

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

I04: Mean Body Weight Summary
Test Compound: Thallium (I) Sulfate
CAS Number: 7446-18-6

Date Report Requested: 05/20/2020
Time Report Requested: 12:43:37
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 Day	0		3.13			6.25			12.5		
	Wt (g)	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD6	243.7 ± 3.3	20	240.1 ± 3.1	98.5	12	242.5 ± 3.8	99.5	20	242.1 ± 3.3	99.4	12
GD9	258.0 ± 3.4	20	256.0 ± 3.3	99.3	12	255.7 ± 3.9	99.1	20	255.0 ± 3.8	98.8	12
GD12	272.7 ± 3.5	20	271.2 ± 3.3	99.4	12	271.4 ± 4.5	99.5	20	268.3 ± 4.3	98.4	12
GD15	292.8 ± 3.9 **	20	291.3 ± 3.7	99.5	12	292.5 ± 4.6	99.9	20	288.8 ± 4.9	98.6	12
GD18	333.8 ± 5.0	19	332.3 ± 3.6	99.6	12	336.1 ± 5.1	100.7	20	332.9 ± 6.4	99.7	12
GD21	382.3 ± 7.2 *	16	380.2 ± 4.4	99.4	12	385.2 ± 7.7	100.7	17	381.2 ± 7.4	99.7	12
LD1	282.1 ± 4.9	17	280.3 ± 3.6	99.4	12	284.5 ± 4.7	100.9	17	278.5 ± 5.1	98.7	12
LD4	298.9 ± 4.8	17	295.7 ± 4.4	98.9	12	299.1 ± 5.8	100.1	17	288.7 ± 5.7	96.6	12
LD7	308.1 ± 5.3	14	308.2 ± 4.5	100.0	12	307.8 ± 5.6	99.9	14	304.4 ± 5.4	98.8	12
LD10	317.0 ± 5.8	14	314.9 ± 3.8	99.3	12	318.0 ± 5.7	100.3	14	315.5 ± 5.8	99.5	12
LD13	316.1 ± 4.5	14	318.8 ± 5.1	100.9	12	316.1 ± 6.2	100.0	14	312.3 ± 4.3	98.8	12
LD16	311.1 ± 3.6	14	302.8 ± 5.8	97.3	12	307.3 ± 5.1	98.8	14	302.7 ± 4.7	97.3	12
LD19	302.6 ± 3.3	14	298.6 ± 4.9	98.7	12	298.4 ± 6.8	98.6	14	296.4 ± 3.5	98.0	12
LD21	294.9 ± 4.1	14	293.7 ± 4.3	99.6	12	292.5 ± 4.7	99.2	14	294.2 ± 4.8	99.8	12
LD25	279.8 ± 4.6	14	279.9 ± 4.0	100.0	12	277.9 ± 5.1	99.3	14	282.6 ± 4.1	101.0	12
LD28	280.3 ± 4.2	14	273.9 ± 3.4	97.7	12	278.4 ± 5.1	99.3	14	277.3 ± 4.2	98.9	12

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Phase Day	Treatment Groups (mg/L)					
	25			50		
	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD6	245.1 ± 3.2	100.6	20	241.8 ± 2.7	99.2	12
GD9	258.1 ± 3.7	100.0	20	256.0 ± 3.1	99.2	12
GD12	273.1 ± 4.0	100.1	20	268.1 ± 3.4	98.3	12
GD15	290.5 ± 4.0	99.2	20	245.2 ± 6.0 **	83.7	11
GD18	321.3 ± 5.3	96.3	20	NR		
GD21	333.3 ± 10.3 **	87.2	11	NR		
LD1	NR			NR		
LD4	NR			NR		
LD7	NR			NR		
LD10	NR			NR		
LD13	NR			NR		
LD16	NR			NR		
LD19	NR			NR		
LD21	NR			NR		
LD25	NR			NR		
LD28	NR			NR		

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LEGEND

Data are displayed as mean \pm SEM

GD - Gestation Day; LD - Lactation Day

In multigenerational studies, body weights reported for all animals until mating; pregnant animals only during gestation and lactation; all animals post-weaning.

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 ****