

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

Study Number:

Study Gender:

PWG Approval Date:

Version:

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

C08004-03

Both

See web page for date of PWG Approval

v1.1.7

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

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	SD25	210	05/20/16	11:05	25	4	274.6		Euthanized, No Delivery	
	LD28	201	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	202	06/15/16	01:52	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	203	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	204	06/13/16	03:36	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	205	06/13/16	03:36	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	206	06/13/16	03:36	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	207	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	208	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	209	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	211	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	212	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	213	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	214	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	215	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	216	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
21.0	LD28	301	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	302	06/14/16	04:21	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	303	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	304	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	305	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	306	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	307	06/13/16	03:36	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	308	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	309	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	310	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	311	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	312	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	313	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	314	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	315	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	316	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
41.9	LD5	416	05/23/16	02:08	5	1	NR		Euthanized, Insufficient Litter Size	Normal
	LD28	401	06/14/16	04:21	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	402	06/14/16	04:22	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	403	06/15/16	01:52	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	404	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	405	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	406	06/15/16	01:52	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	407	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	408	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	409	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	410	06/13/16	03:37	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	411	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	412	06/13/16	03:37	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	413	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	414	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	415	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
83.8	LD5	504	05/23/16	02:11	5	1	NR		Euthanized, Insufficient Litter Size	Normal
	LD20	506	06/06/16	08:56	20	3	326.2		Found Dead	Discharge Vagina Red
	LD28	501	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	502	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	503	06/14/16	04:22	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	505	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	507	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	508	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	509	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	510	06/15/16	01:52	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	511	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	512	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	513	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	514	06/15/16	01:52	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	515	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	516	06/14/16	04:22	28	4	NR		Scheduled Removal (Terminal)	Normal
168	SD25	603	05/20/16	11:03	25	4	233.0		Euthanized, No Delivery	
	LD28	601	06/14/16	04:23	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	602	06/13/16	03:38	28	4	NR		Scheduled Removal (Terminal)	Feces Soft
	LD28	604	06/14/16	04:23	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	605	06/14/16	04:23	28	4	NR		Scheduled Removal (Terminal)	Mass Thorax Right
	LD28	606	06/13/16	03:40	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	607	06/14/16	04:23	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	608	06/14/16	04:23	28	4	NR		Scheduled Removal (Terminal)	Feces Soft
	LD28	609	06/14/16	04:23	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	610	06/14/16	04:23	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	611	06/14/16	04:23	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	612	06/14/16	04:23	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	613	06/13/16	03:40	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	614	06/14/16	04:23	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	615	06/15/16	01:52	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	616	06/13/16	03:40	28	4	NR		Scheduled Removal (Terminal)	Normal
335	GD23	712	05/18/16	10:42	23	4	359.6		Euthanized Moribund	Coat Ruffled; Cold To Touch; Discharge Vagina Red; Lethargic; Pale
	LD28	701	06/13/16	03:40	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	702	06/14/16	04:27	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	703	06/14/16	04:27	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	704	06/14/16	04:27	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	705	06/13/16	03:40	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	706	06/14/16	04:27	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	707	06/14/16	04:27	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	708	06/14/16	04:27	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	709	06/14/16	04:27	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	710	06/14/16	04:27	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	711	06/15/16	01:52	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	713	06/14/16	04:27	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	714	06/14/16	04:27	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	715	06/14/16	04:27	28	4	NR		Scheduled Removal (Terminal)	Normal
	LD28	716	06/14/16	04:27	28	4	NR		Scheduled Removal (Terminal)	Normal

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Lab: Battelle

F1 Males: All F1 Animals

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	PND28	721	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	722	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	723	06/13/16	03:26	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	724	06/13/16	03:26	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	725	06/13/16	03:27	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	726	06/13/16	03:27	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	727	06/14/16	12:36	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	728	06/14/16	12:36	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	729	06/14/16	12:37	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	730	06/14/16	12:38	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	731	06/14/16	12:39	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	732	06/14/16	12:39	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	733	06/14/16	12:39	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	734	06/14/16	12:40	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	735	06/14/16	12:41	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	736	06/14/16	12:41	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	737	06/14/16	12:42	28	4	NR		Scheduled Removal (Interim)	Missing Scrotum Right
	PND28	738	06/14/16	12:42	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	739	06/14/16	12:42	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	740	06/14/16	12:43	28	4	NR		Scheduled Removal (Interim)	Normal
	PND118	131	09/13/16	06:20	118	17	486.6		Scheduled Removal (Terminal)	Normal
	PND119	132	09/13/16	06:29	119	17	475.1		Scheduled Removal (Terminal)	Normal
	PND119	133	09/13/16	06:17	119	17	368.8		Scheduled Removal (Terminal)	Normal
	PND119	134	09/13/16	06:19	119	17	442.0		Scheduled Removal (Terminal)	Normal
	PND119	135	09/13/16	06:21	119	17	419.0		Scheduled Removal (Terminal)	Normal

