

Analysis Method: SM4500-CL C

ANALYST: Alexander

Parameter: Dissolved Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB107947

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	LB107947BL		1	50	0.00	0.12	0.12	0.00	02/24/2020	11:30
2	LB107947BS	100	1	10	0.12	2.24	2.12	99.97	02/24/2020	11:32
3	L1651-09		1	50	2.24	3.30	1.06	9.40	02/24/2020	11:34
4	L1651-10		1	50	3.30	4.84	1.54	14.20	02/24/2020	11:36
5	L1651-11		1	10	0.00	1.72	1.72	79.98	02/24/2020	11:40
6	L1651-11DUP		1	10	1.72	3.42	1.70	78.98	02/24/2020	11:42
7	L1651-11MS	100	1	10	0.00	3.76	3.76	181.94	02/24/2020	11:56
8	L1651-11MSD	100	1	10	3.76	7.50	3.74	180.94	02/24/2020	11:58
9	L1651-12		1	50	1.70	1.84	0.14	0.20	02/24/2020	11:44
10	L1651-13		1	1	1.84	2.28	0.44	159.95	02/24/2020	11:46
11	L1651-14		1	5	2.28	3.36	1.08	95.97	02/24/2020	11:48
12	L1651-15		1	5	3.36	4.42	1.06	93.97	02/24/2020	11:50
13	L1651-16		1	10	4.62	6.18	1.56	71.98	02/24/2020	11:52

Titrant Diff = TitrantFinal - TitrantInitial

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