

Experiment Number: C08004-01
Test Type: TOX
Route: Dosing in Water
Species/Strain: Rat/Harlan Sprague Dawley

I04: Mean Body Weight Summary
Test Compound: Vanadyl sulfate
CAS Number: 27774-13-6

Date Report Requested: 03/17/2016
Time Report Requested: 10:15:48
Lab: Battelle

C Number: C08004-01
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both

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Males

Treatment Groups (mg/L)

Phase Day	Litter ID	0		125			250			500		
		Wt (g)	N	Wt (g)	% from CNTL	N	Wt (g)	% from CNTL	N	Wt (g)	% from CNTL	N
SD1		165.0 ± 1.5	5	163.3 ± 4.3	-1.0	5	163.0 ± 5.3	-1.2	5	162.2 ± 5.5	-1.7	5
SD4		192.4 ± 0.9 **	5	192.8 ± 3.0	0.2	5	189.1 ± 3.8	-1.7	5	184.1 ± 4.5	-4.3	5
SD8		201.4 ± 0.6 **	5	210.1 ± 2.6	4.3	5	198.6 ± 3.1	-1.4	5	204.0 ± 4.6	1.3	5
SD11		232.4 ± 0.3 **	5	238.2 ± 2.7	2.5	5	232.1 ± 4.0	-0.1	5	224.7 ± 4.6	-3.3	5
SD15		233.8 ± 0.7 **	5	255.2 ± 2.3	9.2	5	240.3 ± 3.3	2.8	5	233.8 ± 3.6	0.0	5

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Males

Phase Day	Litter ID	Treatment Groups (mg/L)					
		1000			2000		
		Wt (g)	% from CNTL	N	Wt (g)	% from CNTL	N
SD1		161.4 ± 2.5	-2.2	5	165.3 ± 3.6	0.2	5
SD4		173.3 ± 2.7 **	-9.9	5	151.4 ± 2.7 **	-21.3	5
SD8		191.3 ± 3.6 *	-5.0	5	146.4 ± 2.6 **	-27.3	5
SD11		208.2 ± 5.0 **	-10.4	5	154.9 ± 4.0 **	-33.3	5
SD15		227.5 ± 7.1	-2.7	5	158.7 ± 6.4 **	-32.1	5

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Females

Treatment Groups (mg/L)

Phase Day	Litter ID	0		125			250			500		
		Wt (g)	N	Wt (g)	% from CNTL	N	Wt (g)	% from CNTL	N	Wt (g)	% from CNTL	N
SD1		119.7 ± 2.5	5	118.6 ± 3.2	-0.9	5	118.4 ± 2.9	-1.1	5	117.2 ± 2.9	-2.1	5
SD4		132.4 ± 2.8 **	5	129.7 ± 3.9	-2.0	5	127.0 ± 2.5	-4.1	5	126.9 ± 3.1	-4.2	5
SD8		143.7 ± 3.0 **	5	142.3 ± 4.0	-1.0	5	140.1 ± 3.0	-2.5	5	140.6 ± 4.3	-2.2	5
SD11		152.4 ± 3.6 **	5	152.6 ± 4.8	0.1	5	152.5 ± 3.3	0.1	5	154.1 ± 5.3	1.1	5
SD15		163.6 ± 3.8 **	5	165.2 ± 4.7	1.0	5	164.4 ± 3.6	0.5	5	162.3 ± 6.0	-0.8	5

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Females

Phase Day	Litter ID	Treatment Groups (mg/L)					
		1000			2000		
		Wt (g)	% from CNTL	N	Wt (g)	% from CNTL	N
SD1		120.5 ± 4.0	0.7	5	118.1 ± 1.4	-1.3	5
SD4		119.2 ± 3.9 **	-10.0	5	106.2 ± 0.8 **	-19.8	5
SD8		133.5 ± 3.3	-7.1	5	102.3 ± 6.5 **	-28.8	5
SD11		143.2 ± 2.0	-6.0	5	101.0 ± 10.7 **	-33.7	5
SD15		153.4 ± 2.0	-6.2	5	97.2 ± 15.6 **	-40.6	5

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LEGEND

Data are displayed as mean \pm SEM

Statistical analysis performed by Jonckheere (trend) and William or Dunnett (pairwise) tests

Statistical significance for the control group indicates a significant trend test

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

SD – Study Day, GD – Gestation Day, LD – Lactation Day, PND – Postnatal Day

§Number of animals weighed on this day is less than the number of animals surviving

In multigenerational studies bodyweights reported for all animals until mating; pregnant animals only during gestation and littering; all animals post-weaning of the last litter

**** END OF REPORT ****