

Study Number: C94043-04
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary
Test Compound: Sodium Metavanadate
CAS Number: 13718-26-8

Date Report Requested: 06/27/2022
Time Report Requested: 12:28:55
Lab: Battelle with EPL

Study Number: C94043-04
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.4.1
Stat Version: A

Study Number: C94043-04
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary
Test Compound: Sodium Metavanadate
CAS Number: 13718-26-8

Date Report Requested: 06/27/2022
Time Report Requested: 12:28:55
Lab: Battelle with EPL

Males: Core Males

	Treatment Groups (mg/L)														
	0			31.3			62.5			125			250		
Terminal Body Wt. (g)	41.9	± 1.1	(10) **	43.3	± 1.2	(10)	42.4	± 1.1	(10)	42.7	± 1.1	(10)	37.5	± 0.9	(10) **
R. Epididymis															
Absolute (g)	0.0508 ± 0.0037 (10)			0.0523 ± 0.0028 (10)			0.0544 ± 0.0030 (10)			0.0537 ± 0.0027 (10)			0.0520 ± 0.0034 (10)		
Relative (mg/g)	1.22	± 0.10	(10) **	1.21	± 0.06	(10)	1.28	± 0.06	(10)	1.27	± 0.09	(10)	1.39	± 0.10	(10)
L. Epididymis															
Absolute (g)	0.0439 ± 0.0010 (10) *			0.0507 ± 0.0048 (10)			0.0520 ± 0.0018 (10)			0.0456 ± 0.0008 (10)			0.0434 ± 0.0011 (10)		
Relative (mg/g)	1.05	± 0.04	(10) **	1.16	± 0.10	(10)	1.23	± 0.05	(10)	1.08	± 0.03	(10)	1.16	± 0.03	(10)
Heart															
Absolute (g)	0.18	± 0.00	(10) **	0.18	± 0.00	(10)	0.19	± 0.01	(10)	0.18	± 0.01	(10)	0.18	± 0.01	(10)
Relative (mg/g)	4.23	± 0.09	(10) **	4.25	± 0.15	(10)	4.44	± 0.24	(10)	4.23	± 0.11	(10)	4.69	± 0.23	(10)
R. Kidney															
Absolute (g)	0.32	± 0.00	(10)	0.34	± 0.01	(10)	0.33	± 0.01	(10)	0.33	± 0.00	(10)	0.34	± 0.01	(10)
Relative (mg/g)	7.59	± 0.18	(10) **	7.98	± 0.18	(10)	7.86	± 0.22	(10)	7.82	± 0.19	(10)	9.02	± 0.15	(10) **
L. Kidney															
Absolute (g)	0.29	± 0.00	(10) *	0.31	± 0.01	(10)	0.31	± 0.01	(10)	0.32	± 0.01	(10) *	0.32	± 0.01	(10) *
Relative (mg/g)	6.93	± 0.18	(10) **	7.07	± 0.12	(10)	7.31	± 0.15	(10)	7.41	± 0.15	(10) *	8.43	± 0.15	(10) **
Liver															
Absolute (g)	1.96	± 0.10	(10) **	2.01	± 0.07	(10)	2.09	± 0.07	(10)	2.01	± 0.06	(10)	1.79	± 0.06	(10)
Relative (mg/g)	46.72	± 1.63	(10) **	46.47	± 0.76	(10)	49.34	± 0.99	(10)	47.18	± 0.90	(10)	47.69	± 0.99	(10)
Lung															
Absolute (g)	0.23	± 0.01	(10)	0.27	± 0.02	(10)	0.26	± 0.01	(10)	0.26	± 0.01	(10)	0.23	± 0.01	(10)
Relative (mg/g)	5.46	± 0.27	(10) **	6.21	± 0.37	(10)	6.13	± 0.29	(10)	6.04	± 0.21	(10)	6.07	± 0.39	(10)
R. Testis															
Absolute (g)	0.125	± 0.003	(10) **	0.122	± 0.005	(10)	0.122	± 0.003	(10)	0.124	± 0.004	(10)	0.115	± 0.005	(10)
Relative (mg/g)	2.99	± 0.12	(10) **	2.81	± 0.09	(10)	2.89	± 0.10	(10)	2.93	± 0.12	(10)	3.07	± 0.12	(10)
L. Testis															
Absolute (g)	0.117	± 0.002	(10)	0.114	± 0.009	(10)	0.120	± 0.003	(10)	0.120	± 0.003	(10)	0.111	± 0.004	(10)
Relative (mg/g)	2.82	± 0.11	(10) **	2.61	± 0.19	(10)	2.83	± 0.09	(10)	2.83	± 0.09	(10)	2.97	± 0.10	(10)

