

**Study Number:** C16019-01

**Test Type:** TOX - Perinatal DRF

**Route:** Dosing in Water

**Species/Strain:** Rat/Harlan Sprague Dawley

**C Number:**

**Study Gender:**

**PWG Approval Date**

**I02: Animal Removals: Chronological Description**

**Test Compound:** Thallium (I) Sulfate

**CAS Number:** 7446-18-6

C16019-01

Female

See web page for date of PWG Approval

**Date Report Requested:** 01/13/2020

**Time Report Requested:** 15:38:14

**Lab:** Battelle

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Lab: Battelle

F0 Females

Treatment Groups (mg/L)	Phase Day	Animal ID	Removal Date	Removal Time	Day	Week	Terminal Weight (g)	Removal Wt Status	Removal Reason	Removal Clinical Obs
0	GD18	101	02/25/18	06:08	18	3	317.8		Biological Sampling GD 18	Normal
	GD18	117	02/25/18	06:09	18	3	346.7		Biological Sampling GD 18	Normal
	GD18	119	02/25/18	06:10	18	3	356.9		Biological Sampling GD 18	Normal
	LD4	105	03/05/18	06:18	4	1	326.7		Biological Sampling PND 4	Normal
	LD4	109	03/05/18	06:25	4	1	293.9		Biological Sampling PND 4	Normal
	LD4	111	03/05/18	06:33	4	1	325.1		Biological Sampling PND 4	Normal
	LD28	102	03/29/18	07:48	28	4	NR		Biological Sampling PND 28	Mass Abdomen 1, Left, Small (1-5mm)
	LD28	103	03/29/18	07:49	28	4	NR		Biological Sampling PND 28	Normal
	LD28	104	03/28/18	09:02	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	106	03/30/18	07:46	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	107	03/29/18	08:44	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	108	03/29/18	08:45	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	110	03/29/18	08:45	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	112	03/29/18	07:51	28	4	NR		Biological Sampling PND 28	Normal
	LD28	113	03/29/18	08:46	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	114	03/29/18	07:51	28	4	NR		Biological Sampling PND 28	Normal
	LD28	115	03/29/18	08:46	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	116	03/29/18	08:46	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	118	03/29/18	07:54	28	4	NR		Biological Sampling PND 28	Normal
	LD28	120	03/29/18	08:47	28	4	NR		Scheduled Removal (Terminal)	Normal
3.13	LD28	201	03/29/18	07:55	28	4	NR		Biological Sampling PND 28	Normal
	LD28	202	03/29/18	08:52	28	4	NR		Scheduled Removal (Terminal)	Normal

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Lab: Battelle

F0 Females

Treatment Groups (mg/L)	Phase Day	Animal ID	Removal Date	Removal Time	Day	Week	Terminal Weight (g)	Removal Wt Status	Removal Reason	Removal Clinical Obs
	LD28	203	03/30/18	07:46	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	204	03/29/18	08:52	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	205	03/29/18	07:56	28	4	NR		Biological Sampling PND 28	Normal
	LD28	206	03/29/18	08:53	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	207	03/29/18	07:57	28	4	NR		Biological Sampling PND 28	Normal
	LD28	208	03/29/18	08:54	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	209	03/29/18	08:56	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	210	03/29/18	07:58	28	4	NR		Biological Sampling PND 28	Normal
	LD28	211	03/29/18	07:59	28	4	NR		Biological Sampling PND 28	Normal
	LD28	212	03/29/18	08:58	28	4	NR		Scheduled Removal (Terminal)	Normal
6.25	GD18	303	02/25/18	06:12	18	3	349.4		Biological Sampling GD 18	Normal
	GD18	305	02/25/18	06:13	18	3	335.7		Biological Sampling GD 18	Normal
	GD18	312	02/25/18	06:14	18	3	332.2		Biological Sampling GD 18	Normal
	LD4	309	03/05/18	06:18	4	1	338.1		Biological Sampling PND 4	Normal
	LD4	315	03/05/18	06:26	4	1	277.1		Biological Sampling PND 4	Normal
	LD4	318	03/05/18	06:33	4	1	291.6		Biological Sampling PND 4	Normal
	LD28	301	03/29/18	08:59	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	302	03/29/18	08:01	28	4	NR		Biological Sampling PND 28	Normal
	LD28	304	03/29/18	09:03	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	306	03/29/18	09:05	28	4	NR		Scheduled Removal (Terminal)	Mass Thorax 1, Left, Medium (6-15mm)
	LD28	307	03/29/18	08:02	28	4	NR		Biological Sampling PND 28	Normal
	LD28	308	03/29/18	09:05	28	4	NR		Scheduled Removal (Terminal)	Normal

