

Study Number: C98045-01

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: Pulegone

CAS Number: 89-82-7

C98045-01

Male

See web page for date of PWG Approval

Date Report Requested: 11/18/2019

Time Report Requested: 12:50:59

Lab: Battelle

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Males

Treatment Groups (mg/kg)

	0	2.4	4.7	9.4	18.75
Terminal Body Wt. (g)	294.6 ± 8.2 (3) **	283.3 ± 5.0 (4)	287.4 ± 6.4 (4)	283.4 ± 5.6 (4)	286.7 ± 3.6 (4)
R. Kidney					
Absolute (g)	1.00 ± 0.02 (3)	0.94 ± 0.02 (4)	0.94 ± 0.02 (4)	0.91 ± 0.01 (4) *	0.94 ± 0.02 (4)
Relative (mg/g)	3.40 ± 0.12 (3)	3.32 ± 0.03 (4)	3.26 ± 0.03 (4)	3.22 ± 0.02 (4)	3.26 ± 0.06 (4)
L. Kidney					
Absolute (g)	0.98 ± 0.01 (3)	0.91 ± 0.02 (4)	0.89 ± 0.01 (4)	0.88 ± 0.02 (4)	0.91 ± 0.03 (4)
Relative (mg/g)	3.32 ± 0.12 (3) *	3.22 ± 0.09 (4)	3.09 ± 0.06 (4)	3.11 ± 0.03 (4)	3.15 ± 0.08 (4)
Liver					
Absolute (g)	11.28 ± 0.34 (3) **	10.45 ± 0.34 (4)	10.39 ± 0.26 (4)	10.42 ± 0.20 (4)	10.63 ± 0.28 (4)
Relative (mg/g)	38.29 ± 0.28 (3)	36.86 ± 0.64 (4)	36.16 ± 0.62 (4)	36.79 ± 0.90 (4)	37.05 ± 0.54 (4)

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Treatment Groups (mg/kg)

	37.5	75	150	300
Terminal Body Wt. (g)	276.3 ± 6.8 (4)	269.4 ± 8.0 (4) *	237.7 ± 6.1 (4) **	215.9 (1)
R. Kidney				
Absolute (g)	0.96 ± 0.02 (4)	0.91 ± 0.01 (4) *	0.93 ± 0.01 (3)	0.96 (1)
Relative (mg/g)	3.48 ± 0.08 (4)	3.39 ± 0.08 (4)	3.92 ± 0.18 (3) **	4.45 (1)
L. Kidney				
Absolute (g)	0.93 ± 0.03 (4)	0.92 ± 0.03 (4)	0.94 ± 0.04 (3)	0.97 (1)
Relative (mg/g)	3.38 ± 0.06 (4)	3.42 ± 0.10 (4)	3.95 ± 0.24 (3) **	4.49 (1)
Liver				
Absolute (g)	10.04 ± 0.08 (4) **	9.15 ± 0.17 (4) **	10.82 ± 0.33 (3) **	14.01 (1)
Relative (mg/g)	36.40 ± 0.88 (4)	33.98 ± 0.44 (4) *	45.63 ± 2.30 (3) **	64.89 (1)

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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 ****