

Analysis Method: SM4500-CL C

ANALYST: AMANDEEP

Parameter: Dissolved Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB101132

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP72154
Indicator-acidifier reagent - Chloride	WP71699
Chloride Blank	WP71697
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	LB101132BL		1	50	7.68	7.76	0.08	0.00	03/04/2019	12:18
2	LB101132BS	100	1	10	7.76	9.90	2.14	102.97	03/04/2019	12:20
3	K1667-09		1	50	0.00	1.00	1.00	9.20	03/04/2019	12:20
4	K1667-10		1	50	1.16	1.30	0.14	0.60	03/04/2019	12:23
5	K1667-11		1	1	1.54	2.60	1.06	489.85	03/04/2019	12:24
6	K1667-12		1	10	2.60	4.30	1.70	80.97	03/04/2019	12:26
7	K1667-13		1	10	4.30	5.72	1.42	66.98	03/04/2019	12:28
8	K1667-14		1	5	6.24	7.46	1.22	113.96	03/04/2019	12:29
9	K1667-15		1	5	7.54	8.72	1.18	109.97	03/04/2019	12:35
10	K1667-16		1	50	0.00	1.52	1.52	14.40	03/04/2019	12:37
11	K1668-02		1	5	1.52	2.78	1.26	117.96	03/04/2019	12:42
12	K1668-04		1	5	2.82	5.10	2.28	219.93	03/04/2019	12:45
13	K1668-06		1	5	5.20	7.38	2.18	209.93	03/04/2019	12:47
14	K1668-08		1	5	0.00	2.30	2.30	221.93	03/04/2019	12:50
15	K1668-10		1	5	2.30	4.54	2.24	215.93	03/04/2019	12:54
16	K1668-10DUP		1	5	4.54	6.78	2.24	215.93	03/04/2019	12:56
17	K1668-10MS	100	1	5	0.04	3.10	3.06	297.91	03/04/2019	12:56
18	K1668-10MSD	100	1	5	3.10	6.14	3.04	295.91	03/04/2019	12:59

Titrant Diff = TitrantFinal - TitrantInitial

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