

Study Number: C16019-01
Test Type: TOX - Perinatal DRF
Route: Dosing in Water
Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain
Test Compound: Thallium (I) Sulfate
CAS Number: 7446-18-6

Date Report Requested: 05/20/2020
Time Report Requested: 12:44:20
Lab: Battelle

Study Number: C16019-01
Study Gender: Female
PWG Approval Date See web page for date of PWG Approval

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F0 Females

Treatment Groups (mg/L)

Phase	Days	0		3.13		6.25		12.5		25		50	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
Gestation	6 - 9	14.3 ± 0.8	20	16.0 ± 1.2	12	13.2 ± 0.8	20	12.9 ± 0.6	12	13.0 ± 1.1	20	14.2 ± 1.1	12
	9 - 12	14.8 ± 0.7	20	15.2 ± 1.3	12	15.7 ± 0.9	20	13.3 ± 1.0	12	15.0 ± 1.1	20	12.1 ± 1.7	12
	12 - 15	20.1 ± 1.0 **	20	20.2 ± 1.0	12	21.1 ± 0.9	20	20.5 ± 1.2	12	17.3 ± 1.2	20	-25.1 ± 5.2 **	11
	15 - 18	41.8 ± 1.4 **	19	41.0 ± 1.1	12	43.7 ± 1.3	20	44.1 ± 2.3	12	30.8 ± 2.7 **	20	NR	
	18 - 21	47.9 ± 1.7 **	15	47.8 ± 1.9	12	49.6 ± 2.0	17	48.3 ± 2.2	12	4.4 ± 6.4 **	11	NR	
	6 - 21	138.4 ± 4.0 **	16	140.1 ± 2.9	12	142.6 ± 4.2	17	139.1 ± 5.0	12	88.2 ± 7.9 **	11	NR	
Lactation	1 - 4	16.8 ± 1.9 *	17	15.5 ± 1.9	12	14.6 ± 2.0	17	10.2 ± 1.8 *	12	NR		NR	
	4 - 7	12.7 ± 2.1	14	12.5 ± 2.3	12	9.4 ± 1.5	14	15.7 ± 1.3	12	NR		NR	
	7 - 10	8.9 ± 2.9	14	6.7 ± 2.1	12	10.2 ± 2.0	14	11.1 ± 1.9	12	NR		NR	
	10 - 13	-0.9 ± 2.8	14	3.9 ± 3.3	12	-1.9 ± 2.2	14	-3.2 ± 2.7	12	NR		NR	
	13 - 16	-5.0 ± 2.9	14	-16.0 ± 3.2 *	12	-8.8 ± 1.8	14	-9.5 ± 2.4	12	NR		NR	
	16 - 19	-8.6 ± 2.2	14	-4.3 ± 2.4	12	-8.9 ± 3.1	14	-6.4 ± 2.7	12	NR		NR	
	19 - 21	-7.6 ± 3.0	14	-4.9 ± 2.5	12	-5.9 ± 3.2	14	-2.2 ± 3.0	12	NR		NR	
	21 - 25	-15.1 ± 3.4	14	-13.8 ± 2.4	12	-14.6 ± 2.9	14	-11.6 ± 2.6	12	NR		NR	
	25 - 28	0.5 ± 1.2	14	-6.0 ± 1.9 *	12	0.5 ± 1.5	14	-5.3 ± 2.1 *	12	NR		NR	
1 - 28	-0.2 ± 3.2	14	-6.4 ± 2.2	12	-5.2 ± 3.4	14	-1.2 ± 3.7	12	NR		NR		

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LEGEND

Data are displayed as mean \pm SEM

GD - Gestation Day; LD - Lactation Day

Statistical analysis of weight data performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

NR not recorded

**** END OF REPORT ****