C Number:	R14001
Study Gender:	Female
PWG Approval Date	See web page for date of PWG Approval

Experiment Number: R14001
Test Type: Teratology - Range Finding
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: 07:07:57
Lab: Southern Research

		Treatment Groups (mg/kg/day)			
	Classification	**0**	**150**	**300**	**600**
Total number of fetuses examined		94	117	114	47
	External				
No. Fetuses examined		94	117	114	47
No. Litters examined		9	9	8	5
Extremities					
Limb, hind, left or hind, right, Hyperflexion	Variation	0 (0.0)	1 (0.85)	1 (0.88)	0 (0.0)
		0 (0.00)	1 (11.11)	1 (12.50)	0 (0.00)
Limb, hind, left, Hyperflexion	Variation	0 (0.0)	0 (0.0)	1 (0.88)	0 (0.0)
		0 (0.00)	0 (0.00)	1 (12.50)	0 (0.00)
Limb, hind, right, Hyperflexion	Variation	0 (0.0)	1 (0.85)	0 (0.0)	0 (0.0)
		0 (0.00)	1 (11.11)	0 (0.00)	0 (0.00)
Tail, Bent	Malformation	1 (1.06)	0 (0.0)	0 (0.0)	0 (0.0)
		1 (11.11)	0 (0.00)	0 (0.00)	0 (0.00)
Tail, Bent or Curled	Malformation	1 (1.06)	0 (0.0)	0 (0.0)	1 (2.13)
		1 (11.11)	0 (0.00)	0 (0.00)	1 (20.00)
Tail, Curled	Malformation	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.13)
		0 (0.00)	0 (0.00)	0 (0.00)	1 (20.00)
Trunk					
General, Omphalocele	Malformation	1 (1.06)	0 (0.0)	0 (0.0)	0 (0.0)
		1 (11.11)	0 (0.00)	0 (0.00)	0 (0.00)

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 <= 0.05

** Statistically significant at P <= 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 <= 0.05 (litter based analysis)

Statistically significant at P <= 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 **