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Lab: Battelle

F1 Males: All F1 Animals

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
	PND121	1	09/15/16	07:29	121	18	495.1		Scheduled Removal (Terminal)	Normal
	PND121	5	09/15/16	07:17	121	18	368.2		Scheduled Removal (Terminal)	Normal
	PND121	9	09/15/16	07:15	121	18	439.6		Scheduled Removal (Terminal)	Normal
	PND121	10	09/15/16	07:27	121	18	437.1		Scheduled Removal (Terminal)	Normal
	PND122	2	09/15/16	07:25	122	18	507.1		Scheduled Removal (Terminal)	Discharge Nose/Snout Red
	PND122	4	09/16/16	07:37	122	18	417.9		Scheduled Removal (Terminal)	Normal
	PND122	6	09/16/16	07:26	122	18	461.1		Scheduled Removal (Terminal)	Discharge Nose/Snout Red
	PND122	7	09/16/16	07:23	122	18	457.3		Scheduled Removal (Terminal)	Normal
	PND122	8	09/16/16	07:39	122	18	517.4		Scheduled Removal (Terminal)	Normal
	PND123	3	09/16/16	07:30	123	18	482.4		Scheduled Removal (Terminal)	Normal
21.0	PND28	741	06/14/16	12:44	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	742	06/14/16	12:44	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	743	06/14/16	12:44	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	744	06/14/16	12:44	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	745	06/14/16	12:44	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	746	06/14/16	12:45	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	747	06/14/16	12:46	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	748	06/14/16	12:47	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	749	06/13/16	03:27	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	750	06/13/16	03:27	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	751	06/14/16	12:54	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	752	06/14/16	12:54	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	753	06/14/16	12:55	28	4	NR		Scheduled Removal (Interim)	Normal

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Lab: Battelle

F1 Males: All F1 Animals

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
	PND28	754	06/14/16	12:55	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	755	06/14/16	12:55	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	756	06/14/16	12:55	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	757	06/14/16	12:56	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	758	06/14/16	12:56	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	759	06/14/16	12:56	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	760	06/14/16	12:56	28	4	NR		Scheduled Removal (Interim)	Normal
	PND119	136	09/13/16	06:12	119	17	434.0		Scheduled Removal (Terminal)	Normal
	PND119	137	09/13/16	06:28	119	17	459.4		Scheduled Removal (Terminal)	Normal
	PND119	138	09/13/16	06:14	119	17	434.7		Scheduled Removal (Terminal)	Normal
	PND119	139	09/13/16	06:15	119	17	498.6		Scheduled Removal (Terminal)	Normal
	PND119	140	09/13/16	06:20	119	17	473.1		Scheduled Removal (Terminal)	Normal
	PND121	12	09/15/16	07:28	121	18	551.2		Scheduled Removal (Terminal)	Normal
	PND121	14	09/15/16	07:16	121	18	498.5		Scheduled Removal (Terminal)	Normal
	PND121	17	09/15/16	07:19	121	18	433.5		Scheduled Removal (Terminal)	Normal
	PND121	19	09/15/16	07:36	121	18	463.8		Scheduled Removal (Terminal)	Normal
	PND122	11	09/16/16	07:29	122	18	458.7		Scheduled Removal (Terminal)	Normal
	PND122	13	09/16/16	07:40	122	18	432.9		Scheduled Removal (Terminal)	Normal
	PND122	15	09/15/16	07:21	122	18	432.8		Scheduled Removal (Terminal)	Normal
	PND122	16	09/16/16	07:27	122	18	481.2		Scheduled Removal (Terminal)	Normal

