

Study Number: C10949-01

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: Acrylamide

CAS Number: 79-06-1

C10949-01

Male

See web page for date of PWG Approval

Date Report Requested: 11/15/2019

Time Report Requested: 13:31:38

Lab: Battelle

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Males

Treatment Groups (mg/kg)

	0	0.075	0.156	0.3125	0.625
Terminal Body Wt. (g)	295.4 ± 6.5 (4)	292.0 ± 8.0 (4)	294.6 ± 6.2 (4)	291.9 ± 4.5 (4)	298.3 ± 6.5 (4)
R. Kidney					
Absolute (g)	0.97 ± 0.02 (4)	0.93 ± 0.04 (4)	0.89 ± 0.01 (4)	0.92 ± 0.01 (4)	0.92 ± 0.04 (4)
Relative (mg/g)	3.29 ± 0.08 (4)	3.19 ± 0.07 (4)	3.01 ± 0.04 (4)	3.14 ± 0.05 (4)	3.09 ± 0.09 (4)
L. Kidney					
Absolute (g)	0.94 ± 0.02 (4)	0.94 ± 0.05 (4)	0.87 ± 0.02 (4)	0.93 ± 0.02 (4)	0.95 ± 0.04 (4)
Relative (mg/g)	3.19 ± 0.13 (4)	3.20 ± 0.11 (4)	2.94 ± 0.08 (4)	3.17 ± 0.04 (4)	3.17 ± 0.10 (4)
Liver					
Absolute (g)	11.48 ± 0.10 (4)	10.59 ± 0.49 (4)	11.14 ± 0.30 (4)	10.53 ± 0.16 (4)	11.21 ± 0.54 (4)
Relative (mg/g)	38.88 ± 0.61 (4)	36.20 ± 0.95 (4)	37.82 ± 0.55 (4)	36.08 ± 0.30 (4)	37.52 ± 1.01 (4)

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Males

Treatment Groups (mg/kg)

	1.25	2.5	5	10
Terminal Body Wt. (g)	292.9 ± 5.4 (4)	295.2 ± 9.0 (4)	293.1 ± 4.5 (4)	293.5 ± 5.3 (4)
R. Kidney				
Absolute (g)	0.91 ± 0.03 (4)	0.96 ± 0.05 (4)	0.90 ± 0.03 (4)	0.92 ± 0.03 (4)
Relative (mg/g)	3.10 ± 0.08 (4)	3.25 ± 0.10 (4)	3.05 ± 0.07 (4)	3.14 ± 0.08 (4)
L. Kidney				
Absolute (g)	0.94 ± 0.04 (4)	0.94 ± 0.04 (4)	0.93 ± 0.01 (4)	0.88 ± 0.01 (4)
Relative (mg/g)	3.19 ± 0.10 (4)	3.19 ± 0.09 (4)	3.17 ± 0.03 (4)	3.00 ± 0.03 (4)
Liver				
Absolute (g)	10.80 ± 0.46 (4)	11.15 ± 0.54 (4)	11.06 ± 0.32 (4)	11.04 ± 0.30 (4)
Relative (mg/g)	36.83 ± 0.92 (4)	37.72 ± 1.05 (4)	37.71 ± 0.58 (4)	37.60 ± 0.62 (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 ****