

Analysis Method: SM4500-CL C

ANALYST: Alexander

Parameter: Dissolved Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB107948

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Indicator-acidifier reagent - Chloride	WP82418
Chloride LCS std, 100PPM	WP82414
Chloride Blank	WP82416
MERCURIC NITRATE, 0.0141 N 4L	W2582

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	LB107948BL		1	50	7.60	7.74	0.14	0.00	02/24/2020	15:15
2	LB107948BS	100	1	10	0.00	2.04	2.04	94.97	02/24/2020	15:17
3	L1634-12		1	5	2.20	3.28	1.08	93.97	02/24/2020	15:19
4	L1634-13		1	1	3.28	6.00	2.72	1289.60	02/24/2020	15:21
5	L1634-14		1	10	6.00	7.86	1.86	85.97	02/24/2020	15:23
6	L1634-15		1	10	0.00	0.74	0.74	29.99	02/24/2020	15:26
7	L1634-15DUP		1	10	0.74	1.52	0.78	31.99	02/24/2020	15:27
8	L1634-15MS	100	1	10	0.00	2.76	2.76	130.96	02/24/2020	15:44
9	L1634-15MSD	100	1	10	2.76	5.54	2.78	131.96	02/24/2020	15:45
10	L1634-16		1	10	1.52	2.24	0.72	28.99	02/24/2020	15:29
11	L1634-17		1	5	2.24	4.26	2.02	187.94	02/24/2020	15:31
12	L1634-18		1	1	4.26	5.28	1.02	439.86	02/24/2020	15:32
13	L1634-19		1	50	0.00	3.12	3.12	29.79	02/24/2020	15:35
14	L1634-20		1	5	3.12	4.20	1.08	93.97	02/24/2020	15:37
15	L1634-21		1	5	4.20	5.38	1.18	103.97	02/24/2020	15:39
16	L1634-22		1	50	5.98	6.12	0.14	0.00	02/24/2020	15:41

Titrant Diff = TitrantFinal - TitrantInitial

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