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F1 Males: All F1 Animals

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41.9	PND122	18	09/16/16	07:38	122	18	466.3		Scheduled Removal (Terminal)	Normal
	PND122	20	09/16/16	07:25	122	18	524.0		Scheduled Removal (Terminal)	Normal
	PND28	761	06/14/16	12:57	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	762	06/14/16	12:57	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	763	06/14/16	12:57	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	764	06/14/16	12:57	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	765	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	766	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	767	06/14/16	12:58	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	768	06/14/16	12:58	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	769	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	770	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	771	06/14/16	12:58	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	772	06/14/16	12:58	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	773	06/13/16	03:28	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	774	06/13/16	03:28	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	775	06/14/16	12:58	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	776	06/14/16	12:59	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	777	06/13/16	03:28	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	778	06/13/16	03:28	28	4	NR		Scheduled Removal (Interim)	Normal
PND28	779	06/14/16	12:59	28	4	NR		Scheduled Removal (Interim)	Normal	
PND28	780	06/14/16	12:59	28	4	NR		Scheduled Removal (Interim)	Normal	
PND119	141	09/13/16	06:19	119	17	459.9			Scheduled Removal (Terminal)	Normal
PND119	142	09/13/16	06:13	119	17	411.0			Scheduled Removal (Terminal)	Normal
PND119	144	09/13/16	06:33	119	17	463.8			Scheduled Removal (Terminal)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Males: All F1 Animals

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
	PND119	145	09/13/16	06:12	119	17	514.7		Scheduled Removal (Terminal)	Normal
	PND120	22	09/15/16	07:22	120	18	478.3		Scheduled Removal (Terminal)	Normal
	PND120	143	09/13/16	06:32	120	18	440.2		Scheduled Removal (Terminal)	Normal
	PND121	25	09/15/16	07:25	121	18	445.2		Scheduled Removal (Terminal)	Normal
	PND121	26	09/15/16	07:28	121	18	407.7		Scheduled Removal (Terminal)	Normal
	PND121	30	09/15/16	07:15	121	18	462.7		Scheduled Removal (Terminal)	Normal
	PND122	21	09/16/16	07:31	122	18	476.9		Scheduled Removal (Terminal)	Normal
	PND122	23	09/16/16	07:29	122	18	461.5		Scheduled Removal (Terminal)	Normal
	PND122	24	09/16/16	07:38	122	18	424.3		Scheduled Removal (Terminal)	Normal
	PND122	27	09/16/16	07:26	122	18	456.1		Scheduled Removal (Terminal)	Normal
	PND122	28	09/15/16	07:17	122	18	476.1		Scheduled Removal (Terminal)	Normal
	PND122	29	09/16/16	07:22	122	18	517.9		Scheduled Removal (Terminal)	Normal
83.8	PND28	781	06/14/16	12:59	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	782	06/14/16	12:59	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	783	06/14/16	01:00	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	784	06/14/16	01:00	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	785	06/14/16	01:00	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	786	06/14/16	01:00	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	787	06/14/16	01:00	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	788	06/14/16	01:01	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	789	06/14/16	01:01	28	4	NR		Scheduled Removal (Interim)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Males: All F1 Animals

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
	PND28	790	06/14/16	01:01	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	791	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	792	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	793	06/14/16	01:01	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	794	06/14/16	01:01	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	795	06/14/16	01:02	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	796	06/14/16	01:02	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	797	06/14/16	01:02	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	798	06/14/16	01:02	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	799	06/14/16	01:02	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	800	06/14/16	01:02	28	4	NR		Scheduled Removal (Interim)	Normal
	PND35	147	06/21/16	02:18	35	5	NR		Euthanized, Sponsor Request (not moribund)	
	PND114	146	09/08/16	01:54	114	17	374.3		Euthanized Moribund	Discharge Eye Red, Right; Discharge Nose/Snout Bilateral, Red; Lethargic; Mass Head Hair-covered; Thin
	PND118	148	09/13/16	06:14	118	17	520.0		Scheduled Removal (Terminal)	Normal
	PND118	150	09/13/16	06:24	118	17	464.9		Scheduled Removal (Terminal)	Normal
	PND119	149	09/13/16	06:17	119	17	424.9		Scheduled Removal (Terminal)	Normal
	PND121	31	09/15/16	07:29	121	18	405.9		Scheduled Removal (Terminal)	Normal
	PND121	35	09/15/16	07:14	121	18	433.7		Scheduled Removal (Terminal)	Normal
	PND121	36	09/15/16	07:20	121	18	462.5		Scheduled Removal (Terminal)	Normal
	PND121	37	09/16/16	07:22	121	18	503.7		Scheduled Removal (Terminal)	Normal
	PND121	39	09/15/16	07:19	121	18	421.5		Scheduled Removal (Terminal)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Males: All F1 Animals

