

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

**I04: Mean Body Weight Summary**  
**Test Compound:** Sodium Metavanadate  
**CAS Number:** 13718-26-8

**Date Report Requested:** 05/10/2022  
**Time Report Requested:** 07:33:16  
**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:** v2.8.7A

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Males: Core Males

Treatment Groups (mg/L)

Phase Day	0			31.3			62.5			125		
	Wt (g)	N		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD0	23.0 ± 0.4	10		23.3 ± 0.3	101.4	10	23.2 ± 0.3	101.2	10	23.2 ± 0.4	101.2	10
SD7	25.0 ± 0.3 **	10		25.2 ± 0.3	100.8	10	24.9 ± 0.3	99.6	10	25.1 ± 0.3	100.4	10
SD14	26.2 ± 0.3 **	10		26.5 ± 0.3	101.1	10	26.0 ± 0.4	99.2	10	26.3 ± 0.4	100.2	10
SD21	27.8 ± 0.3 **	10		27.9 ± 0.4	100.1	10	27.3 ± 0.4	98.1	10	27.6 ± 0.5	99.4	10
SD28	29.0 ± 0.4 **	10		29.4 ± 0.6	101.3	9	28.5 ± 0.4	98.1	10	28.9 ± 0.5	99.4	10
SD35	30.5 ± 0.5 **	10		30.7 ± 0.7	100.8	10	29.9 ± 0.4	97.9	10	30.5 ± 0.6	100.0	10
SD42	32.2 ± 0.9 **	10		32.7 ± 0.7	101.6	10	31.7 ± 0.4	98.4	10	32.0 ± 0.7	99.6	10
SD49	34.3 ± 0.7 **	10		34.5 ± 0.9	100.7	10	33.2 ± 0.5	96.8	10	33.8 ± 0.9	98.7	10
SD56	35.0 ± 0.8 **	10		35.7 ± 0.9	102.0	10	34.3 ± 0.7	98.1	10	35.2 ± 1.0	100.6	10
SD63	36.7 ± 1.0 **	10		37.5 ± 0.9	102.4	10	36.5 ± 0.7	99.6	10	37.3 ± 1.1	101.8	10
SD70	37.6 ± 1.0 **	10		38.9 ± 1.1	103.2	10	37.2 ± 0.8	98.8	10	38.0 ± 1.0	100.9	10
SD77	38.5 ± 1.1 **	10		39.9 ± 1.2	103.6	10	38.7 ± 0.9	100.4	10	39.3 ± 1.2	102.0	10
SD84	39.9 ± 1.2 **	10		41.5 ± 1.3	104.0	10	40.1 ± 1.0	100.6	10	40.6 ± 1.2	101.7	10
SD91	41.9 ± 1.1 **	10		43.3 ± 1.2	103.2	10	42.4 ± 1.1	101.0	10	42.7 ± 1.1	101.7	10

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**Males: Core Males**

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Phase Day	Treatment Groups (mg/L)					
	250			500		
	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD0	23.4 ± 0.2	102.0	10	23.4 ± 0.2	101.9	10
SD7	24.3 ± 0.3	97.0	10	21.9 ± 0.4 **	87.5	10
SD14	25.4 ± 0.3	96.9	10	21.4 ± 0.7 **	81.6	9
SD21	26.2 ± 0.3 **	94.2	10	22.0 ± 0.6 **	79.1	9
SD28	27.0 ± 0.4 **	93.1	10	23.7 ± 0.5 **	81.6	9
SD35	28.4 ± 0.5 **	93.0	10	24.9 ± 0.6 **	81.7	9
SD42	29.6 ± 0.5 *	92.1	10	26.4 ± 0.5 **	82.3	9
SD49	30.6 ± 0.5 **	89.3	10	27.2 ± 0.5 **	79.5	9
SD56	31.5 ± 0.7 **	90.2	10	27.8 ± 0.6 **	79.4	9
SD63	33.1 ± 0.6 **	90.2	10	28.9 ± 0.5 **	78.8	9
SD70	34.1 ± 0.7 **	90.5	10	29.0 ± 0.5 **	77.1	9
SD77	34.7 ± 0.7 **	90.1	10	29.3 ± 0.6 **	75.9	9
SD84	35.8 ± 0.8 **	89.8	10	30.0 ± 0.6 **	75.2	9
SD91	37.5 ± 0.9 **	89.5	10	31.2 ± 0.7 **	74.3	9

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Females: Core Females

Treatment Groups (mg/L)

