

Analysis Method: SM4500-CL C

ANALYST: Alexander

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB109315

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP84451
Indicator-acidifier reagent - Chloride	WP84417
MERCURIC NITRATE, 0.0141 N 4L	W2582
Chloride Blank	WP82416

Seq	Lab ID	True Value (mg/L)	Dilution	Sample Volume (mL)	Titrant Initial (ml)	Titrant Final (ml)	Titrant Diff. (ml)	Result (mg/L)	Anal Date	Anal Time
1	LB109315BL		1	50	0.00	0.10	0.10	0.00	05/26/2020	10:35
2	LB109315BS	100	1	10	0.10	2.20	2.10	99.97	05/26/2020	10:38
3	L2740-01		1	50	2.20	3.16	0.96	8.60	05/26/2020	10:42
4	L2740-02		1	50	3.16	4.82	1.66	15.60	05/26/2020	10:46
5	L2740-03		1	50	0.00	0.16	0.16	0.60	05/26/2020	10:50
6	L2740-04		1	10	0.16	1.56	1.40	64.98	05/26/2020	10:53
7	L2740-05		1	1	1.56	2.40	0.84	369.89	05/26/2020	10:56
8	L2740-06		1	5	2.40	3.66	1.26	115.96	05/26/2020	10:58
9	L2740-07		1	5	3.66	5.02	1.36	125.96	05/26/2020	11:02
10	L2740-08		1	10	0.00	2.02	2.02	95.97	05/26/2020	11:05
11	L2740-08DUP		1	10	2.02	4.02	2.00	94.97	05/26/2020	11:10
12	L2740-08MS	100	1	10	4.04	7.92	3.88	188.94	05/26/2020	11:14
13	L2740-08MSD	100	1	10	0.00	3.90	3.90	189.94	05/26/2020	11:17
14	L2741-01		1	5	0.00	1.50	1.50	139.96	05/26/2020	11:20
15	L2741-02		1	5	1.50	3.78	2.28	217.93	05/26/2020	11:23
16	L2741-03		1	5	3.78	5.98	2.20	209.93	05/26/2020	11:26
17	L2741-04		1	5	0.00	2.24	2.24	213.93	05/26/2020	11:29
18	L2741-05		1	5	2.24	4.40	2.16	205.94	05/26/2020	11:32

Titrant Diff = TitrantFinal - TitrantInitial

Result = (Titrant Diff - Row Blank Value * Normality)) * Constant /