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
	PND121	40	09/15/16	07:27	121	18	530.1		Scheduled Removal (Terminal)	Normal
	PND122	32	09/16/16	07:37	122	18	508.9		Scheduled Removal (Terminal)	Normal
	PND122	33	09/16/16	07:27	122	18	465.2		Scheduled Removal (Terminal)	Normal
	PND122	34	09/16/16	07:39	122	18	424.8		Scheduled Removal (Terminal)	Normal
	PND122	38	09/16/16	07:28	122	18	508.9		Scheduled Removal (Terminal)	Normal
168	PND28	801	06/14/16	01:03	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	802	06/14/16	01:03	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	803	06/13/16	03:28	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	804	06/13/16	03:28	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	805	06/14/16	01:03	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	806	06/14/16	01:03	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	807	06/13/16	03:29	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	808	06/13/16	03:29	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	809	06/14/16	01:03	28	4	NR		Scheduled Removal (Interim)	Discharge Nose/Snout Red
	PND28	810	06/14/16	01:03	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	811	06/14/16	01:04	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	812	06/14/16	01:04	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	813	06/14/16	01:04	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	814	06/14/16	01:04	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	815	06/13/16	03:29	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	816	06/13/16	03:29	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	817	06/14/16	01:04	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	818	06/14/16	01:04	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	819	06/13/16	03:29	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	820	06/13/16	03:29	28	4	NR		Scheduled Removal (Interim)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Males: All F1 Animals

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
	PND119	151	09/13/16	06:26	119	17	413.8		Scheduled Removal (Terminal)	Normal
	PND119	152	09/13/16	06:21	119	17	421.4		Scheduled Removal (Terminal)	Normal
	PND119	153	09/13/16	06:22	119	17	413.6		Scheduled Removal (Terminal)	Normal
	PND119	154	09/13/16	06:28	119	17	409.7		Scheduled Removal (Terminal)	Normal
	PND120	155	09/13/16	06:18	120	18	460.1		Scheduled Removal (Terminal)	Normal
	PND121	42	09/15/16	07:22	121	18	404.2		Scheduled Removal (Terminal)	Normal
	PND121	43	09/15/16	07:16	121	18	418.7		Scheduled Removal (Terminal)	Normal
	PND121	47	09/15/16	07:19	121	18	473.8		Scheduled Removal (Terminal)	Normal
	PND121	49	09/15/16	07:33	121	18	444.9		Scheduled Removal (Terminal)	Normal
	PND121	50	09/16/16	07:31	121	18	460.1		Scheduled Removal (Terminal)	Normal
	PND122	41	09/16/16	07:30	122	18	486.9		Scheduled Removal (Terminal)	Normal
	PND122	45	09/16/16	07:39	122	18	445.0		Scheduled Removal (Terminal)	Normal
	PND122	46	09/16/16	07:24	122	18	446.2		Scheduled Removal (Terminal)	Normal
	PND122	48	09/15/16	07:26	122	18	495.6		Scheduled Removal (Terminal)	Normal
	PND123	44	09/16/16	07:28	123	18	406.8		Scheduled Removal (Terminal)	Normal
335	PND28	821	06/13/16	03:29	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	822	06/13/16	03:29	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	823	06/14/16	01:05	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	824	06/14/16	01:05	28	4	NR		Scheduled Removal (Interim)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Males: All F1 Animals

