

**Study Number:** C94043-03

**Test Type:** TOX

**Route:** Dosing in Water

**Species/Strain:** Rat/Harlan Sprague Dawley

**I08: Mean Test Compound Consumption**

**Test Compound:** Sodium Metavanadate

**CAS Number:** 13718-26-8

**Date Report Requested:** 09/15/2021

**Time Report Requested:** 16:28:19

**Lab:** Battelle

**Study Number:**

C94043-03

**Study Gender:**

Both

**PWG Approval Date:**

See web page for date of PWG Approval

**Version:**

v1.3.2

**Stat Version:**

S

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F0 Females

Treatment Groups (mg/L)

Phase	Days	0		31.3		62.5		125		250	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Gestation	6 - 9	0.0 ± 0.0	16	4.1 ± 0.2	14	8.1 ± 0.2	16	14.1 ± 0.3	16	24.1 ± 0.7	15
	9 - 12	0.0 ± 0.0	16	4.3 ± 0.2	14	8.6 ± 0.3	16	15.0 ± 0.5	15	25.7 ± 1.4	15
	12 - 15	0.0 ± 0.0	16	4.2 ± 0.2	13	8.2 ± 0.3	16	15.0 ± 0.8	16	25.3 ± 1.2	15
	15 - 18	0.0 ± 0.0	16	4.5 ± 0.2	14	8.9 ± 0.3	16	16.2 ± 0.7	16	29.0 ± 1.3	15
	18 - 21	0.0 ± 0.0	16	4.2 ± 0.3	14	8.0 ± 0.3	16	14.8 ± 0.7	16	24.9 ± 1.8	15
	6 - 21	0.0 ± 0.0	16	4.2 ± 0.2	14	8.3 ± 0.2	16	14.9 ± 0.6	16	25.7 ± 1.0	15
Lactation	1 - 4	0.0 ± 0.0	16	5.2 ± 0.2	13	11.5 ± 0.6	16	24.6 ± 1.0	14	43.0 ± 2.4	11
	4 - 7	0.0 ± 0.0	15	6.2 ± 0.2	12	12.9 ± 0.3	14	24.7 ± 0.9	14	48.0 ± 2.8	11
	7 - 10	0.0 ± 0.0	14	7.2 ± 0.1	12	14.6 ± 0.3	14	28.4 ± 0.8	14	52.8 ± 3.5	11
	10 - 13	0.0 ± 0.0	15	7.8 ± 0.2	12	16.1 ± 0.5	14	30.0 ± 0.5	14	55.4 ± 2.9	11
	1 - 13	0.0 ± 0.0	15	6.7 ± 0.1	12	14.0 ± 0.3	14	27.0 ± 0.6	14	50.0 ± 2.7	11

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**F0 Females**

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Phase	Days	Treatment Groups (mg/L)		N
		500		
		Dose/Day (mg/kg/day)		
Gestation	6 - 9	39.9 ± 1.4	16	16
	9 - 12	41.4 ± 1.1	16	16
	12 - 15	40.0 ± 1.4	16	16
	15 - 18	50.8 ± 1.3	15	15
	18 - 21	41.8 ± 2.4	16	16
	6 - 21	42.4 ± 1.3	16	16
Lactation	1 - 4	53.7 ± 8.2	12	12
	4 - 7	78.0 ± 13.5	7	7
	7 - 10	118.1 ± 6.8	6	6
	10 - 13	114.0 ± 11.2	6	6
	1 - 13	99.5 ± 7.7	6	6

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F1 Males: All F1 Animals

Treatment Groups (mg/L)

Phase	Days	0		31.3		62.5		125		250	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Postnatal	28 - 35	0.0 ± 0.0	8	4.6 ± 0.2	9	10.1 ± 0.3	7	19.9 ± 0.9	9	35.8 ± 0.6	8
	35 - 42	0.0 ± 0.0	8	5.5 ± 0.1	9	10.8 ± 0.2	8	21.7 ± 1.1	9	37.7 ± 1.3	8
	42 - 49	0.0 ± 0.0	8	4.8 ± 0.2	9	9.0 ± 0.2	8	17.7 ± 0.7	9	30.8 ± 1.0	8
	49 - 56	0.0 ± 0.0	8	4.0 ± 0.1	9	7.6 ± 0.3	8	15.3 ± 0.6	9	27.3 ± 0.8	8
	56 - 63	0.0 ± 0.0	8	3.3 ± 0.1	9	6.5 ± 0.2	8	12.9 ± 0.3	9	22.8 ± 0.7	8
	63 - 70	0.0 ± 0.0	8	2.8 ± 0.1	9	5.6 ± 0.2	8	11.3 ± 0.4	9	19.8 ± 0.7	8
	70 - 77	0.0 ± 0.0	8	2.5 ± 0.0	9	4.9 ± 0.1	8	10.1 ± 0.3	9	17.9 ± 0.6	8
	77 - 84	0.0 ± 0.0	8	2.3 ± 0.0	9	4.6 ± 0.1	8	9.1 ± 0.2	9	16.0 ± 0.5	8
	84 - 91	0.0 ± 0.0	8	2.1 ± 0.1	9	4.2 ± 0.1	8	8.1 ± 0.3	9	14.3 ± 0.4	8
	91 - 98	0.0 ± 0.0	8	2.0 ± 0.0	9	4.0 ± 0.1	8	8.0 ± 0.2	9	14.3 ± 0.2	8
	98 - 105	0.0 ± 0.0	8	2.0 ± 0.0	9	3.7 ± 0.1	8	7.4 ± 0.2	9	12.8 ± 0.2	8
	105 - 112	0.0 ± 0.0	8	2.0 ± 0.0	9	3.7 ± 0.1	8	7.0 ± 0.2	9	12.4 ± 0.3	8
	28 - 112	0.0 ± 0.0	8	2.8 ± 0.0	9	5.5 ± 0.1	8	10.9 ± 0.3	9	19.2 ± 0.5	8
112 - 119	0.0 ± 0.0	5	1.9 ± 0.1	6	3.6 ± 0.1	5	7.1 ± 0.3	6	11.4 ± 0.4	5	

