

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

Study Number:

Study Gender:

PWG Approval Date:

Version:

I05: Clinical Observations Summary

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

C94043-03

Both

See web page for date of PWG Approval

v1.1.7

Date Report Requested: 02/05/2021

Time Report Requested: 12:34:06

Lab: Battelle

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I05: Clinical Observations Summary

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 02/05/2021

Time Report Requested: 12:34:06

Lab: Battelle

F0 Female

Phase	Observation	Treatment Groups (mg/L)					
		0	31.3	62.5	125	250	500
GD	Breathing, labored	0 / 16	0 / 14	0 / 16	0 / 16	1 / 15 GD 18	0 / 16
GD	Coat Ruffled	0 / 16	0 / 14	0 / 16	1 / 16 GD 21	2 / 15 GD 18	1 / 16 GD 20
GD	Discharge Nose/Snout; Red	0 / 16	0 / 14	0 / 16	1 / 16 GD 21	2 / 15 GD 18	3 / 16 GD 20
GD	Discharge Vagina; Yellow	0 / 16	0 / 14	0 / 16	0 / 16	1 / 15 GD 18	0 / 16
GD	Hunched	0 / 16	0 / 14	0 / 16	0 / 16	1 / 15 GD 19	0 / 16
GD	Lethargic	0 / 16	0 / 14	0 / 16	0 / 16	1 / 15 GD 18	0 / 16
GD	Pale	0 / 16	0 / 14	0 / 16	0 / 16	1 / 15 GD 18	0 / 16
LD	Abnormal Posture	0 / 16	0 / 14	0 / 16	0 / 16	0 / 12	1 / 14 LD 19
LD	Coat Ruffled	0 / 16	1 / 14 LD 3	0 / 16	0 / 16	2 / 12 LD 1	8 / 14 LD 1
LD	Cold To Touch	0 / 16	0 / 14	0 / 16	0 / 16	0 / 12	1 / 14 LD 25

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F0 Female

Phase	Observation	Treatment Groups (mg/L)					
		0	31.3	62.5	125	250	500
LD	Discharge Eye; Red	0 / 16	0 / 14	0 / 16	0 / 16	1 / 12 LD 1	1 / 14 LD 27
LD	Discharge Nose/Snout; Red	8 / 16 LD 3	9 / 14 LD 5	9 / 16 LD 5	11 / 16 LD 5	11 / 12 LD 1	11 / 14 LD 1
LD	Discharge Nose/Snout; Right	0 / 16	0 / 14	0 / 16	1 / 16 LD 4	0 / 12	0 / 14
LD	Discharge Vagina; Red	0 / 16	0 / 14	2 / 16 LD 1	3 / 16 LD 1	4 / 12 LD 1	3 / 14 LD 1
LD	Feces Liquid	0 / 16	0 / 14	0 / 16	0 / 16	0 / 12	5 / 14 LD 1
LD	Feces Soft	0 / 16	2 / 14 LD 18	1 / 16 LD 18	4 / 16 LD 17	4 / 12 LD 17	3 / 14 LD 18
LD	Hunched	0 / 16	0 / 14	0 / 16	0 / 16	1 / 12 LD 1	5 / 14 LD 2
LD	Lethargic	0 / 16	0 / 14	0 / 16	0 / 16	1 / 12 LD 1	1 / 14 LD 25
LD	Pale	0 / 16	0 / 14	0 / 16	0 / 16	1 / 12 LD 1	4 / 14 LD 4
LD	Stained Anus; Brown	0 / 16	0 / 14	0 / 16	0 / 16	1 / 12 LD 1	4 / 14 LD 1

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F0 Female

Phase	Observation	Treatment Groups (mg/L)					
		0	31.3	62.5	125	250	500
LD	Thin	0 / 16	0 / 14	0 / 16	0 / 16	1 / 12 LD 1	6 / 14 LD 2
LD	Wound Ear; Left	0 / 16	0 / 14	1 / 16 LD 5	0 / 16	0 / 12	0 / 14
LD	Wound Tail	0 / 16	0 / 14	0 / 16	0 / 16	1 / 12 LD 6	0 / 14

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Lab: Battelle

F1 Male: All F1 Animals

Phase	Observation	Treatment Groups (mg/L)					
		0	31.3	62.5	125	250	500
PND	Coat Ruffled	0 / 15	0 / 15	0 / 15	1 / 15 PND 35	0 / 15	7 / 13 PND 28
PND	Cold To Touch	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	1 / 13 PND 30
PND	Discharge Eye; Left, Red	1 / 15 PND 77	0 / 15	0 / 15	0 / 15	0 / 15	0 / 13
PND	Discharge Eye; Red	1 / 15 PND 91	1 / 15 PND 56	0 / 15	1 / 15 PND 28	0 / 15	1 / 13 PND 56
PND	Discharge Nose/Snout; Bilateral, Red	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	1 / 13 PND 35
PND	Discharge Nose/Snout; Red	2 / 15 PND 91	1 / 15 PND 117	0 / 15	1 / 15 PND 91	1 / 15 PND 56	2 / 13 PND 105
PND	Feces Liquid	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	1 / 13 PND 28
PND	Hunched	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	1 / 13 PND 30
PND	Kinked Tail	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	1 / 13 PND 49
PND	Lethargic	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	1 / 13 PND 30

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F1 Male: All F1 Animals

Phase	Observation	Treatment Groups (mg/L)					
		0	31.3	62.5	125	250	500
PND	Scab Head	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	1 / 13 PND 28

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Lab: Battelle

F1 Female: All F1 Animals

Phase	Observation	Treatment Groups (mg/L)					
		0	31.3	62.5	125	250	500
PND	Coat Ruffled	1 / 15 PND 35	0 / 15	0 / 15	1 / 15 PND 35	0 / 15	6 / 12 PND 28
PND	Discharge Eye; Red	1 / 15 PND 28	0 / 15	0 / 15	1 / 15 PND 28	0 / 15	1 / 12 PND 28
PND	Discharge Nose/Snout; Bilateral, Red	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	3 / 12 PND 35
PND	Discharge Nose/Snout; Red	0 / 15	0 / 15	0 / 15	1 / 15 PND 91	0 / 15	2 / 12 PND 28
PND	Feces None	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	1 / 12 PND 30
PND	Feces Soft	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	1 / 12 PND 28
PND	Hunched	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	2 / 12 PND 28
PND	Kinked Tail	0 / 15	0 / 15	0 / 15	6 / 15 PND 28	5 / 15 PND 28	3 / 12 PND 28
PND	Lethargic	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	2 / 12 PND 28
PND	Pale	0 / 15	0 / 15	0 / 15	0 / 15	0 / 15	1 / 12 PND 47

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LEGEND

Animals exhibiting clinical observations "within normal limits" were recorded as scheduled but are omitted from the table for clarity.

Upper row displays cumulative number of animals with observation / total animals started on study for SD days, total number of pregnant animals for GD days, or total number of littered females for LD days.

Lower row displays day of observation onset

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

Females listed as SD were not pregnant.

The male All F1 Animals includes the male F1 Core Animals, the male F1 Interim Animals until removal on PND 28, and the male F1 Biosample Animals until removal on PND 117. The female All F1 Animals includes the female F1 Core Animals, the female F1 Interim Animals until removal on PND 28, and the female F1 Biosample Animals until removal on PND 116.

**** END OF REPORT ****