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
	PND28	825	06/14/16	01:05	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	826	06/14/16	01:05	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	827	06/13/16	03:30	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	828	06/13/16	03:30	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	829	06/14/16	01:05	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	830	06/14/16	01:05	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	831	06/14/16	01:05	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	832	06/14/16	01:05	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	833	06/14/16	01:06	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	834	06/14/16	01:06	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	835	06/14/16	01:06	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	836	06/14/16	01:06	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	837	06/14/16	01:06	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	838	06/14/16	01:06	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	839	06/14/16	01:07	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	840	06/14/16	01:07	28	4	NR		Scheduled Removal (Interim)	Normal
	PND118	160	09/13/16	06:30	118	17	422.6		Scheduled Removal (Terminal)	Normal
	PND119	156	09/13/16	06:15	119	17	435.5		Scheduled Removal (Terminal)	Normal
	PND119	157	09/13/16	06:11	119	17	435.6		Scheduled Removal (Terminal)	Normal
	PND119	158	09/13/16	06:25	119	17	405.7		Scheduled Removal (Terminal)	Normal
	PND119	159	09/13/16	06:27	119	17	406.0		Scheduled Removal (Terminal)	Normal
	PND121	52	09/15/16	07:26	121	18	437.8		Scheduled Removal (Terminal)	Normal
	PND121	53	09/15/16	07:16	121	18	419.7		Scheduled Removal (Terminal)	Normal
	PND121	55	09/15/16	07:21	121	18	438.6		Scheduled Removal (Terminal)	Discharge Nose/Snout Red

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Males: All F1 Animals

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
	PND121	58	09/15/16	07:35	121	18	478.9		Scheduled Removal (Terminal)	Normal
	PND121	60	09/15/16	07:18	121	18	424.2		Scheduled Removal (Terminal)	Normal
	PND122	56	09/16/16	07:26	122	18	414.4		Scheduled Removal (Terminal)	Normal
	PND122	57	09/16/16	07:31	122	18	405.6		Scheduled Removal (Terminal)	Normal
	PND122	59	09/16/16	07:40	122	18	449.5		Scheduled Removal (Terminal)	Normal
	PND123	51	09/16/16	07:28	123	18	429.8		Scheduled Removal (Terminal)	Normal
	PND123	54	09/16/16	07:24	123	18	477.8		Scheduled Removal (Terminal)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Females: All F1 Animals

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	PND28	841	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	842	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	843	06/13/16	03:30	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	844	06/13/16	03:30	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	845	06/13/16	03:31	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	846	06/13/16	03:31	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	847	06/14/16	01:07	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	848	06/14/16	01:07	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	849	06/14/16	01:08	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	850	06/14/16	01:08	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	851	06/14/16	01:08	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	852	06/14/16	01:08	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	853	06/14/16	01:08	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	854	06/14/16	01:08	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	855	06/14/16	01:09	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	856	06/14/16	01:09	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	857	06/14/16	01:09	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	858	06/14/16	01:09	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	859	06/14/16	01:09	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	860	06/14/16	01:09	28	4	NR		Scheduled Removal (Interim)	Normal
	PND117	161	09/12/16	06:26	117	17	295.2		Scheduled Removal (Terminal)	Normal
	PND118	162	09/12/16	06:23	118	17	297.1		Scheduled Removal (Terminal)	Normal
	PND118	163	09/12/16	06:39	118	17	260.3		Scheduled Removal (Terminal)	Normal
	PND118	164	09/12/16	06:22	118	17	290.5		Scheduled Removal (Terminal)	Normal
	PND118	165	09/12/16	06:35	118	17	244.2		Scheduled Removal (Terminal)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Females: All F1 Animals

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
	PND120	61	09/14/16	07:30	120	18	263.1		Scheduled Removal (Terminal)	Normal
	PND120	64	09/14/16	07:55	120	18	237.2		Scheduled Removal (Terminal)	Normal
	PND120	65	09/14/16	07:53	120	18	263.9		Scheduled Removal (Terminal)	Normal
	PND120	66	09/14/16	07:31	120	18	316.7		Scheduled Removal (Terminal)	Kinked Tail
	PND120	67	09/14/16	07:45	120	18	274.5		Scheduled Removal (Terminal)	Normal
	PND120	68	09/14/16	07:51	120	18	278.1		Scheduled Removal (Terminal)	Normal
	PND120	69	09/14/16	07:47	120	18	250.9		Scheduled Removal (Terminal)	Normal
	PND120	70	09/14/16	07:49	120	18	248.6		Scheduled Removal (Terminal)	Normal
	PND121	62	09/14/16	07:40	121	18	313.3		Scheduled Removal (Terminal)	Normal
	PND121	63	09/14/16	07:35	121	18	253.6		Scheduled Removal (Terminal)	Normal
21.0	PND28	861	06/14/16	01:09	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	862	06/14/16	01:10	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	863	06/14/16	01:10	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	864	06/14/16	01:10	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	865	06/14/16	01:10	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	866	06/14/16	01:10	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	867	06/14/16	01:10	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	868	06/14/16	01:10	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	869	06/13/16	03:31	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	870	06/13/16	03:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	871	06/14/16	01:11	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	872	06/14/16	01:11	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	873	06/14/16	01:11	28	4	NR		Scheduled Removal (Interim)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Females: All F1 Animals

