

Analysis Method: SM4500-CL C

ANALYST: Alexander

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB107945

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	LB107945BL		1	50	0.00	0.12	0.12	0.00	02/24/2020	13:10
2	LB107945BS	100	1	10	0.12	2.18	2.06	96.97	02/24/2020	13:12
3	L1634-01		1	5	2.18	3.28	1.10	97.97	02/24/2020	13:14
4	L1634-02		1	1	3.28	6.16	2.88	1379.57	02/24/2020	13:16
5	L1634-03		1	10	6.16	8.24	2.08	97.97	02/24/2020	13:18
6	L1634-04		1	10	0.00	0.82	0.82	34.99	02/24/2020	13:22
7	L1634-04DUP		1	10	0.82	1.62	0.80	33.99	02/24/2020	13:24
8	L1634-04MS	100	1	10	3.16	5.98	2.82	134.96	02/24/2020	13:42
9	L1634-04MSD	100	1	10	5.98	8.78	2.80	133.96	02/24/2020	13:44
10	L1634-05		1	10	1.62	2.38	0.76	31.99	02/24/2020	13:26
11	L1634-06		1	5	2.38	4.50	2.12	199.94	02/24/2020	13:28
12	L1634-07		1	1	4.50	5.74	1.24	559.83	02/24/2020	13:30
13	L1634-08		1	50	5.74	9.22	3.48	33.59	02/24/2020	13:32
14	L1634-09		1	5	0.00	1.12	1.12	99.97	02/24/2020	13:36
15	L1634-10		1	5	1.72	3.02	1.30	117.96	02/24/2020	13:38
16	L1634-11		1	50	3.02	3.16	0.14	0.20	02/24/2020	13:40

Titrant Diff = TitrantFinal - TitrantInitial

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