

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

**I04G: Mean Body Weight Gain**  
**Test Compound:** Sodium Metavanadate  
**CAS Number:** 13718-26-8

**Date Report Requested:** 06/24/2019  
**Time Report Requested:** 12:10:50  
**Lab:** Battelle

**C Number:**

C94043-04

**Study Gender:**

Both

**PWG Approval Date**

See web page for date of PWG Approval

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Males: Core Males

Phase	Litter ID	Days	Treatment Groups (mg/L)									
			0		31.3		62.5		125		250	
			Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7		2.1 ± 0.2 **	10	1.9 ± 0.1	10	1.7 ± 0.1	10	1.9 ± 0.2	10	0.8 ± 0.1 **	10
	7 - 14		1.2 ± 0.2 **	10	1.3 ± 0.1	10	1.1 ± 0.1	10	1.2 ± 0.2	10	1.1 ± 0.1	10
	14 - 21		1.6 ± 0.1 **	10	1.3 ± 0.1	10	1.3 ± 0.1	10	1.4 ± 0.2	10	0.8 ± 0.1 **	10
	21 - 28		1.2 ± 0.1	10	1.6 ± 0.2	9	1.2 ± 0.1	10	1.2 ± 0.1	10	0.8 ± 0.2	10
	28 - 35		1.5 ± 0.2	10	1.4 ± 0.3	9	1.4 ± 0.1	10	1.7 ± 0.1	10	1.4 ± 0.1	10
	35 - 42		1.7 ± 0.6 **	10	1.9 ± 0.2	10	1.8 ± 0.2	10	1.5 ± 0.2	10	1.3 ± 0.2	10
	42 - 49		2.1 ± 0.5 **	10	1.8 ± 0.3	10	1.5 ± 0.2	10	1.8 ± 0.3	10	1.0 ± 0.1 **	10
	49 - 56		0.7 ± 0.2	10	1.1 ± 0.2	10	1.1 ± 0.3	10	1.4 ± 0.2	10	0.9 ± 0.3	10
	56 - 63		1.7 ± 0.2 *	10	1.9 ± 0.2	10	2.2 ± 0.2	10	2.1 ± 0.2	10	1.5 ± 0.2	10
	63 - 70		1.0 ± 0.2 *	10	1.3 ± 0.2	10	0.7 ± 0.2	10	0.7 ± 0.2	10	1.0 ± 0.3	10
	70 - 77		0.9 ± 0.2 *	10	1.1 ± 0.2	10	1.5 ± 0.2	10	1.3 ± 0.2	10	0.7 ± 0.2	10
	77 - 84		1.3 ± 0.2 *	10	1.5 ± 0.2	10	1.4 ± 0.2	10	1.2 ± 0.2	10	1.1 ± 0.2	10
	84 - 91		2.1 ± 0.2 *	10	1.8 ± 0.2	10	2.3 ± 0.2	10	2.1 ± 0.2	10	1.7 ± 0.2	10
0 - 91		19.0 ± 0.9 **	10	20.0 ± 1.1	10	19.2 ± 0.9	10	19.4 ± 0.9	10	14.1 ± 0.8 **	10	

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**Males: Core Males**

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Phase	Litter ID	Days	Treatment Groups	
			500	
			Wt Gain (g)	N
SD		0 - 7	-1.5 ± 0.4 **	10
		7 - 14	-0.4 ± 0.4 **	9
		14 - 21	0.2 ± 0.2 **	8
		21 - 28	1.7 ± 0.4	9
		28 - 35	1.2 ± 0.3	9
		35 - 42	1.5 ± 0.4	9
		42 - 49	0.8 ± 0.1 **	9
		49 - 56	0.5 ± 0.2	9
		56 - 63	1.1 ± 0.1	9
		63 - 70	0.1 ± 0.2	9
		70 - 77	0.2 ± 0.2	9
		77 - 84	0.7 ± 0.2	9
		84 - 91	1.2 ± 0.2 **	9
		0 - 91	7.8 ± 0.7 **	9

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**Females: Core Females**

Phase	Litter ID	Days	Treatment Groups (mg/L)									
			0		31.3		62.5		125		250	
			Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD		0 - 7	0.7 ± 0.2 **	10	0.6 ± 0.1	10	0.6 ± 0.2	10	-0.0 ± 0.1 *	10	0.2 ± 0.2 *	10
		7 - 14	1.3 ± 0.3 *	10	1.9 ± 0.1	10	1.5 ± 0.2	10	1.6 ± 0.2	10	1.0 ± 0.1	10
		14 - 21	1.1 ± 0.2	10	0.7 ± 0.2	10	1.0 ± 0.2	10	1.3 ± 0.2	10	0.9 ± 0.1	10
		21 - 28	0.7 ± 0.2	9	0.5 ± 0.2	10	0.6 ± 0.3	10	0.7 ± 0.2	10	0.7 ± 0.2	10
		28 - 35	1.3 ± 0.2 **	9	1.5 ± 0.3	10	2.0 ± 0.4	10	0.5 ± 0.2	10	0.9 ± 0.2	9
		35 - 42	0.6 ± 0.4	10	0.9 ± 0.4	10	1.0 ± 0.5	10	1.3 ± 0.1	10	0.6 ± 0.3	9
		42 - 49	1.1 ± 0.6	10	1.1 ± 0.4	10	1.8 ± 0.5	10	1.4 ± 0.3	10	1.4 ± 0.3	9
		49 - 56	0.6 ± 0.7	10	1.2 ± 0.5	10	1.1 ± 0.5	10	0.6 ± 0.5	10	0.1 ± 0.4	9
		56 - 63	1.5 ± 0.5	10	1.0 ± 0.6	10	1.4 ± 0.6	10	0.8 ± 0.4	10	0.7 ± 0.5	9
		63 - 70	1.9 ± 0.3 **	10	2.1 ± 0.3	10	1.5 ± 0.7	10	1.9 ± 0.4	10	0.5 ± 0.5	9
		70 - 77	0.1 ± 0.4	10	1.0 ± 0.5	10	1.0 ± 0.6	10	-0.0 ± 0.5	10	0.8 ± 0.2	9
		77 - 84	1.5 ± 0.3 **	10	2.0 ± 0.5	10	0.9 ± 0.5	10	1.3 ± 0.4	10	-0.2 ± 0.3 *	8
		84 - 91	1.5 ± 0.4 *	10	1.1 ± 0.6	10	1.0 ± 0.7	10	1.1 ± 0.4	10	1.2 ± 0.2	8
	0 - 91	13.8 ± 1.0 **	10	15.5 ± 0.8	10	15.4 ± 1.4	10	12.3 ± 0.9	10	8.8 ± 0.8 **	9	

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			500	
			Wt Gain (g)	N
SD		0 - 7	-1.0 ± 0.2 **	10
		7 - 14	1.4 ± 0.3	10
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		49 - 56	-0.2 ± 0.4	10
		56 - 63	0.4 ± 0.2	10
		63 - 70	0.8 ± 0.3	10
		70 - 77	-0.2 ± 0.2	10
		77 - 84	0.4 ± 0.2 *	10
		84 - 91	0.4 ± 0.2	10
	0 - 91	6.2 ± 0.5 **	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 \*\***