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
	PND28	874	06/14/16	01:11	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	875	06/14/16	01:11	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	876	06/14/16	01:11	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	877	06/14/16	01:11	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	878	06/14/16	01:12	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	879	06/14/16	01:12	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	880	06/14/16	01:12	28	4	NR		Scheduled Removal (Interim)	Normal
	PND118	166	09/12/16	06:38	118	17	276.0		Scheduled Removal (Terminal)	Normal
	PND118	167	09/12/16	06:25	118	17	284.9		Scheduled Removal (Terminal)	Normal
	PND118	168	09/12/16	06:29	118	17	285.7		Scheduled Removal (Terminal)	Normal
	PND118	169	09/12/16	06:34	118	17	297.7		Scheduled Removal (Terminal)	Normal
	PND118	170	09/12/16	06:21	118	17	263.6		Scheduled Removal (Terminal)	Normal
	PND120	71	09/14/16	07:33	120	18	276.4		Scheduled Removal (Terminal)	Kinked Tail
	PND120	72	09/14/16	07:44	120	18	274.2		Scheduled Removal (Terminal)	Normal
	PND120	73	09/14/16	07:33	120	18	288.5		Scheduled Removal (Terminal)	Kinked Tail
	PND120	74	09/14/16	07:32	120	18	263.2		Scheduled Removal (Terminal)	Normal
	PND120	76	09/14/16	07:44	120	18	275.8		Scheduled Removal (Terminal)	Normal
	PND120	77	09/14/16	07:47	120	18	295.2		Scheduled Removal (Terminal)	Normal
	PND120	78	09/14/16	07:48	120	18	263.2		Scheduled Removal (Terminal)	Normal
	PND120	79	09/14/16	07:29	120	18	265.0		Scheduled Removal (Terminal)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Females: All F1 Animals

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
41.9	PND120	80	09/14/16	07:52	120	18	268.2		Scheduled Removal (Terminal)	Normal
	PND121	75	09/14/16	07:51	121	18	233.1		Scheduled Removal (Terminal)	Normal
	PND28	881	06/14/16	01:12	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	882	06/14/16	01:12	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	883	06/14/16	01:12	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	884	06/14/16	01:15	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	885	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	886	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	887	06/14/16	01:15	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	888	06/14/16	01:15	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	889	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	890	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	891	06/14/16	01:15	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	892	06/14/16	01:16	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	893	06/13/16	03:31	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	894	06/13/16	03:32	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	895	06/14/16	01:16	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	896	06/14/16	01:16	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	897	06/13/16	03:32	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	898	06/13/16	03:32	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	899	06/14/16	01:16	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	900	06/14/16	01:16	28	4	NR		Scheduled Removal (Interim)	Normal
	PND118	171	09/12/16	06:31	118	17	302.6			Scheduled Removal (Terminal)
PND118	172	09/12/16	06:35	118	17	300.4			Scheduled Removal (Terminal)	Normal
PND118	174	09/12/16	06:22	118	17	300.8			Scheduled Removal (Terminal)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Females: All F1 Animals

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
	PND118	175	09/12/16	06:35	118	17	310.4		Scheduled Removal (Terminal)	Normal
	PND119	82	09/14/16	07:35	119	17	285.6		Scheduled Removal (Terminal)	Normal
	PND119	173	09/12/16	06:30	119	17	255.9		Scheduled Removal (Terminal)	Normal
	PND120	81	09/14/16	07:54	120	18	331.9		Scheduled Removal (Terminal)	Normal
	PND120	83	09/14/16	07:42	120	18	311.9		Scheduled Removal (Terminal)	Normal
	PND120	84	09/14/16	07:34	120	18	276.0		Scheduled Removal (Terminal)	Normal
	PND120	85	09/14/16	07:50	120	18	266.4		Scheduled Removal (Terminal)	Normal
	PND120	86	09/14/16	07:31	120	18	297.2		Scheduled Removal (Terminal)	Normal
	PND120	87	09/14/16	07:29	120	18	283.8		Scheduled Removal (Terminal)	Normal
	PND120	89	09/14/16	07:51	120	18	293.3		Scheduled Removal (Terminal)	Normal
	PND120	90	09/14/16	07:54	120	18	293.4		Scheduled Removal (Terminal)	Normal
	PND121	88	09/14/16	07:35	121	18	255.0		Scheduled Removal (Terminal)	Kinked Tail
83.8	PND28	901	06/14/16	01:16	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	902	06/14/16	01:16	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	903	06/14/16	01:17	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	904	06/14/16	01:17	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	905	06/14/16	01:17	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	906	06/14/16	01:17	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	907	06/14/16	01:18	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	908	06/14/16	01:18	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	909	06/14/16	01:18	28	4	NR		Scheduled Removal (Interim)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Females: All F1 Animals

