

Experiment Number: C14001-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA06: ORGAN WEIGHTS SUMMARY

Test Compound: 4-Methylcyclohexanemethanol

Date Report Requested: 10/27/2015

Time Report Requested: 08:12:10

Lab: Battelle

C Number: C14001-01

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.	225.4 ± 6.7 (8)	222.4 ± 6.5 (6)	226.4 ± 4.9 (6)	223.2 ± 4.6 (6)	225.4 ± 4.4 (6)	218.0 ± 5.4 (6)	219.6 ± 5.1 (6)
R. Epididymis							
Absolute (g)	0.24 ± 0.01 (8)	0.26 ± 0.01 (6)	0.24 ± 0.01 (6)	0.26 ± 0.01 (6)	0.26 ± 0.01 (6)	0.25 ± 0.02 (6)	0.23 ± 0.02 (6)
Relative (mg/g)	1.09 ± 0.03 (8)	1.18 ± 0.06 (6)	1.07 ± 0.06 (6)	1.16 ± 0.04 (6)	1.14 ± 0.06 (6)	1.15 ± 0.07 (6)	1.02 ± 0.06 (6)
L. Epididymis							
Absolute (g)	0.24 ± 0.01 (8)	0.25 ± 0.01 (6)	0.25 ± 0.01 (6)	0.26 ± 0.01 (6)	0.25 ± 0.01 (6)	0.25 ± 0.02 (6)	0.24 ± 0.01 (6)
Relative (mg/g)	1.08 ± 0.03 (8)	1.13 ± 0.05 (6)	1.13 ± 0.05 (6)	1.15 ± 0.04 (6)	1.11 ± 0.06 (6)	1.14 ± 0.09 (6)	1.11 ± 0.06 (6)
Heart							
Absolute (g)	0.91 ± 0.03 (8)	0.87 ± 0.02 (6)	0.89 ± 0.02 (6)	0.88 ± 0.03 (6)	0.91 ± 0.02 (6)	0.88 ± 0.03 (6)	0.89 ± 0.04 (6)
Relative (mg/g)	4.06 ± 0.13 (8)	3.90 ± 0.06 (6)	3.93 ± 0.03 (6)	3.95 ± 0.09 (6)	4.05 ± 0.10 (6)	4.02 ± 0.08 (6)	4.04 ± 0.09 (6)
R. Kidney							
Absolute (g)	0.85 ± 0.03 (8)	0.82 ± 0.03 (6)	0.81 ± 0.01 (6)	0.83 ± 0.03 (6)	0.87 ± 0.03 (6)	0.81 ± 0.03 (6)	0.81 ± 0.02 (6)
Relative (mg/g)	3.77 ± 0.11 (8)	3.69 ± 0.10 (6)	3.60 ± 0.06 (6)	3.71 ± 0.08 (6)	3.87 ± 0.15 (6)	3.71 ± 0.07 (6)	3.71 ± 0.17 (6)
L. Kidney							
Absolute (g)	0.85 ± 0.03 (8)	0.81 ± 0.03 (6)	0.81 ± 0.02 (6)	0.82 ± 0.03 (6)	0.86 ± 0.02 (6)	0.82 ± 0.03 (6)	0.79 ± 0.02 (6)
Relative (mg/g)	3.76 ± 0.08 (8)	3.65 ± 0.11 (6)	3.56 ± 0.07 (6)	3.66 ± 0.06 (6)	3.82 ± 0.13 (6)	3.75 ± 0.05 (6)	3.62 ± 0.12 (6)
Liver							
Absolute (g)	10.65 ± 0.35 (8)	9.66 ± 0.40 (6)	9.92 ± 0.27 (6)	9.66 ± 0.29 (6)	10.40 ± 0.30 (6)	10.21 ± 0.31 (6)	11.07 ± 0.19 (6)
Relative (mg/g)	47.33 ± 1.24 (8) *	43.39 ± 0.80 (6) *	43.80 ± 0.49 (6)	43.23 ± 0.65 (6) *	46.21 ± 1.60 (6)	46.81 ± 0.80 (6)	50.56 ± 1.35 (6)
Lung							
Absolute (g)	2.02 ± 0.17 (8)	2.17 ± 0.16 (6)	2.06 ± 0.16 (6)	2.08 ± 0.15 (6)	2.11 ± 0.17 (6)	1.96 ± 0.11 (6)	2.16 ± 0.15 (6)
Relative (mg/g)	8.98 ± 0.73 (8)	9.71 ± 0.55 (6)	9.04 ± 0.54 (6)	9.30 ± 0.55 (6)	9.37 ± 0.75 (6)	9.02 ± 0.52 (6)	9.80 ± 0.53 (6)
R. Testis							
Absolute (g)	1.47 ± 0.02 (8)	1.55 ± 0.05 (6)	1.55 ± 0.04 (6)	1.58 ± 0.04 (6)	1.56 ± 0.04 (6)	1.52 ± 0.07 (6)	1.55 ± 0.06 (6)
Relative (mg/g)	6.58 ± 0.22 (8)	6.97 ± 0.21 (6)	6.85 ± 0.24 (6)	7.10 ± 0.19 (6)	6.95 ± 0.23 (6)	6.98 ± 0.19 (6)	7.09 ± 0.31 (6)
L. Testis							
Absolute (g)	1.47 ± 0.03 (8)	1.53 ± 0.04 (6)	1.55 ± 0.05 (6)	1.59 ± 0.04 (6)	1.55 ± 0.04 (6)	1.53 ± 0.06 (6)	1.53 ± 0.05 (6)
Relative (mg/g)	6.54 ± 0.23 (8)	6.92 ± 0.21 (6)	6.86 ± 0.30 (6)	7.15 ± 0.19 (6)	6.89 ± 0.21 (6)	7.02 ± 0.13 (6)	6.99 ± 0.28 (6)

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Males

Treatment Groups (mg/kg)

	0	0.1	1	10	100	300	500
Thymus							
Absolute (g)	0.51 ± 0.03 (8)	0.54 ± 0.05 (6)	0.53 ± 0.04 (6)	0.52 ± 0.03 (6)	0.59 ± 0.04 (6)	0.46 ± 0.03 (6)	0.40 ± 0.03 (6)
Relative (mg/g)	2.27 ± 0.12 (8)	2.43 ± 0.20 (6)	2.37 ± 0.20 (6)	2.31 ± 0.13 (6)	2.59 ± 0.16 (6)	2.13 ± 0.14 (6)	1.80 ± 0.12 (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 ****