

Experiment Number: C08004-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

C08004-01

Cage Range:

All

Date Range:

All

Reasons For Removal:

All

Removal Date Range:

All

Treatment Groups:

All

Study Gender:

Both

I07: Mean Water Consumption

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 06/17/2016

Time Report Requested: 11:40:47

Lab: Battelle

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Lab: Battelle

Males

Treatment Groups (mg/L)

Phase	Litter ID	Days	0			125			250		
			Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N
Study	1 - 4		26.6 ± 0.0	148.6 ± 0.9	5	21.7 ± 0.0	122.0 ± 2.4	5	21.2 ± 0.0	120.4 ± 2.9	5
	4 - 8		29.0 ± 0.0	147.5 ± 0.5	5	21.6 ± 0.0	107.1 ± 1.4	5	20.8 ± 0.0	107.3 ± 1.8	5
	1 - 8		27.8 ± 0.0	149.3 ± 0.7	5	21.6 ± 0.0	114.6 ± 1.9	5	20.9 ± 0.0	114.3 ± 2.4	5
	8 - 11		28.0 ± 0.0	129.3 ± 0.2	5	22.9 ± 0.0	102.4 ± 1.2	5	24.3 ± 0.0	113.0 ± 1.8	5
	11 - 15 ^a					22.3 ± 0.0	90.6 ± 0.9	5	19.6 ± 0.0	83.0 ± 1.2	5
	8 - 15		28.0 ± 0.0 ^b	126.0 ± 0.2 ^c	5	22.6 ± 0.0	96.4 ± 1.0	5	21.6 ± 0.0	96.7 ± 1.4	5
	1 - 15		27.9 ± 0.0 ^b	136.0 ± 0.4 ^c	5	22.1 ± 0.0	104.4 ± 1.4	5	21.3 ± 0.0	104.1 ± 1.8	5

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Males

Treatment Groups (mg/L)

Phase	Litter ID	Days	500			1000			2000		
			Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N
Study	1 - 4	1 - 4	18.1 ± 0.0	104.7 ± 2.8	5	13.2 ± 0.0	78.8 ± 1.1	5	5.6 ± 0.0	35.5 ± 0.7	5
		4 - 8	19.5 ± 0.0	100.5 ± 2.2	5	14.6 ± 0.0	80.0 ± 1.4	5	5.1 ± 0.0	34.5 ± 0.4	5
	1 - 8	1 - 8	18.9 ± 0.0	103.1 ± 2.6	5	14.0 ± 0.0	79.8 ± 1.2	5	5.3 ± 0.0	34.6 ± 0.5	5
		8 - 11	19.0 ± 0.0	88.7 ± 1.8	5	15.1 ± 0.0	75.7 ± 1.6	5	7.2 ± 0.0	47.7 ± 1.0	5
	11 - 15	11 - 15	17.9 ± 0.0	78.0 ± 1.3	5	15.4 ± 0.0	71.1 ± 2.0	5	6.3 ± 0.0	40.6 ± 1.4	5
		8 - 15	18.3 ± 0.0	83.2 ± 1.5	5	15.3 ± 0.0	73.3 ± 1.8	5	6.7 ± 0.0	43.8 ± 1.2	5
	1 - 15	8 - 15	18.3 ± 0.0	83.2 ± 1.5	5	15.3 ± 0.0	73.3 ± 1.8	5	6.7 ± 0.0	43.8 ± 1.2	5
		1 - 15	18.6 ± 0.0	92.4 ± 2.0	5	14.6 ± 0.0	76.2 ± 1.6	5	6.0 ± 0.0	38.8 ± 0.5	5

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Females

Treatment Groups (mg/L)

Phase	Litter ID	Days	0			125			250		
			Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N
Study	1 - 4	1 - 4	18.8 ± 0.0	149.7 ± 3.2	5	17.0 ± 0.0	137.6 ± 4.0	5	16.1 ± 0.0	131.7 ± 2.8	5
		4 - 8	18.9 ± 0.0	136.8 ± 2.8	5	18.1 ± 0.0	133.2 ± 3.9	5	16.8 ± 0.0	126.2 ± 2.5	5
	1 - 8	1 - 8	18.8 ± 0.0	143.1 ± 3.0	5	17.6 ± 0.0	135.7 ± 3.9	5	16.5 ± 0.0	128.9 ± 2.7	5
		8 - 11	16.4 ± 0.0	111.3 ± 2.4	5	16.3 ± 0.0	110.9 ± 3.3	5	16.1 ± 0.0	110.3 ± 2.4	5
	11 - 15	11 - 15	17.6 ± 0.0	111.8 ± 2.6	5	17.1 ± 0.0	108.0 ± 3.2	5	16.1 ± 0.0	101.6 ± 2.2	5
		8 - 15	17.1 ± 0.0	111.9 ± 2.4	5	16.8 ± 0.0	109.6 ± 3.2	5	16.1 ± 0.0	105.8 ± 2.3	5
	1 - 15	8 - 15	17.1 ± 0.0	111.9 ± 2.4	5	16.8 ± 0.0	109.6 ± 3.2	5	16.1 ± 0.0	105.8 ± 2.3	5
		1 - 15	18.0 ± 0.0	126.5 ± 2.6	5	17.2 ± 0.0	121.7 ± 3.5	5	16.3 ± 0.0	116.3 ± 2.5	5

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Females

Treatment Groups (mg/L)

Phase	Litter ID	Days	500			1000			2000		
			Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N
Study	1 - 4		13.8 ± 0.0	113.2 ± 2.6	5	8.3 ± 0.0	69.1 ± 2.2	5	4.5 ± 0.0	39.8 ± 0.4	5
	4 - 8		15.2 ± 0.0	113.9 ± 3.0	5	10.9 ± 0.0	86.6 ± 2.5	5	4.2 ± 0.0	40.0 ± 1.3	5
	1 - 8		14.6 ± 0.0	114.0 ± 2.7	5	9.8 ± 0.0	78.8 ± 2.3	5	4.3 ± 0.0	39.5 ± 0.8	5
	8 - 11		15.4 ± 0.0	104.7 ± 3.5	5	10.6 ± 0.0	76.8 ± 1.5	5	4.3 ± 0.0	43.1 ± 3.4	5
	11 - 15		13.5 ± 0.0	85.9 ± 3.1	5	10.3 ± 0.0	69.8 ± 0.9	5	3.8 ± 0.0	41.0 ± 5.2	5
	8 - 15		14.3 ± 0.0	94.4 ± 3.3	5	10.5 ± 0.0	73.0 ± 1.2	5	4.0 ± 0.0	41.7 ± 4.2	5
	1 - 15		14.5 ± 0.0	103.4 ± 2.9	5	10.1 ± 0.0	75.6 ± 1.7	5	4.1 ± 0.0	40.1 ± 2.4	5

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LEGEND

Data are displayed as mean \pm SEM

N is the number of animals (excluding unweaned pups)

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

Consumption is not reported for animals during mating

Data for 0 mg/L animals is not presented due to spillage

Data shown represent the average of available intervals: days 8-15 use data from days 8-11, days 1-15 use the average of days 1-8 and 8-11

Consumption based on weight for days 8-15 and 1-15 were calculated using available water consumption data (8-11, 1-11) and the average of BWs collected during the indicated interval (8-15 and 1-15)

**** END OF REPORT ****