

Analysis Method: SM4500-CL C

ANALYST: Alexander

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB107944

Constant: 35450

Normality1: 0.0141

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

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	LB107944BL		1	50	0.06	0.22	0.16	0.00	02/24/2020	12:10
2	LB107944BS	100	1	10	0.22	2.44	2.22	102.97	02/24/2020	12:12
3	L1651-01		1	50	2.44	3.58	1.14	9.80	02/24/2020	12:14
4	L1651-02		1	50	3.58	5.28	1.70	15.40	02/24/2020	12:16
5	L1651-03		1	10	0.00	1.78	1.78	80.97	02/24/2020	12:20
6	L1651-03DUP		1	10	1.78	3.60	1.82	82.97	02/24/2020	12:22
7	L1651-03MS	100	1	10	0.00	3.82	3.82	182.94	02/24/2020	12:47
8	L1651-03MSD	100	1	10	3.82	7.60	3.78	180.94	02/24/2020	12:49
9	L1651-04		1	50	3.60	3.78	0.18	0.20	02/24/2020	12:23
10	L1651-05		1	1	3.86	4.38	0.52	179.94	02/24/2020	12:25
11	L1651-06		1	5	4.38	5.52	1.14	97.97	02/24/2020	12:27
12	L1651-07		1	5	5.52	6.64	1.12	95.97	02/24/2020	12:29
13	L1651-08		1	10	6.64	8.70	2.06	94.97	02/24/2020	12:31
14	L1652-01		1	5	0.00	1.32	1.32	115.96	02/24/2020	12:35
15	L1652-02		1	5	1.72	3.34	1.62	145.95	02/24/2020	12:37
16	L1652-03		1	5	3.34	5.04	1.70	153.95	02/24/2020	12:39
17	L1652-04		1	5	5.04	6.64	1.60	143.96	02/24/2020	12:41
18	L1652-05		1	5	6.64	8.38	1.74	157.95	02/24/2020	12:43

Titrant Diff = TitrantFinal - TitrantInitial

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