

Study Number: C10265-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

Study Gender:

PWG Approval Date

PA06: Organ Weights Summary

Test Compound: Methyleugenol

CAS Number: 93-15-2

C10265-01

Male

See web page for date of PWG Approval

Date Report Requested: 11/18/2019

Time Report Requested: 14:05:08

Lab: Battelle

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Males

Treatment Groups (mg/kg)

	0	4.625	9.25	18.5	37
Terminal Body Wt. (g)	281.3 ± 5.4 (4)	285.9 ± 5.3 (4)	287.2 ± 6.6 (4)	295.3 ± 8.2 (4)	290.0 ± 6.1 (4)
R. Kidney					
Absolute (g)	0.91 ± 0.03 (4)	0.95 ± 0.02 (4)	0.95 ± 0.04 (4)	0.98 ± 0.03 (4)	0.92 ± 0.02 (4)
Relative (mg/g)	3.24 ± 0.06 (4)	3.32 ± 0.08 (4)	3.30 ± 0.06 (4)	3.31 ± 0.11 (4)	3.16 ± 0.04 (4)
L. Kidney					
Absolute (g)	0.90 ± 0.04 (4)	0.93 ± 0.02 (4)	0.92 ± 0.02 (4)	0.95 ± 0.03 (4)	0.89 ± 0.01 (4)
Relative (mg/g)	3.20 ± 0.08 (4)	3.25 ± 0.09 (4)	3.19 ± 0.09 (4)	3.21 ± 0.07 (4)	3.06 ± 0.08 (4)
Liver					
Absolute (g)	10.21 ± 0.43 (4) **	10.74 ± 0.57 (4)	10.43 ± 0.40 (4)	10.95 ± 0.57 (4)	10.97 ± 0.26 (4)
Relative (mg/g)	36.23 ± 0.85 (4) **	37.51 ± 1.28 (4)	36.29 ± 0.79 (4)	37.02 ± 0.99 (4)	37.82 ± 0.68 (4)

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Treatment Groups (mg/kg)

	75	150	300	600
Terminal Body Wt. (g)	290.5 ± 6.3 (4)	290.6 ± 7.7 (4)	282.8 ± 3.5 (4)	277.0 ± 5.9 (2)
R. Kidney				
Absolute (g)	0.95 ± 0.04 (4)	0.92 ± 0.04 (4)	0.91 ± 0.02 (4)	0.87 ± 0.02 (2)
Relative (mg/g)	3.26 ± 0.08 (4)	3.15 ± 0.06 (4)	3.22 ± 0.07 (4)	3.14 ± 0.01 (2)
L. Kidney				
Absolute (g)	0.96 ± 0.02 (4)	0.94 ± 0.03 (4)	0.90 ± 0.01 (4)	0.89 ± 0.01 (2)
Relative (mg/g)	3.29 ± 0.07 (4)	3.23 ± 0.05 (4)	3.17 ± 0.05 (4)	3.21 ± 0.03 (2)
Liver				
Absolute (g)	12.48 ± 0.75 (4)	11.89 ± 0.63 (4)	12.11 ± 0.55 (4)	11.84 ± 0.26 (2)
Relative (mg/g)	43.13 ± 3.44 (4) *	40.83 ± 1.24 (4) *	42.78 ± 1.50 (4) **	42.74 ± 0.03 (2) *

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted.

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 Williams or Dunnett (pairwise) 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 ****