

Study Number: C99059-01

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: Milk Thistle Extract

CAS Number: 84604-20-6

C99059-01

Male

See web page for date of PWG Approval

Date Report Requested: 11/18/2019

Time Report Requested: 13:54:58

Lab: Battelle

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Males

Treatment Groups (mg/kg)

	0	39.1	78.125	156.25	312.5
Terminal Body Wt. (g)	303.8 ± 5.8 (4)	304.3 ± 5.1 (4)	301.6 ± 3.1 (4)	306.8 ± 4.5 (4)	309.5 ± 11.4 (4)
R. Kidney					
Absolute (g)	0.96 ± 0.02 (4)	0.96 ± 0.02 (4)	0.94 ± 0.02 (4)	0.96 ± 0.03 (4)	0.98 ± 0.07 (4)
Relative (mg/g)	3.16 ± 0.06 (4)	3.14 ± 0.07 (4)	3.10 ± 0.05 (4)	3.13 ± 0.09 (4)	3.14 ± 0.10 (4)
L. Kidney					
Absolute (g)	0.93 ± 0.02 (4)	0.94 ± 0.03 (4)	0.90 ± 0.02 (4)	0.95 ± 0.02 (4)	0.96 ± 0.06 (4)
Relative (mg/g)	3.06 ± 0.02 (4)	3.09 ± 0.09 (4)	2.98 ± 0.06 (4)	3.09 ± 0.04 (4)	3.08 ± 0.09 (4)
Liver					
Absolute (g)	11.11 ± 0.57 (4) *	11.06 ± 0.37 (4)	10.70 ± 0.24 (4)	11.46 ± 0.09 (4)	11.17 ± 0.82 (4)
Relative (mg/g)	36.51 ± 1.22 (4) **	36.34 ± 0.92 (4)	35.47 ± 0.59 (4)	37.35 ± 0.27 (4)	35.96 ± 1.35 (4)

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Males

Treatment Groups (mg/kg)

	625	937.5	1250	1750
Terminal Body Wt. (g)	303.7 ± 5.0 (4)	299.6 ± 10.4 (4)	306.4 ± 6.3 (4)	293.2 ± 8.3 (4)
R. Kidney				
Absolute (g)	0.95 ± 0.03 (4)	0.92 ± 0.03 (4)	0.96 ± 0.00 (4)	0.92 ± 0.04 (4)
Relative (mg/g)	3.14 ± 0.05 (4)	3.08 ± 0.07 (4)	3.13 ± 0.07 (4)	3.12 ± 0.06 (4)
L. Kidney				
Absolute (g)	0.91 ± 0.03 (4)	0.90 ± 0.04 (4)	0.99 ± 0.02 (4)	0.89 ± 0.03 (4)
Relative (mg/g)	2.99 ± 0.07 (4)	3.01 ± 0.08 (4)	3.22 ± 0.01 (4)	3.02 ± 0.07 (4)
Liver				
Absolute (g)	10.68 ± 0.24 (4)	10.24 ± 0.70 (4)	10.59 ± 0.42 (4)	9.79 ± 0.31 (4)
Relative (mg/g)	35.17 ± 0.35 (4)	34.11 ± 1.48 (4)	34.53 ± 0.97 (4)	33.39 ± 0.09 (4) *

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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 ****