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
	PND28	910	06/14/16	01:18	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	911	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	912	06/15/16	01:31	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	913	06/14/16	01:18	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	914	06/14/16	01:18	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	915	06/14/16	01:19	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	916	06/14/16	01:19	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	917	06/14/16	01:19	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	918	06/14/16	01:19	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	919	06/14/16	01:19	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	920	06/14/16	01:19	28	4	NR		Scheduled Removal (Interim)	Normal
	PND29	177	06/15/16	02:58	29	5	NR		Euthanized, Sponsor Request (not moribund)	
	PND117	178	09/12/16	06:24	117	17	275.3		Scheduled Removal (Terminal)	Kinked Tail
	PND117	180	09/12/16	06:26	117	17	299.1		Scheduled Removal (Terminal)	Normal
	PND118	176	09/12/16	06:33	118	17	237.8		Scheduled Removal (Terminal)	Normal
	PND118	179	09/12/16	06:29	118	17	296.8		Scheduled Removal (Terminal)	Normal
	PND119	97	09/14/16	07:52	119	17	258.0		Scheduled Removal (Terminal)	Normal
	PND120	91	09/14/16	07:41	120	18	261.8		Scheduled Removal (Terminal)	Normal
	PND120	92	09/14/16	07:45	120	18	262.4		Scheduled Removal (Terminal)	Normal
	PND120	93	09/14/16	07:39	120	18	270.4		Scheduled Removal (Terminal)	Normal
	PND120	94	09/14/16	07:44	120	18	252.5		Scheduled Removal (Terminal)	Normal
	PND120	95	09/14/16	07:52	120	18	258.0		Scheduled Removal (Terminal)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Females: All F1 Animals

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
	PND120	96	09/14/16	07:42	120	18	293.3		Scheduled Removal (Terminal)	Normal
	PND120	98	09/14/16	07:54	120	18	289.8		Scheduled Removal (Terminal)	Normal
	PND120	99	09/14/16	07:34	120	18	258.2		Scheduled Removal (Terminal)	Kinked Tail
	PND120	100	09/14/16	07:49	120	18	302.0		Scheduled Removal (Terminal)	Normal
168	PND28	921	06/14/16	01:19	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	922	06/14/16	01:19	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	923	06/13/16	03:32	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	924	06/13/16	03:32	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	925	06/14/16	01:19	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	926	06/14/16	01:20	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	927	06/13/16	03:32	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	928	06/13/16	03:32	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	929	06/14/16	01:20	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	930	06/14/16	01:20	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	931	06/14/16	01:21	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	932	06/14/16	01:21	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	933	06/14/16	01:21	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	934	06/14/16	01:21	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	935	06/13/16	03:33	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	936	06/13/16	03:33	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	937	06/14/16	01:21	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	938	06/14/16	01:21	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	939	06/13/16	03:33	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	940	06/13/16	03:33	28	4	NR		Scheduled Removal (Interim)	Normal
	PND118	181	09/12/16	06:24	118	17	235.2		Scheduled Removal (Terminal)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Females: All F1 Animals