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F0 Females

Treatment Groups (mg/L)	Phase Day	Animal ID	Removal Date	Removal Time	Day	Week	Terminal Weight (g)	Removal Wt Status	Removal Reason	Removal Clinical Obs
	LD28	310	03/29/18	09:05	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	311	03/29/18	08:03	28	4	NR		Biological Sampling PND 28	Normal
	LD28	313	03/29/18	08:03	28	4	NR		Biological Sampling PND 28	Normal
	LD28	314	03/29/18	09:06	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	316	03/29/18	09:06	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	317	03/29/18	09:07	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	319	03/29/18	08:04	28	4	NR		Biological Sampling PND 28	Normal
	LD28	320	03/29/18	09:07	28	4	NR		Scheduled Removal (Terminal)	Normal
12.5	LD28	401	03/29/18	08:07	28	4	NR		Biological Sampling PND 28	Normal
	LD28	402	03/29/18	09:07	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	403	03/29/18	09:14	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	404	03/29/18	09:15	28	4	NR		Scheduled Removal (Terminal)	Alopecia Dorsum
	LD28	405	03/29/18	08:08	28	4	NR		Biological Sampling PND 28	Normal
	LD28	406	03/29/18	08:09	28	4	NR		Biological Sampling PND 28	Normal
	LD28	407	03/29/18	08:10	28	4	NR		Biological Sampling PND 28	Normal
	LD28	408	03/29/18	09:15	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	409	03/29/18	09:15	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	410	03/29/18	09:16	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	411	03/29/18	09:16	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	412	03/29/18	08:11	28	4	NR		Biological Sampling PND 28	Normal
25	GD18	511	02/25/18	06:16	18	3	321.0		Biological Sampling GD 18	Wet Urogenital; Feces Soft

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Treatment Groups (mg/L)	Phase Day	Animal ID	Removal Date	Removal Time	Day	Week	Terminal Weight (g)	Removal Wt Status	Removal Reason	Removal Clinical Obs
	GD18	517	02/25/18	06:18	18	3	339.3		Biological Sampling GD 18	Feces Soft; Alopecia Hind Limb Left
	GD18	519	02/25/18	06:20	18	3	320.9		Biological Sampling GD 18	Feces Soft
	GD20	503	02/27/18	02:39	20	3	NR		Euthanized Moribund	Wet Urogenital; Feces Soft; Discharge Nose/Snout Red
	GD20	515	02/27/18	07:24	20	3	NR		Found Dead	Feces Few, Soft; Alopecia Dorsum; Wet Urogenital; Discharge Eye Clear
	GD21	502	02/28/18	01:16	21	3	NR		Euthanized Moribund	Piloerection; Feces Soft; Discharge Nose/Snout Red; Cold To Touch; Wet Urogenital
	GD21	507	02/28/18	01:16	21	3	NR		Euthanized Moribund	Alopecia Head Bilateral; Wet Urogenital; Feces Soft; Discharge Eye Clear; Discharge Nose/Snout Red
	GD21	510	02/28/18	09:24	21	3	NR		Euthanized Moribund	Lethargic; Feces Soft; Pale; Discharge Eye Red; Discharge Nose/Snout Red; Wet Urogenital
	GD21	513	02/28/18	09:24	21	3	NR		Euthanized Moribund	Lethargic; Wet Urogenital; Piloerection; Discharge Eye Bilateral, Red; Discharge Nose/Snout Red; Cold To Touch; Feces Soft
	GD22	506	03/01/18	12:35	22	4	NR		Euthanized, Sponsor Request	Feces Soft; Pale; Wet Urogenital; Lethargic; Breathing, labored
	GD22	508	03/01/18	12:35	22	4	NR		Euthanized, Sponsor Request	Feces Soft; Discharge Nose/Snout Red; Wet Urogenital
	GD22	512	03/01/18	07:18	22	4	NR		Found Dead	Discharge Nose/Snout Red; Feces Soft; Wet Urogenital; Alopecia Fore Limb Right; Discharge Eye Clear
	GD22	514	03/01/18	07:54	22	4	NR		Found Dead	Discharge Nose/Snout Red; Wet Urogenital; Feces Soft
	GD22	516	03/01/18	12:35	22	4	NR		Euthanized, Sponsor Request	Feces Soft; Discharge Nose/Snout Red; Pale; Alopecia Fore Limb Bilateral; Wet Urogenital; Lethargic

