Study Number:	C11054B-01
Study Sex:	Both
PWG Approval Date:	See web page for date of PWG Approval
Version:	v1.2.7
Stat Version:	S

Study Number: C11054B-01
Test Type: TOX
Route: Dosing in Water
Species/Strain: Rat/Harlan Sprague Dawley

PA06: Organ Weights Summary (Interim Animals)
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 07/15/2021
Time Report Requested: 07:53:25
Lab: Battelle with CRL

F1 Males: F1 Interim Animals

	Treatment Groups (mg/L)				
	0	**30**	**100**	**300**	**1000**
Terminal Body Wt. (g)	483.5 ± 9.0 (10) **	461.8 ± 6.3 (10)	449.5 ± 5.6 (10) *	455.9 ± 10.8 (10) *	439.7 ± 9.4 (10) **
R. Epididymis					
Absolute (g)	0.6997 ± 0.0246 (10)	0.6984 ± 0.0238 (10)	0.6735 ± 0.0099 (10)	0.7221 ± 0.0178 (10)	0.6911 ± 0.0225 (10)
Relative (mg/g)	1.45 ± 0.04 (10) *	1.51 ± 0.05 (10)	1.50 ± 0.02 (10)	1.59 ± 0.06 (10)	1.57 ± 0.04 (10)
L. Epididymis					
Absolute (g)	0.7031 ± 0.0124 (10)	0.6929 ± 0.0196 (10)	0.6653 ± 0.0104 (10)	0.7132 ± 0.0138 (10)	0.6631 ± 0.0124 (10)
Relative (mg/g)	1.46 ± 0.03 (10)	1.50 ± 0.05 (10)	1.48 ± 0.02 (10)	1.57 ± 0.05 (10)	1.51 ± 0.02 (10)
Heart					
Absolute (g)	1.62 ± 0.03 (10) **	1.57 ± 0.03 (10)	1.52 ± 0.02 (10)	1.53 ± 0.04 (10)	1.50 ± 0.05 (10) *
Relative (mg/g)	3.35 ± 0.03 (10)	3.41 ± 0.05 (10)	3.39 ± 0.05 (10)	3.36 ± 0.05 (10)	3.41 ± 0.08 (10)
R. Kidney					
Absolute (g)	1.59 ± 0.03 (10)	1.53 ± 0.04 (10)	1.56 ± 0.03 (10)	1.53 ± 0.04 (10)	1.57 ± 0.05 (10)
Relative (mg/g)	3.29 ± 0.07 (10) **	3.32 ± 0.05 (10)	3.47 ± 0.06 (10)	3.37 ± 0.10 (10)	3.58 ± 0.08 (10) **
L. Kidney					
Absolute (g)	1.55 ± 0.04 (10)	1.50 ± 0.04 (10)	1.49 ± 0.03 (10)	1.49 ± 0.04 (10)	1.51 ± 0.05 (10)
Relative (mg/g)	3.20 ± 0.07 (10) *	3.25 ± 0.06 (10)	3.30 ± 0.06 (10)	3.27 ± 0.07 (10)	3.44 ± 0.07 (10)
Liver					
Absolute (g)	19.42 ± 0.36 (10)	18.55 ± 0.54 (10)	18.12 ± 0.39 (10)	18.49 ± 0.75 (10)	18.78 ± 0.77 (10)
Relative (mg/g)	40.19 ± 0.56 (10)	40.14 ± 0.85 (10)	40.30 ± 0.59 (10)	40.46 ± 1.02 (10)	42.63 ± 1.23 (10)
Lung					
Absolute (g)	2.68 ± 0.15 (10)	2.45 ± 0.12 (10)	2.50 ± 0.06 (10)	2.50 ± 0.11 (10)	2.50 ± 0.18 (10)
Relative (mg/g)	5.54 ± 0.25 (10)	5.29 ± 0.23 (10)	5.57 ± 0.14 (10)	5.51 ± 0.28 (10)	5.67 ± 0.37 (10)
R. Testis					
Absolute (g)	2.089 ± 0.041 (10)	2.028 ± 0.062 (10)	2.051 ± 0.040 (10)	2.150 ± 0.040 (10)	2.038 ± 0.030 (10)
Relative (mg/g)	4.33 ± 0.09 (10) **	4.40 ± 0.15 (10)	4.57 ± 0.11 (10)	4.74 ± 0.13 (10) *	4.64 ± 0.07 (10) *
L. Testis					
Absolute (g)	2.124 ± 0.042 (10)	2.001 ± 0.063 (10)	2.086 ± 0.036 (10)	2.188 ± 0.036 (10)	2.079 ± 0.035 (10)
Relative (mg/g)	4.41 ± 0.12 (10) **	4.34 ± 0.15 (10)	4.65 ± 0.11 (10)	4.82 ± 0.12 (10) *	4.74 ± 0.09 (10) *

