

Analysis Method: SM4500-CL C

ANALYST: Alexander

Parameter: Dissolved Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB109316

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	LB109316BL		1	50	0.00	0.12	0.12	0.00	05/26/2020	11:40
2	LB109316BS	100	1	10	0.12	2.24	2.12	99.97	05/26/2020	11:44
3	L2740-09		1	50	0.00	0.82	0.82	7.00	05/26/2020	11:46
4	L2740-10		1	50	0.82	2.04	1.22	11.00	05/26/2020	11:49
5	L2740-11		1	50	2.04	2.20	0.16	0.40	05/26/2020	11:52
6	L2740-12		1	10	2.32	3.72	1.40	63.98	05/26/2020	11:56
7	L2740-13		1	1	3.72	4.54	0.82	349.89	05/26/2020	11:59
8	L2740-14		1	5	0.00	1.22	1.22	109.97	05/26/2020	12:02
9	L2740-15		1	5	1.22	2.54	1.32	119.96	05/26/2020	12:05
10	L2740-16		1	10	2.54	4.54	2.00	93.97	05/26/2020	12:08
11	L2740-16DUP		1	10	0.00	1.98	1.98	92.97	05/26/2020	12:12
12	L2740-16MS	100	1	10	1.98	5.84	3.86	186.94	05/26/2020	12:15
13	L2740-16MSD	100	1	10	0.00	3.88	3.88	187.94	05/26/2020	12:18
14	L2741-06		1	5	0.00	1.44	1.44	131.96	05/26/2020	12:21
15	L2741-07		1	5	1.44	3.64	2.20	207.94	05/26/2020	12:24
16	L2741-08		1	5	3.64	5.68	2.04	191.94	05/26/2020	12:28
17	L2741-09		1	5	0.00	2.14	2.14	201.94	05/26/2020	12:32
18	L2741-10		1	5	2.14	4.28	2.14	201.94	05/26/2020	12:35

Titrant Diff = TitrantFinal - TitrantInitial

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