Phase Day	0			31.3			62.5			125		
	Wt (g)	N		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD0	18.4 ± 0.3	10		18.4 ± 0.4	99.6	10	18.6 ± 0.3	101.1	10	18.6 ± 0.2	100.8	10
SD7	19.1 ± 0.4 **	10		19.0 ± 0.3	99.1	10	19.2 ± 0.2	100.3	10	18.5 ± 0.2	96.9	10
SD14	20.4 ± 0.4 **	10		20.9 ± 0.4	102.2	10	20.7 ± 0.4	101.4	10	20.2 ± 0.3	98.8	10
SD21	21.5 ± 0.3 **	10		21.6 ± 0.3	100.4	10	21.7 ± 0.4	100.9	10	21.5 ± 0.2	100.0	10
SD28	22.3 ± 0.5 **	9		22.1 ± 0.5	99.2	10	22.3 ± 0.5	100.1	10	22.2 ± 0.4	99.7	10
SD35	23.5 ± 0.4 **	10		23.6 ± 0.5	100.2	10	24.3 ± 0.7	103.1	10	22.7 ± 0.4	96.3	10
SD42	24.2 ± 0.4 **	10		24.5 ± 0.6	101.5	10	25.3 ± 0.7	104.8	10	24.0 ± 0.4	99.3	10
SD49	25.2 ± 0.7 **	10		25.6 ± 0.6	101.4	10	27.1 ± 0.8	107.4	10	25.4 ± 0.6	100.5	10
SD56	25.8 ± 0.7 **	10		26.7 ± 0.8	103.5	10	28.2 ± 1.1	109.2	10	25.9 ± 0.8	100.4	10
SD63	27.3 ± 1.0 **	10		27.7 ± 0.8	101.5	10	29.6 ± 1.2	108.4	10	26.7 ± 1.0	97.7	10
SD70	29.2 ± 1.1 **	10		29.8 ± 0.9	102.2	10	31.1 ± 1.5	106.6	10	28.6 ± 0.8	97.9	10
SD77	29.3 ± 1.0 **	10		30.8 ± 0.8	105.1	10	32.1 ± 1.3	109.6	10	28.5 ± 0.9	97.4	10
SD84	30.8 ± 1.2 **	10		32.8 ± 1.0	106.5	10	33.0 ± 1.7	107.2	10	29.8 ± 1.0	96.9	10
SD91	32.2 ± 1.2 **	10		33.9 ± 1.0	105.2	10	34.0 ± 1.6	105.6	10	30.9 ± 1.0	96.0	10

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	250			500		
	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD0	18.8 ± 0.3	102.0	10	18.7 ± 0.3	101.2	10
SD7	19.0 ± 0.2	99.1	10	17.7 ± 0.3 **	92.3	10
SD14	20.0 ± 0.2	97.8	10	19.0 ± 0.2 **	93.1	10
SD21	20.9 ± 0.3	97.1	10	20.3 ± 0.3 *	94.5	10
SD28	21.6 ± 0.3	97.1	10	20.9 ± 0.2 *	93.9	10
SD35	22.6 ± 0.2	96.0	9	21.6 ± 0.3 **	91.6	10
SD42	23.2 ± 0.5	95.9	9	22.7 ± 0.3 *	93.8	10
SD49	24.6 ± 0.7	97.5	9	23.3 ± 0.2 *	92.2	10
SD56	24.7 ± 0.6	95.6	9	23.1 ± 0.2 *	89.4	10
SD63	25.4 ± 0.7	93.0	9	23.5 ± 0.3 **	86.2	10
SD70	25.9 ± 0.6 *	88.8	9	24.3 ± 0.2 **	83.3	10
SD77	26.7 ± 0.7	91.1	9	24.1 ± 0.2 **	82.2	10
SD84	26.7 ± 0.8 *	86.8	8	24.5 ± 0.3 **	79.5	10
SD91	27.6 ± 0.9 **	85.7	9	24.9 ± 0.3 **	77.2	10

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#### LEGEND

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Data are displayed as mean  $\pm$  SEM

SD – Study Day

Statistical analysis of weight data 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  $P \leq 0.01$

Decrease in N for SD 14 in the 500 mg/L and for SD 28 in the 31.3 mg/L groups is due to one male's body weight being excluded because it was an outlier.

Decrease in N for SD 28 in the 0 mg/L and for SD 84 in the 250 mg/L groups is due to one female's body weight being excluded because it was an outlier.

**\*\* END OF REPORT \*\***