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**Lab:** Battelle

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**F1 Males: All F1 Animals**

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Phase	Days	Treatment Groups (mg/L)	
		500	N
		Dose/Day (mg/kg/day)	
Postnatal	28 - 35	55.7 ± 3.0	7
	35 - 42	63.2 ± 1.1	7
	42 - 49	56.1 ± 1.3	7
	49 - 56	50.8 ± 1.3	7
	56 - 63	45.7 ± 1.3	7
	63 - 70	41.2 ± 1.7	7
	70 - 77	35.9 ± 1.3	7
	77 - 84	31.6 ± 0.8	7
	84 - 91	28.4 ± 0.5	7
	91 - 98	27.5 ± 0.8	7
	98 - 105	24.6 ± 0.6	7
	105 - 112	23.9 ± 0.6	7
	28 - 112	36.2 ± 0.6	7
	112 - 119	22.4 ± 0.4	7

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F1 Females: All F1 Animals

Phase	Days	Treatment Groups (mg/L)									
		0		31.3		62.5		125		250	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Postnatal	28 - 35	0.0 ± 0.0	5	4.7 ± 0.4	6	9.5 ± 0.3	5	18.7 ± 0.9	8	35.5 ± 0.6	5
	35 - 42	0.0 ± 0.0	5	4.9 ± 0.4	6	11.4 ± 0.4	5	20.9 ± 0.6	8	36.6 ± 1.5	5
	42 - 49	0.0 ± 0.0	5	4.2 ± 0.4	6	8.8 ± 0.6	5	17.8 ± 0.4	8	31.3 ± 1.4	5
	49 - 56	0.0 ± 0.0	5	3.8 ± 0.3	6	7.7 ± 0.4	5	14.8 ± 0.2	8	26.6 ± 0.8	5
	56 - 63	0.0 ± 0.0	5	3.6 ± 0.3	6	6.9 ± 0.1	5	13.7 ± 0.4	8	22.2 ± 0.9	5
	63 - 70	0.0 ± 0.0	5	3.2 ± 0.3	6	6.5 ± 0.2	5	12.6 ± 0.5	8	20.6 ± 0.9	5
	70 - 77	0.0 ± 0.0	5	2.9 ± 0.2	6	6.0 ± 0.2	5	11.6 ± 0.4	8	19.8 ± 0.8	5
	77 - 84	0.0 ± 0.0	5	2.9 ± 0.2	6	5.5 ± 0.3	5	10.7 ± 0.4	8	18.2 ± 0.9	5
	84 - 91	0.0 ± 0.0	5	2.6 ± 0.2	6	5.2 ± 0.4	5	10.4 ± 0.5	8	17.4 ± 0.8	5
	91 - 98	0.0 ± 0.0	5	2.6 ± 0.3	6	5.1 ± 0.1	5	10.2 ± 0.3	8	17.1 ± 0.8	5
	98 - 105	0.0 ± 0.0	5	2.4 ± 0.2	6	4.8 ± 0.2	5	9.9 ± 0.4	8	15.6 ± 0.7	5
	105 - 112	0.0 ± 0.0	5	2.5 ± 0.2	6	4.9 ± 0.2	5	10.0 ± 0.3	8	15.3 ± 0.8	5
28 - 112	0.0 ± 0.0	5	3.2 ± 0.2	6	6.5 ± 0.2	5	12.7 ± 0.3	8	21.4 ± 0.9	5	
112 - 119	0.0 ± 0.0	3	2.5 ± 0.3	4	4.8 ± 0.3	3	9.6 ± 0.4	6	13.8 ± 0.7	3	

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**F1 Females: All F1 Animals**

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Phase	Days	Treatment Groups (mg/L)	
		500	N
		Dose/Day (mg/kg/day)	
Postnatal	28 - 35	59.7 ± 4.2	4
	35 - 42	60.5 ± 2.6	4
	42 - 49	55.5 ± 2.3	4
	49 - 56	50.8 ± 3.6	4
	56 - 63	45.5 ± 3.1	4
	63 - 70	40.3 ± 2.9	4
	70 - 77	36.3 ± 2.5	4
	77 - 84	32.3 ± 2.0	4
	84 - 91	30.3 ± 1.7	4
	91 - 98	30.2 ± 2.1	4
	98 - 105	27.4 ± 1.9	4
	105 - 112	27.4 ± 1.7	4
	28 - 112	37.9 ± 2.2	4
	112 - 119	27.0 ± 1.9	4

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LEGEND

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Reported as the mean  $\pm$  SEM. N is the number of animals.

Chemical intake values were excluded when excessive spillage was recorded.

For post-weaning F1 animals, All F1 Animals includes F1 Core and F1 Biosampling animals.

Statistical analysis was not performed on this data.

Consumption is not reported for the non-pregnant animals during gestation and lactation phases

Consumption is not reported for animals during mating

One F1 Core male cage from the 62.5 mg/L group for PND 28-35 and one female animal from the 31.3 mg/L group for LD 1-4 were excluded from analysis as outliers.

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