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	GD22	518	03/01/18	12:35	22	4	NR		Euthanized, Sponsor Request	Pale; Alopecia Fore Limb Bilateral; Feces Soft; Discharge Nose/Snout Red
	GD22	520	03/01/18	12:36	22	4	NR		Euthanized, Sponsor Request	Breathing, labored; Piloerection; Feces Soft; Pale
	LD0	501	03/01/18	12:31	0	0	NR		Euthanized, Sponsor Request	Alopecia Head Bilateral; Alopecia Fore Limb Bilateral; Feces Soft
	LD0	504	03/01/18	12:32	0	0	NR		Euthanized, Sponsor Request	Normal
	LD0	505	03/01/18	12:33	0	0	NR		Euthanized, Sponsor Request	Wet Urogenital; Feces Soft; Alopecia Fore Limb Left; Alopecia Dorsum; Discharge Nose/Snout Red
	LD0	509	03/01/18	12:33	0	0	NR		Euthanized, Sponsor Request	Feces Soft
50	GD14	603	02/21/18	08:09	14	2	NR		Euthanized Moribund	Wet Urogenital; Pale; Breathing, labored; Hunched; Cold To Touch; Hypoactivity; Piloerection; Feces Soft
	GD15	602	02/22/18	07:40	15	3	NR		Euthanized Moribund	Discharge Eye Bilateral, Clear; Lethargic; Wet Urogenital; Feces Soft; Pale; Hunched; Piloerection
	GD15	605	02/22/18	02:47	15	3	NR		Found Dead	Discharge Eye Bilateral, Clear; Wet Urogenital; Pale; Piloerection; Feces Soft; Hunched; Lethargic
	GD16	601	02/23/18	02:30	16	3	NR		Euthanized, Sponsor Request	Hunched; Feces Soft; Wet Urogenital; Pale; Discharge Nose/Snout Red
	GD16	604	02/23/18	07:34	16	3	NR		Euthanized Moribund	Lethargic; Cold To Touch; Breathing, labored; Discharge Nose/Snout Red; Pale; Wet Urogenital; Feces Soft
	GD16	606	02/23/18	02:30	16	3	NR		Euthanized, Sponsor Request	Pale; Feces Soft; Wet Urogenital; Hunched; Discharge Eye Clear
	GD16	607	02/23/18	02:31	16	3	NR		Euthanized, Sponsor Request	Discharge Nose/Snout Red; Pale; Feces Soft; Wet Urogenital; Hunched

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	GD16	608	02/23/18	07:36	16	3	NR		Found Dead	Feces Soft; Discharge Eye Clear; Wet Urogenital
	GD16	609	02/23/18	02:31	16	3	NR		Euthanized, Sponsor Request	Feces Soft; Wet Urogenital
	GD16	610	02/23/18	02:32	16	3	NR		Euthanized, Sponsor Request	Wet Urogenital; Feces Soft; Pale
	GD16	611	02/23/18	02:32	16	3	NR		Euthanized, Sponsor Request	Discharge Eye Red; Discharge Nose/Snout Red; Pale; Wet Urogenital; Feces Soft
	GD16	612	02/23/18	02:33	16	3	NR		Euthanized, Sponsor Request	Discharge Nose/Snout Red; Hunched; Pale; Cold To Touch; Feces Soft; Wet Urogenital

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LEGEND

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Removal clinical observations reported for day of death or day preceding death if none recorded on day of death

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

Females listed as SD were not pregnant

"Removal Wt Status" are items noted at time of removal (e.g. exclude weight).

NR not recorded

**\*\* END OF REPORT \*\***