Study Number: C94043-04
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary
Test Compound: Sodium Metavanadate
CAS Number: 13718-26-8

Date Report Requested: 06/27/2022
Time Report Requested: 12:28:55
Lab: Battelle with EPL

Males: Core Males

Treatment Groups (mg/L)

	0	31.3	62.5	125	250
Thymus					
Absolute (g)	0.065 ± 0.007 (10) **	0.071 ± 0.007 (10)	0.059 ± 0.005 (9)	0.059 ± 0.007 (10)	0.047 ± 0.003 (10) *
Relative (mg/g)	1.53 ± 0.12 (10) *	1.65 ± 0.15 (10)	1.37 ± 0.09 (9)	1.37 ± 0.13 (10)	1.24 ± 0.07 (10)

Study Number: C94043-04
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary
Test Compound: Sodium Metavanadate
CAS Number: 13718-26-8

Date Report Requested: 06/27/2022
Time Report Requested: 12:28:55
Lab: Battelle with EPL

Males: Core Males

Treatment Groups (mg/L)

500

Terminal Body Wt. (g)	31.2	± 0.7	(9) **
R. Epididymis			
Absolute (g)	0.0505	± 0.0023	(9)
Relative (mg/g)	1.62	± 0.06	(9) **
L. Epididymis			
Absolute (g)	0.0406	± 0.0006	(9)
Relative (mg/g)	1.31	± 0.02	(9) **
Heart			
Absolute (g)	0.15	± 0.01	(9) *
Relative (mg/g)	4.91	± 0.13	(9) **
R. Kidney			
Absolute (g)	0.32	± 0.01	(9)
Relative (mg/g)	10.39	± 0.21	(9) **
L. Kidney			
Absolute (g)	0.30	± 0.01	(9)
Relative (mg/g)	9.73	± 0.19	(9) **
Liver			
Absolute (g)	1.64	± 0.07	(9) **
Relative (mg/g)	52.50	± 1.50	(9) **
Lung			
Absolute (g)	0.22	± 0.01	(9)
Relative (mg/g)	7.16	± 0.26	(9) **
R. Testis			
Absolute (g)	0.117	± 0.002	(9)
Relative (mg/g)	3.75	± 0.07	(9) **
L. Testis			
Absolute (g)	0.114	± 0.002	(9)
Relative (mg/g)	3.68	± 0.05	(9) **

Study Number: C94043-04
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary
Test Compound: Sodium Metavanadate
CAS Number: 13718-26-8

Date Report Requested: 06/27/2022
Time Report Requested: 12:28:55
Lab: Battelle with EPL

Males: Core Males

Treatment Groups (mg/L)

500

Thymus

Absolute (g)	0.042 ± 0.002 (9) **
Relative (mg/g)	1.34 ± 0.07 (9)

Study Number: C94043-04
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary
Test Compound: Sodium Metavanadate
CAS Number: 13718-26-8

Date Report Requested: 06/27/2022
Time Report Requested: 12:28:55
Lab: Battelle with EPL