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F1 Males: F1 Interim Animals

	Treatment Groups (mg/L)				
	0	**30**	**100**	**300**	**1000**
Thymus					
Absolute (g)	0.384 ± 0.022 (10)	0.379 ± 0.016 (10)	0.341 ± 0.021 (10)	0.356 ± 0.017 (10)	0.344 ± 0.016 (10)
Relative (mg/g)	0.80 ± 0.05 (10)	0.82 ± 0.03 (10)	0.76 ± 0.05 (10)	0.78 ± 0.03 (10)	0.79 ± 0.05 (10)

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F1 Females: F1 Interim Animals

	Treatment Groups (mg/L)														
	0			30			100			300			1000		
Terminal Body Wt. (g)	265.5	± 5.4	(10)	276.5	± 5.1	(10)	284.2	± 7.7	(10)	277.1	± 3.9	(10)	258.8	± 8.6	(10)
Heart															
Absolute (g)	0.99	± 0.03	(10)	1.03	± 0.02	(10)	1.04	± 0.02	(10)	1.03	± 0.02	(10)	1.00	± 0.02	(9)
Relative (mg/g)	3.71	± 0.09	(10)	3.72	± 0.07	(10)	3.68	± 0.07	(10)	3.73	± 0.05	(10)	3.91	± 0.14	(9)
R. Kidney															
Absolute (g)	0.89	± 0.02	(10)	0.90	± 0.02	(10)	0.95	± 0.02	(10)	0.93	± 0.02	(10)	0.90	± 0.02	(10)
Relative (mg/g)	3.34	± 0.05	(10)	3.25	± 0.05	(10)	3.37	± 0.08	(10)	3.35	± 0.05	(10)	3.49	± 0.10	(10)
L. Kidney															
Absolute (g)	0.88	± 0.03	(10)	0.82	± 0.07	(10)	0.91	± 0.02	(10)	0.90	± 0.02	(10)	0.89	± 0.02	(10)
Relative (mg/g)	3.32	± 0.08	(10)	2.95	± 0.23	(10)	3.23	± 0.08	(10)	3.25	± 0.04	(10)	3.44	± 0.08	(10)
Liver															
Absolute (g)	10.10	± 0.35	(10)	10.68	± 0.35	(10)	10.88	± 0.57	(10)	10.90	± 0.59	(10)	10.33	± 0.29	(10)
Relative (mg/g)	38.03	± 0.93	(10)	38.65	± 1.07	(10)	38.20	± 1.31	(10)	39.16	± 1.58	(10)	40.09	± 0.97	(10)
Lung															
Absolute (g)	1.92	± 0.08	(10)	1.87	± 0.07	(10)	2.00	± 0.09	(9)	1.88	± 0.07	(10)	1.95	± 0.14	(10)
Relative (mg/g)	7.25	± 0.27	(10)	6.78	± 0.25	(10)	6.96	± 0.33	(9)	6.80	± 0.26	(10)	7.52	± 0.46	(10)
R. Ovary															
Absolute (g)	0.0475	± 0.0034	(10)	0.0533	± 0.0021	(10)	0.0569	± 0.0047	(10)	0.0575	± 0.0039	(10)	0.0514	± 0.0024	(10)
Relative (mg/g)	0.18	± 0.01	(10)	0.19	± 0.01	(10)	0.20	± 0.02	(10)	0.21	± 0.01	(10)	0.20	± 0.01	(10)
L. Ovary															
Absolute (g)	0.0478	± 0.0031	(10)	0.0567	± 0.0035	(9)	0.0497	± 0.0037	(10)	0.0540	± 0.0028	(10)	0.0487	± 0.0033	(10)
Relative (mg/g)	0.18	± 0.01	(10)	0.21	± 0.01	(9)	0.18	± 0.01	(10)	0.19	± 0.01	(10)	0.19	± 0.01	(10)
Thymus															
Absolute (g)	0.266	± 0.021	(10)	0.241	± 0.011	(9)	0.245	± 0.013	(10)	0.251	± 0.016	(10)	0.268	± 0.018	(10)
Relative (mg/g)	1.00	± 0.08	(10)	0.87	± 0.04	(9)	0.86	± 0.05	(10)	0.90	± 0.05	(10)	1.04	± 0.06	(10)

LEGEND

Data are displayed as mean ± 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 <= 0.05

** Statistically significant at P <= 0.01

Three absolute organ weight observations, along with the organ weight relative to body weight values calculated from these observations, were excluded from the analysis as outliers: thymus and left ovary weights for an F1 Interim Female in the 30 mg/L group, heart weight for an F1 Interim Female in the 1000 mg/L group.

** END OF REPORT **