 (9.52)
Sternebra, 5th, Supernumerary site	Variation	1 (0.34)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
		1 (4.35)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Sternebra, 5th, Unossified	Variation	0 (0.0)	1 (0.35)	0 (0.0)	0 (0.0)	2 (0.79)
		0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)	2 (9.52)
Sternebra, 6th, Split	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Sternebra, 6th, Supernumerary site	Variation	0 (0.0)	0 (0.0)	1 (0.36)	0 (0.0)	0 (0.0)
		0 (0.00)	0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)
Sternebra, 6th, Unossified	Variation	0 (0.0)	1 (0.35)	0 (0.0)	0 (0.0)	2 (0.79)
		0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)	2 (9.52)
Sternebra, multiple sites, Unossified	Variation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Sternebra, total, Supernumerary site	Variation	1 (0.34)	0 (0.0)	1 (0.36)	0 (0.0)	0 (0.0)
		1 (4.35)	0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)
Sternebra, total, Unossified	Variation	0 (0.0) **	1 (0.35)	0 (0.0)	0 (0.0)	6 (2.37) **
		0 (0.00) **	1 (4.76)	0 (0.00)	0 (0.00)	5 (23.81) *
Sternebrae, total, Unossified or misaligned	Variation	0 (0.0) **	1 (0.35)	0 (0.0)	0 (0.0)	7 (2.77) **
		0 (0.00) **	1 (4.76)	0 (0.00)	0 (0.00)	6 (28.57) **
Xiphoid cartilage, Split	Malformation	1 (0.34)	2 (0.71)	0 (0.0)	0 (0.0)	3 (1.19)
		1 (4.35)	2 (9.52)	0 (0.00)	0 (0.00)	3 (14.29)
Supernumerary Rib						
Cervical, bilateral, Short	Malformation	0 (0.0) **	0 (0.0)	0 (0.0)	0 (0.0)	3 (1.19)
		0 (0.00) **	0 (0.00)	0 (0.00)	0 (0.00)	3 (14.29)
Cervical, left, Short	Malformation	0 (0.0) *	0 (0.0)	0 (0.0)	0 (0.0)	2 (0.79)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)

Experiment Number: R14001B

Test Type: Teratology

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

R10: Fetal Defects

Test Compound: 4-Methylcyclohexanemethanol

CAS Number: 34885-03-5

Date Report Requested: 09/05/2018

Time Report Requested: 07:18:11

Lab: Southern Research

	Classification	Treatment Groups (mg/kg/day)				
		0	50	100	200	400
Cervical, right, Short	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Cervical, total, Short	Malformation	0 (0.0) **	0 (0.0)	0 (0.0)	0 (0.0)	6 (2.37) **
		0 (0.00) **	0 (0.00)	0 (0.00)	0 (0.00)	3 (14.29)
Thoracolumbar, bilateral, Full	Malformation	1 (0.34) **	0 (0.0)	2 (0.72)	1 (0.4)	10 (3.95) **
		1 (4.35)	0 (0.00)	2 (9.52)	1 (5.26)	3 (14.29)
Thoracolumbar, bilateral, Short	Variation	34 (11.53)	18 (6.36) * #	25 (8.96)	23 (9.31)	21 (8.3)
		15 (65.22)	9 (42.86)	12 (57.14)	12 (63.16)	11 (52.38)
Thoracolumbar, left, Full	Malformation	0 (0.0) **	1 (0.35)	4 (1.43)	3 (1.21)	13 (5.14) **
		0 (0.00) **	1 (4.76)	2 (9.52)	3 (15.79)	6 (28.57) **
Thoracolumbar, left, Short	Variation	27 (9.15)	30 (10.6)	34 (12.19)	47 (19.03) ** ##	27 (10.67)
		17 (73.91)	14 (66.67)	14 (66.67)	16 (84.21)	14 (66.67)
Thoracolumbar, right, Full	Malformation	1 (0.34) *	0 (0.0)	0 (0.0)	1 (0.4)	3 (1.19)
		1 (4.35) *	0 (0.00)	0 (0.00)	1 (5.26)	3 (14.29)
Thoracolumbar, right, Short	Variation	15 (5.08) ** ##	8 (2.83)	20 (7.17)	17 (6.88)	29 (11.46) ** #
		10 (43.48)	7 (33.33)	9 (42.86)	8 (42.11)	12 (57.14)
Thoracolumbar, total, Full	Malformation	2 (0.68) ** ##	1 (0.35)	6 (2.15)	5 (2.02)	26 (10.28) ** ##
		2 (8.70) **	1 (4.76)	3 (14.29)	4 (21.05)	7 (33.33) *
Thoracolumbar, total, Short	Variation	76 (25.76) **	56 (19.79)	79 (28.32)	87 (35.22) *	77 (30.43)
		21 (91.30)	19 (90.48)	17 (80.95)	17 (89.47)	19 (90.48)
Vertebrae						
Presacral vertebrae, Greater than 26	Variation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Thoracic arch, 7th left, Supernumerary	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Thoracic arch, 7th right, Fused	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Thoracic arch, multiple sites, Misshapen	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Thoracic centrum, 12th, Incomplete ossification	Variation	0 (0.0)	1 (0.35)	0 (0.0)	0 (0.0)	2 (0.79)
		0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)	2 (9.52)

