

Analysis Method: SM4500-CL C

ANALYST: Aparna

Parameter: Dissolved Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB99415

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP69814
Indicator-acidifier reagent - Chloride	WP69696
MERCURIC NITRATE, 0.0141 N 4L	W2051

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	LB99415BL		1	50	0.00	0.04	0.04	0.00	11/27/2018	10:10
2	LB99415BS	100	1	10	0.04	2.10	2.06	100.97	11/27/2018	10:11
3	J6021-02		1	5	0.00	1.22	1.22	117.96	11/27/2018	10:12
4	J6021-02DUP		1	5	6.66	7.88	1.22	117.96	11/27/2018	10:13
5	J6021-02MS	100	1	5	0.22	2.54	2.32	227.93	11/27/2018	10:14
6	J6021-02MSD	100	1	5	2.54	4.70	2.16	211.93	11/27/2018	10:15
7	J6021-04		1	5	1.22	2.56	1.34	129.96	11/27/2018	10:16
8	J6021-06		1	5	2.56	3.88	1.32	127.96	11/27/2018	10:17
9	J6021-08		1	5	3.88	5.28	1.40	135.96	11/27/2018	10:18
10	J6021-10		1	5	5.28	6.66	1.38	133.96	11/27/2018	10:19
11	J6022-02		1	5	0.00	0.14	0.14	10.00	11/27/2018	10:20
12	J6022-02DUP		1	5	0.14	0.30	0.16	12.00	11/27/2018	10:21
13	J6022-02MS	100	1	5	0.14	1.30	1.16	111.97	11/27/2018	10:22
14	J6022-02MSD	100	1	5	0.00	1.20	1.20	115.96	11/27/2018	10:23
15	J6022-04		1	50	3.32	3.48	0.16	1.20	11/27/2018	10:24
16	J6022-06		1	1	3.48	4.88	1.40	679.79	11/27/2018	10:25
17	J6022-08		1	10	4.88	6.66	1.78	86.97	11/27/2018	10:26
18	J6022-10		1	5	6.66	7.70	1.04	99.97	11/27/2018	10:27
19	J6022-12		1	5	7.70	9.00	1.30	125.96	11/27/2018	10:28
20	J6022-14		1	10	0.00	1.76	1.76	85.97	11/27/2018	10:29
21	J6022-17		1	50	2.40	2.50	0.10	0.60	11/27/2018	10:30

Titrant Diff = TitrantFinal - TitrantInitial

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