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
	PND118	182	09/12/16	06:36	118	17	266.4		Scheduled Removal (Terminal)	Normal
	PND118	183	09/12/16	06:33	118	17	264.8		Scheduled Removal (Terminal)	Kinked Tail
	PND118	184	09/12/16	06:34	118	17	295.4		Scheduled Removal (Terminal)	Normal
	PND119	110	09/14/16	07:36	119	17	294.0		Scheduled Removal (Terminal)	Normal
	PND119	185	09/12/16	06:25	119	17	262.0		Scheduled Removal (Terminal)	Kinked Tail
	PND120	101	09/14/16	07:55	120	18	262.8		Scheduled Removal (Terminal)	Normal
	PND120	102	09/14/16	07:48	120	18	280.4		Scheduled Removal (Terminal)	Kinked Tail
	PND120	103	09/14/16	07:42	120	18	266.8		Scheduled Removal (Terminal)	Normal
	PND120	105	09/14/16	07:41	120	18	312.8		Scheduled Removal (Terminal)	Normal
	PND120	106	09/14/16	07:55	120	18	296.4		Scheduled Removal (Terminal)	Normal
	PND120	107	09/14/16	07:50	120	18	301.5		Scheduled Removal (Terminal)	Kinked Tail
	PND120	109	09/14/16	07:48	120	18	282.9		Scheduled Removal (Terminal)	Normal
	PND121	104	09/14/16	07:46	121	18	257.4		Scheduled Removal (Terminal)	Kinked Tail
	PND121	108	09/14/16	07:39	121	18	287.1		Scheduled Removal (Terminal)	Kinked Tail
335	PND28	941	06/13/16	03:33	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	942	06/13/16	03:33	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	943	06/14/16	01:22	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	944	06/14/16	01:22	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	945	06/14/16	01:22	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	946	06/14/16	01:22	28	4	NR		Scheduled Removal (Interim)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Females: All F1 Animals

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
	PND28	947	06/13/16	03:33	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	948	06/13/16	03:33	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	949	06/14/16	01:22	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	950	06/14/16	01:22	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	951	06/14/16	01:22	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	952	06/14/16	01:22	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	953	06/14/16	01:23	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	954	06/14/16	01:23	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	955	06/14/16	01:23	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	956	06/14/16	01:23	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	957	06/14/16	01:23	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	958	06/14/16	01:23	28	4	NR		Scheduled Removal (Interim)	Normal
	PND28	959	06/14/16	01:23	28	4	NR		Scheduled Removal (Interim)	Kinked Tail
	PND28	960	06/14/16	01:23	28	4	NR		Scheduled Removal (Interim)	Normal
	PND117	190	09/12/16	06:30	117	17	289.6		Scheduled Removal (Terminal)	Normal
	PND118	186	09/12/16	06:37	118	17	253.8		Scheduled Removal (Terminal)	Kinked Tail
	PND118	187	09/12/16	06:31	118	17	260.5		Scheduled Removal (Terminal)	Normal
	PND118	188	09/12/16	06:38	118	17	247.6		Scheduled Removal (Terminal)	Normal
	PND118	189	09/12/16	06:37	118	17	289.8		Scheduled Removal (Terminal)	Normal
	PND120	112	09/14/16	07:32	120	18	261.4		Scheduled Removal (Terminal)	Normal
	PND120	113	09/14/16	07:43	120	18	254.9		Scheduled Removal (Terminal)	Kinked Tail
	PND120	115	09/14/16	07:53	120	18	268.1		Scheduled Removal (Terminal)	Normal
	PND120	116	09/14/16	07:51	120	18	278.2		Scheduled Removal (Terminal)	Normal

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

F1 Females: All F1 Animals

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
	PND120	117	09/14/16	07:43	120	18	288.9		Scheduled Removal (Terminal)	Normal
	PND120	118	09/14/16	07:40	120	18	283.4		Scheduled Removal (Terminal)	Normal
	PND120	119	09/14/16	07:28	120	18	280.8		Scheduled Removal (Terminal)	Normal
	PND120	120	09/14/16	07:36	120	18	256.5		Scheduled Removal (Terminal)	Normal
	PND121	111	09/14/16	07:46	121	18	262.5		Scheduled Removal (Terminal)	Kinked Tail
	PND121	114	09/14/16	07:46	121	18	277.5		Scheduled Removal (Terminal)	Kinked Tail

Study Number: C08004-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I02: Animal Removals: Chronological Description

Test Compound: Vanadyl sulfate

CAS Number: 27774-13-6

Date Report Requested: 02/04/2021

Time Report Requested: 09:29:21

Lab: Battelle

LEGEND

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).

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 114 through 120. 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 117 through 119.

NR not recorded

**** END OF REPORT ****