

Study Number: C99057-01

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: Ginseng

CAS Number: 50647-08-0

C99057-01

Male

See web page for date of PWG Approval

Date Report Requested: 11/18/2019

Time Report Requested: 14:02:13

Lab: Battelle

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Males

Treatment Groups (mg/kg)

	0	39.1	78.125	156.25	312.5
Terminal Body Wt. (g)	301.4 ± 4.9 (4)	307.4 ± 6.6 (4)	309.7 ± 5.0 (4)	305.4 ± 2.9 (4)	310.4 ± 7.1 (4)
R. Kidney					
Absolute (g)	0.98 ± 0.04 (4)	0.99 ± 0.04 (4)	0.98 ± 0.05 (4)	0.93 ± 0.02 (4)	0.97 ± 0.01 (4)
Relative (mg/g)	3.26 ± 0.12 (4)	3.23 ± 0.13 (4)	3.15 ± 0.12 (4)	3.05 ± 0.05 (4)	3.14 ± 0.07 (4)
L. Kidney					
Absolute (g)	0.98 ± 0.02 (4) *	0.98 ± 0.03 (4)	0.98 ± 0.03 (4)	0.96 ± 0.01 (4)	0.98 ± 0.02 (4)
Relative (mg/g)	3.25 ± 0.06 (4) **	3.18 ± 0.11 (4)	3.15 ± 0.06 (4)	3.13 ± 0.07 (4)	3.16 ± 0.06 (4)
Liver					
Absolute (g)	10.59 ± 0.15 (4)	11.62 ± 0.31 (4)	11.53 ± 0.27 (4)	11.32 ± 0.21 (4)	12.38 ± 0.42 (4) **
Relative (mg/g)	35.14 ± 0.53 (4)	37.78 ± 0.41 (4)	37.26 ± 0.97 (4)	37.07 ± 0.63 (4)	39.84 ± 0.45 (4) **

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Males

Treatment Groups (mg/kg)

	625	1250	2500	5000
Terminal Body Wt. (g)	311.1 ± 4.9 (4)	306.1 ± 3.7 (4)	308.7 ± 5.4 (4)	303.5 ± 6.9 (4)
R. Kidney				
Absolute (g)	0.95 ± 0.03 (4)	0.98 ± 0.03 (4)	0.95 ± 0.04 (4)	0.93 ± 0.05 (4)
Relative (mg/g)	3.04 ± 0.04 (4)	3.20 ± 0.09 (4)	3.06 ± 0.10 (4)	3.04 ± 0.10 (4)
L. Kidney				
Absolute (g)	0.93 ± 0.02 (4)	0.96 ± 0.03 (4)	0.93 ± 0.05 (4)	0.91 ± 0.04 (4)
Relative (mg/g)	2.97 ± 0.05 (4)	3.14 ± 0.09 (4)	3.01 ± 0.12 (4)	3.00 ± 0.07 (4)
Liver				
Absolute (g)	11.70 ± 0.44 (4)	11.49 ± 0.15 (4)	11.28 ± 0.44 (4)	10.42 ± 0.34 (4)
Relative (mg/g)	37.59 ± 1.01 (4)	37.55 ± 0.31 (4)	36.50 ± 0.94 (4)	34.32 ± 0.46 (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 ****