Experiment Number: R14001B

R10: Fetal Defects

Date Report Requested: 09/05/2018

Test Type: Teratology

Test Compound: 4-Methylcyclohexanemethanol

Time Report Requested: 07:18:11

Route: Oral Gavage

CAS Number: 34885-03-5

Lab: Southern Research

Species/Strain: Rat/Harlan Sprague Dawley

		Treatment Groups (mg/kg/day)				
Classification		0	50	100	200	400
Thoracic centrum, 13th, Incomplete ossification	Variation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Thoracic centrum, 1st, Unossified	Variation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Thoracic centrum, total, Incomplete ossification	Variation	0 (0.0) *	1 (0.35)	0 (0.0)	0 (0.0)	3 (1.19)
		0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)	2 (9.52)
Thoracic centrum, total, Incomplete ossification or unossified	Variation	0 (0.0) **	1 (0.35)	0 (0.0)	0 (0.0)	4 (1.58) *
		0 (0.00) *	1 (4.76)	0 (0.00)	0 (0.00)	3 (14.29)
Thoracic vertebra, multiple sites, Misaligned	Variation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
		Skeletal - Skull				
No. Fetuses examined		141	137	134	119	123
No. Litters examined		23	21	21	19	21
Skull						
Frontal, General, Interparietal, or Parietal, total, Incomplete or isolated ossification	Variation	4 (2.84)	0 (0.0)	1 (0.75)	4 (3.36)	2 (1.63)
		4 (17.39)	0 (0.00)	1 (4.76)	4 (21.05)	2 (9.52)
Frontal, bilateral, Incomplete ossification	Variation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.81)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
General, Isolated ossification site	Variation	4 (2.84)	0 (0.0)	1 (0.75)	4 (3.36)	1 (0.81)
		4 (17.39)	0 (0.00)	1 (4.76)	4 (21.05)	1 (4.76)
General, Supernumerary site	Variation	2 (1.42)	2 (1.46)	2 (1.49)	1 (0.84)	0 (0.0)
		1 (4.35)	2 (9.52)	2 (9.52)	1 (5.26)	0 (0.00)
Interparietal, Incomplete ossification	Variation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.81)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Parietal, bilateral, Incomplete ossification	Variation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.81)
		0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (4.76)
Zygomatic, bilateral, Misshapen	Malformation	0 (0.0)	1 (0.73)	0 (0.0)	0 (0.0)	0 (0.0)
		0 (0.00)	1 (4.76)	0 (0.00)	0 (0.00)	0 (0.00)

Experiment Number: R14001B

Test Type: Teratology

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

R10: Fetal Defects

Test Compound: 4-Methylcyclohexanemethanol

CAS Number: 34885-03-5

Date Report Requested: 09/05/2018

Time Report Requested: 07:18:11

Lab: Southern Research

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 litter data and for fetal data ignoring the litter effects were performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) tests.

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

Statistical analysis for fetal data including litter effects was performed by using a Generalized Linear Mixed Model, where the Dam ID 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

**** END OF REPORT ****