Females: Core Females

	Treatment Groups (mg/L)														
	0			31.3			62.5			125			250		
Terminal Body Wt. (g)	32.2	± 1.2	(10) **	33.9	± 1.0	(10)	34.0	± 1.6	(10)	30.9	± 1.0	(10)	27.6	± 0.9	(9) **
Heart															
Absolute (g)	0.12	± 0.00	(10) *	0.14	± 0.01	(10) *	0.13	± 0.00	(10)	0.13	± 0.00	(10)	0.13	± 0.00	(9)
Relative (mg/g)	3.87	± 0.12	(10) **	4.28	± 0.22	(10)	3.86	± 0.13	(10)	4.09	± 0.13	(10)	4.63	± 0.24	(9) **
R. Kidney															
Absolute (g)	0.17	± 0.01	(10)	0.17	± 0.00	(10)	0.17	± 0.00	(10)	0.17	± 0.00	(10)	0.17	± 0.00	(9)
Relative (mg/g)	5.26	± 0.11	(10) **	5.15	± 0.10	(10)	5.15	± 0.17	(10)	5.49	± 0.15	(10)	6.37	± 0.21	(9) **
L. Kidney															
Absolute (g)	0.15	± 0.00	(10)	0.17	± 0.00	(10)	0.16	± 0.00	(10)	0.16	± 0.00	(10)	0.16	± 0.00	(9)
Relative (mg/g)	4.76	± 0.08	(10) **	4.95	± 0.11	(10)	4.73	± 0.17	(10)	5.08	± 0.15	(10)	6.00	± 0.20	(9) **
Liver															
Absolute (g)	1.20	± 0.04	(10) *	1.27	± 0.05	(10)	1.28	± 0.04	(10)	1.22	± 0.04	(10)	1.20	± 0.03	(9)
Relative (mg/g)	37.32	± 0.91	(10) **	37.56	± 0.96	(10)	37.84	± 0.85	(10)	39.67	± 1.15	(10)	43.70	± 0.69	(9) **
Lung															
Absolute (g)	0.24	± 0.02	(10)	0.27	± 0.02	(10)	0.22	± 0.02	(10)	0.24	± 0.02	(10)	0.25	± 0.02	(9)
Relative (mg/g)	7.45	± 0.47	(10) *	7.87	± 0.68	(10)	6.46	± 0.37	(10)	7.65	± 0.56	(10)	9.14	± 0.79	(9)
R. Ovary															
Absolute (g)	0.0100 ± 0.0009 (10) *			0.0124 ± 0.0012 (10)			0.0131 ± 0.0026 (10)			0.0081 ± 0.0006 (10)			0.0107 ± 0.0022 (9)		
Relative (mg/g)	0.31	± 0.03	(10)	0.37	± 0.04	(10)	0.39	± 0.08	(10)	0.27	± 0.03	(10)	0.39	± 0.08	(9)
L. Ovary															
Absolute (g)	0.0101 ± 0.0014 (10)			0.0127 ± 0.0010 (10)			0.0117 ± 0.0029 (10)			0.0071 ± 0.0010 (10)			0.0110 ± 0.0018 (9)		
Relative (mg/g)	0.31	± 0.04	(10)	0.38	± 0.03	(10)	0.33	± 0.08	(10)	0.23	± 0.03	(10)	0.40	± 0.07	(9)
Thymus															
Absolute (g)	0.060	± 0.003	(10) **	0.069	± 0.005	(10)	0.061	± 0.003	(10)	0.053	± 0.002	(10)	0.052	± 0.003	(9)
Relative (mg/g)	1.85	± 0.07	(10)	2.02	± 0.12	(10)	1.81	± 0.07	(10)	1.71	± 0.04	(10)	1.88	± 0.07	(9)

Study Number: C94043-04
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary
Test Compound: Sodium Metavanadate
CAS Number: 13718-26-8

Date Report Requested: 06/27/2022
Time Report Requested: 12:28:55
Lab: Battelle with EPL

Females: Core Females

	Treatment Groups (mg/L)		
	500		
Terminal Body Wt. (g)	24.9	± 0.3	(10) **
Heart			
Absolute (g)	0.12	± 0.00	(10)
Relative (mg/g)	4.75	± 0.18	(10) **
R. Kidney			
Absolute (g)	0.18	± 0.00	(10)
Relative (mg/g)	7.12	± 0.13	(10) **
L. Kidney			
Absolute (g)	0.16	± 0.00	(10)
Relative (mg/g)	6.52	± 0.14	(10) **
Liver			
Absolute (g)	1.14	± 0.02	(10)
Relative (mg/g)	45.80	± 0.69	(10) **
Lung			
Absolute (g)	0.24	± 0.01	(10)
Relative (mg/g)	9.49	± 0.66	(10)
R. Ovary			
Absolute (g)	0.0085	± 0.0006	(10)
Relative (mg/g)	0.34	± 0.03	(10)
L. Ovary			
Absolute (g)	0.0099	± 0.0016	(10)
Relative (mg/g)	0.40	± 0.07	(10)
Thymus			
Absolute (g)	0.045	± 0.002	(10) **
Relative (mg/g)	1.79	± 0.09	(10)

Study Number: C94043-04
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary
Test Compound: Sodium Metavanadate
CAS Number: 13718-26-8

Date Report Requested: 06/27/2022
Time Report Requested: 12:28:55
Lab: Battelle with EPL

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 $P \leq 0.01$

One value for Thymus weight for a male in the 62.5 mg/L group was excluded because it was an outlier.

**** END OF REPORT ****