

Experiment Number: C14013-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Harlan Sprague Dawley

PA06: ORGAN WEIGHTS SUMMARY
Test Compound: 4-Methylcyclohexanemethanol, Crude

Date Report Requested: 10/27/2015
Time Report Requested: 08:19:51
Lab: Battelle

C Number:	C14013-01
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

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Males							
	Treatment Groups (mg/kg)						
	0	0.1	1	10	100	300	500
Terminal Body Wt.	231.6 ± 4.5 (8)	231.2 ± 3.2 (6)	237.0 ± 2.1 (6)	236.8 ± 2.6 (6)	232.7 ± 3.3 (6)	240.1 ± 4.9 (6)	233.9 ± 2.7 (6)
R. Epididymis							
Absolute (g)	0.24 ± 0.01 (8)	0.28 ± 0.01 (6)	0.28 ± 0.02 (6)	0.27 ± 0.01 (6)	0.28 ± 0.01 (6)	0.25 ± 0.01 (6)	0.24 ± 0.01 (6)
Relative (mg/g)	1.06 ± 0.06 (8)	1.20 ± 0.05 (6)	1.16 ± 0.06 (6)	1.14 ± 0.05 (6)	1.21 ± 0.05 (6)	1.04 ± 0.03 (6)	1.01 ± 0.04 (6)
L. Epididymis							
Absolute (g)	0.24 ± 0.01 (8)	0.28 ± 0.01 (6)	0.27 ± 0.01 (6)	0.26 ± 0.01 (6)	0.28 ± 0.01 (6)	0.25 ± 0.01 (6)	0.23 ± 0.01 (6)
Relative (mg/g)	1.05 ± 0.06 (8)	1.20 ± 0.05 (6)	1.13 ± 0.03 (6)	1.11 ± 0.05 (6)	1.22 ± 0.07 (6)	1.03 ± 0.04 (6)	1.00 ± 0.03 (6)
Heart							
Absolute (g)	0.89 ± 0.01 (8)	0.90 ± 0.02 (6)	0.92 ± 0.02 (6)	0.95 ± 0.02 (6)	0.90 ± 0.03 (6)	0.91 ± 0.03 (6)	0.91 ± 0.02 (6)
Relative (mg/g)	3.85 ± 0.06 (8)	3.91 ± 0.06 (6)	3.87 ± 0.05 (6)	4.01 ± 0.07 (6)	3.87 ± 0.11 (6)	3.81 ± 0.05 (6)	3.91 ± 0.04 (6)
R. Kidney							
Absolute (g)	0.83 ± 0.03 (8)	0.82 ± 0.04 (6)	0.86 ± 0.02 (6)	0.85 ± 0.02 (6)	0.86 ± 0.02 (6)	0.88 ± 0.01 (6)	0.86 ± 0.02 (6)
Relative (mg/g)	3.57 ± 0.07 (8)	3.54 ± 0.15 (6)	3.61 ± 0.07 (6)	3.61 ± 0.05 (6)	3.71 ± 0.07 (6)	3.66 ± 0.05 (6)	3.66 ± 0.07 (6)
L. Kidney							
Absolute (g)	0.84 ± 0.03 (8)	0.81 ± 0.04 (6)	0.84 ± 0.02 (6)	0.86 ± 0.02 (6)	0.86 ± 0.02 (6)	0.89 ± 0.02 (6)	0.84 ± 0.02 (6)
Relative (mg/g)	3.61 ± 0.06 (8)	3.50 ± 0.13 (6)	3.52 ± 0.07 (6)	3.64 ± 0.05 (6)	3.71 ± 0.06 (6)	3.69 ± 0.04 (6)	3.59 ± 0.08 (6)
Liver							
Absolute (g)	9.93 ± 0.33 (8) **	10.19 ± 0.40 (6)	10.18 ± 0.22 (6)	10.36 ± 0.38 (6)	10.03 ± 0.19 (6)	11.49 ± 0.37 (6) **	10.85 ± 0.31 (6) **
Relative (mg/g)	42.81 ± 0.88 (8) **	44.01 ± 1.24 (6)	42.93 ± 0.68 (6)	43.68 ± 1.22 (6)	43.09 ± 0.65 (6)	47.83 ± 0.91 (6) **	46.38 ± 0.95 (6) **
Lung							
Absolute (g)	1.88 ± 0.13 (8)	2.08 ± 0.23 (6)	1.97 ± 0.13 (6)	2.17 ± 0.18 (6)	2.38 ± 0.18 (6)	2.18 ± 0.18 (6)	2.10 ± 0.10 (6)
Relative (mg/g)	8.13 ± 0.55 (8)	8.95 ± 0.82 (6)	8.30 ± 0.57 (6)	9.18 ± 0.77 (6)	10.25 ± 0.82 (6)	9.06 ± 0.65 (6)	8.98 ± 0.35 (6)
R. Testis							
Absolute (g)	1.41 ± 0.15 (8)	1.58 ± 0.04 (6)	1.56 ± 0.03 (6)	1.60 ± 0.04 (6)	1.61 ± 0.03 (6)	1.54 ± 0.04 (6)	1.55 ± 0.04 (6)
Relative (mg/g)	6.11 ± 0.63 (8)	6.84 ± 0.21 (6)	6.60 ± 0.13 (6)	6.76 ± 0.16 (6)	6.91 ± 0.18 (6)	6.40 ± 0.13 (6)	6.65 ± 0.21 (6)
L. Testis							
Absolute (g)	1.40 ± 0.15 (8)	1.59 ± 0.05 (6)	1.58 ± 0.02 (6)	1.62 ± 0.05 (6)	1.59 ± 0.05 (6)	1.52 ± 0.04 (6)	1.53 ± 0.05 (6)
Relative (mg/g)	6.03 ± 0.61 (8)	6.89 ± 0.22 (6)	6.67 ± 0.10 (6)	6.84 ± 0.19 (6)	6.85 ± 0.25 (6)	6.34 ± 0.15 (6)	6.53 ± 0.25 (6)

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	0	0.1	1	10	100	300	500
Thymus							
Absolute (g)	0.51 ± 0.02 (8)	0.51 ± 0.03 (6)	0.52 ± 0.04 (6)	0.53 ± 0.02 (6)	0.43 ± 0.03 (6)	0.54 ± 0.04 (6)	0.45 ± 0.02 (6)
Relative (mg/g)	2.20 ± 0.08 (8) *	2.19 ± 0.13 (6)	2.18 ± 0.16 (6)	2.22 ± 0.07 (6)	1.85 ± 0.11 (6)	2.23 ± 0.17 (6)	1.91 ± 0.07 (6)

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LEGEND

Data are displayed as mean $\pm$ SEM (N)

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis performed by Jonckheere (trend) and William or Dunnett (pairwise) tests

Statistical significance for the control group indicates a significant trend test

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****