

**Experiment Number:** R14001B

**Test Type:** Teratology

**Route:** Oral Gavage

**Species/Strain:** Rat/Harlan Sprague Dawley

**C Number:**

**Study Gender:**

**PWG Approval Date**

**PA46s: Summary of Gross Pathology**

**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:** 10:54:46

**Lab:** Southern Research

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**F0 Female**

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**Treatment Groups (mg/kg/day)**

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**0**                      **50**                      **100**                      **200**                      **400**

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**Disposition Summary**

<b>Animals Initially In Study</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>
<b>Early Deaths</b>					
<b>Survivors</b>					
<b>Scheduled sacrifice, terminal (GD 21, SD 15 - 22)</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>
<b>Number of Animals Examined</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>

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**ALIMENTARY SYSTEM**

ESOPHAGUS	(25)	(25)	(25)	(25)	(25)
INTESTINE, LARGE, CECUM	(25)	(25)	(25)	(25)	(25)
INTESTINE, LARGE, COLON	(25)	(25)	(25)	(25)	(25)
INTESTINE, LARGE, RECTUM	(25)	(25)	(25)	(25)	(25)
INTESTINE, SMALL, DUODENUM	(25)	(25)	(25)	(25)	(25)
INTESTINE, SMALL, ILEUM	(25)	(25)	(25)	(25)	(25)
INTESTINE, SMALL, JEJUNUM	(25)	(25)	(25)	(25)	(25)
LIVER	(25)	(25)	(25)	(25)	(25)
PANCREAS	(25)	(25)	(25)	(25)	(25)
STOMACH, FORESTOMACH	(25)	(25)	(25)	(25)	(25)
STOMACH, GLANDULAR	(25)	(25)	(25)	(25)	(25)

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**CARDIOVASCULAR SYSTEM**

HEART	(25)	(25)	(25)	(25)	(25)
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**ENDOCRINE SYSTEM**

ADRENAL GLAND	(25)	(25)	(25)	(25)	(25)
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**GENERAL BODY SYSTEM**

None

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	0	50	100	200	400
<b>GENITAL SYSTEM</b>					
OVARY	(25)	(25)	(25)	(25)	(25)
UTERUS	(25)	(25)	(25)	(25)	(25)
DILATION; FLUID-FILLED			3 (12.0%)	1 (4.0%)	2 (8.0%)
FLUID; ALL			4 (16.0%)		2 (8.0%)
FLUID; BROWN			1 (4.0%)		1 (4.0%)
FLUID; CLEAR			1 (4.0%)		
FLUID; RED			1 (4.0%)		
FLUID; YELLOW					1 (4.0%)
FLUID			1 (4.0%)		
VAGINA	(25)	(25)	(25)	(25)	(25)
<b>HEMATOPOIETIC SYSTEM</b>					
LYMPH NODE, MESENTERIC	(25)	(25)	(25)	(25)	(25)
SPLEEN	(25)	(25)	(25)	(25)	(25)
THYMUS	(25)	(25)	(25)	(25)	(25)
<b>INTEGUMENTARY SYSTEM</b>					
SKIN	(25)	(25)	(25)	(25)	(25)
<b>LYMPHOID SYSTEM</b>					
None					
<b>MUSCULOSKELETAL SYSTEM</b>					
None					
<b>NERVOUS SYSTEM</b>					
None					

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	<b>0</b>	<b>50</b>	<b>100</b>	<b>200</b>	<b>400</b>
<b>RESPIRATORY SYSTEM</b>					
LUNG	(25)	(25)	(25)	(25)	(25)
TRACHEA	(25)	(25)	(25)	(25)	(25)
<b>SPECIAL SENSES SYSTEM</b>					
None					
<b>URINARY SYSTEM</b>					
KIDNEY	(25)	(25)	(25)	(25)	(25)
URETER	(25)	(25)	(25)	(25)	(25)
URINARY BLADDER	(25)	(25)	(25)	(25)	(25)

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## LEGEND

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Number of animals examined given for each tissue

Number (percent) of animals affected given for each observation

Trend p-values are reported only for those organs that were fully examined in all dose groups

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) one-sided tests.

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  $P \leq 0.01$

**\*\* END OF REPORT \*\***