

Study Number: I94043
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

I08: Mean Test Compound Consumption
Test Compound: Sodium Metavanadate
CAS Number: 13718-26-8

Date Report Requested: 07/08/2021
Time Report Requested: 14:36:15
Lab: Burleson Research Technologies

Study Number: I94043
Study Gender: Female
PWG Approval Date: See web page for date of PWG Approval
Version: v1.2.7
Stat Version: v2.5.2A

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Females: Immunophenotyping

Phase	Days	Treatment Groups (ppm)									
		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
Study	0 - 7	0.0 ± 0.0	8	7.9 ± 0.1	8	12.0 ± 0.1	8	23.7 ± 0.3	8	35.3 ± 0.7	8
	7 - 14	0.0 ± 0.0	8	7.5 ± 0.2	8	13.2 ± 0.4	8	24.4 ± 0.4	8	42.6 ± 0.5	8
	14 - 21	0.0 ± 0.0	8	5.8 ± 0.1	8	11.8 ± 0.3	8	23.7 ± 0.3	8	42.4 ± 0.4	8
	21 - 28	0.0 ± 0.0	8	5.9 ± 0.1	8	11.6 ± 0.3	8	23.8 ± 0.3	8	40.1 ± 0.8	8
	0 - 28	0.0 ± 0.0	8	6.7 ± 0.1	8	12.2 ± 0.2	8	23.9 ± 0.2	8	40.0 ± 0.5	8

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Females: Immunophenotyping

Phase	Days	Treatment Groups (ppm)	
		500	N
		Dose/Day (mg/kg/day)	
Study	0 - 7	53.1 ± 0.7	8
	7 - 14	70.1 ± 1.7	8
	14 - 21	60.5 ± 1.1	8
	21 - 28	66.1 ± 2.9	8
	0 - 28	62.1 ± 0.9	8

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Females: Immunopath

Treatment Groups (ppm)

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
Study	0 - 7	0.0 ± 0.0	8	6.2 ± 0.1	8	12.4 ± 0.3	8	22.4 ± 0.7	8	39.1 ± 0.8	8
	7 - 14	0.0 ± 0.0	8	5.4 ± 0.1	8	11.9 ± 0.3	8	22.5 ± 0.8	8	41.6 ± 1.7	4
	14 - 21	0.0 ± 0.0	8	5.2 ± 0.2	8	11.4 ± 0.3	8	21.2 ± 0.8	8	40.4 ± 1.0	8
	21 - 28	0.0 ± 0.0	8	5.5 ± 0.2	8	11.4 ± 0.4	8	20.8 ± 0.8	8	43.9 ± 1.6	8
	0 - 28	0.0 ± 0.0	8	5.6 ± 0.1	8	11.7 ± 0.3	8	21.7 ± 0.8	8	41.4 ± 1.0	8

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Females: Immunopath

Phase	Days	Treatment Groups (ppm)	
		500	N
		Dose/Day (mg/kg/day)	
Study	0 - 7	44.2 ± 1.7	8
	7 - 14	75.9 ± 3.6	8
	14 - 21	54.6 ± 1.8	8
	21 - 28	61.7 ± 2.9	8
	0 - 28	58.7 ± 1.9	8

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Lab: Burleson Research Technologies

Females: SRBC

Treatment Groups (ppm)

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
Study	0 - 7	0.0 ± 0.0	7	7.6 ± 0.1	8	12.8 ± 0.4	8	21.1 ± 0.2	8	30.6 ± 0.6	8
	7 - 14	0.0 ± 0.0	7	7.3 ± 0.2	8	12.0 ± 0.2	8	23.2 ± 0.5	8	36.5 ± 0.6	8
	14 - 21	0.0 ± 0.0	7	6.0 ± 0.3	8	10.5 ± 0.2	8	22.2 ± 0.8	8	36.4 ± 0.5	8
	21 - 28	0.0 ± 0.0	7	5.6 ± 0.3	8	9.6 ± 0.2	8	20.3 ± 0.7	8	31.3 ± 0.4	8
	0 - 28	0.0 ± 0.0	7	6.6 ± 0.2	8	11.1 ± 0.1	8	21.7 ± 0.6	8	33.6 ± 0.3	8

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Females: SRBC

Phase	Days	Treatment Groups (ppm)	
		500	N
		Dose/Day (mg/kg/day)	
Study	0 - 7	97.9 ± 19.4	8
	7 - 14	67.7 ± 1.5	8
	14 - 21	62.0 ± 0.8	8
	21 - 28	57.0 ± 1.6	8
	0 - 28	70.3 ± 5.3	8

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Females: KLH

Treatment Groups (ppm)

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
Study	0 - 7	0.0 ± 0.0	8	6.7 ± 0.2	8	12.3 ± 0.2	8	23.2 ± 0.5	8	38.6 ± 0.9	8
	7 - 14	0.0 ± 0.0	8	6.7 ± 0.2	8	12.4 ± 0.3	8	23.9 ± 0.7	8	44.1 ± 0.8	8
	14 - 21	0.0 ± 0.0	8	8.8 ± 0.2	8	13.5 ± 0.4	8	25.7 ± 0.8	8	46.9 ± 1.5	4
	21 - 28	0.0 ± 0.0	8	7.6 ± 0.2	8	12.7 ± 0.5	8	21.7 ± 0.5	8	41.6 ± 0.8	8
	0 - 28	0.0 ± 0.0	8	7.4 ± 0.2	8	12.7 ± 0.3	8	23.4 ± 0.6	8	41.8 ± 0.9	8

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Females: KLH

Phase	Days	Treatment Groups (ppm)	
		500	N
Study	0 - 7	48.6 ± 0.9	8
	7 - 14	61.1 ± 1.4	8
	14 - 21	79.2 ± 6.3	8
	21 - 28	63.1 ± 2.3	8
	0 - 28	62.7 ± 2.4	8

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Females: CTL

Treatment Groups (ppm)

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
Study	0 - 7	0.0 ± 0.0	8	5.9 ± 0.1	8	12.5 ± 0.3	8	25.3 ± 0.5	8	35.8 ± 0.7	8
	7 - 14	0.0 ± 0.0	8	5.5 ± 0.1	8	12.1 ± 0.4	8	25.4 ± 0.5	8	41.3 ± 0.8	8
	14 - 21	0.0 ± 0.0	8	7.4 ± 0.3	8	12.5 ± 0.3	8	27.0 ± 0.9	8	43.3 ± 0.9	8
	21 - 28	0.0 ± 0.0	8	5.5 ± 0.2	8	7.4 ± 0.2	8	17.5 ± 1.5	8	26.2 ± 1.1	8
	0 - 28	0.0 ± 0.0	8	6.3 ± 0.2	8	11.7 ± 0.3	8	24.7 ± 0.7	8	38.4 ± 0.7	8

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Females: CTL

Phase	Days	Treatment Groups (ppm)	
		500	N
		Dose/Day (mg/kg/day)	
Study	0 - 7	49.9 ± 1.3	8
	7 - 14	66.5 ± 2.1	8
	14 - 21	69.8 ± 2.3	8
	21 - 28	51.2 ± 2.4	8
	0 - 28	61.7 ± 1.5	8

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LEGEND

Reported as the mean \pm SEM. N is the number of animals, number of cages for group housed adult animals or number of litters.

Chemical intake values were excluded when excessive spillage was recorded.

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

**** END OF REPORT ****