

Analysis Method: SM4500-CL C

ANALYST: chirag

Parameter: Dissolved Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB104709

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP77494
Indicator-acidifier reagent - Chloride	WP77464
Chloride Blank	WP76520
MERCURIC NITRATE, 0.0141 N 4L	W2275

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	LB104709BL		1	50	0.00	0.02	0.02	0.00	08/21/2019	11:50
2	LB104709BS	100	1	10	0.02	2.05	2.03	100.47	08/21/2019	11:54
3	K4410-12		1	5	2.05	3.16	1.11	108.97	08/21/2019	11:58
4	K4410-12DUP		1	5	3.16	4.26	1.10	107.97	08/21/2019	12:02
5	K4410-12MS	100	1	5	0.00	2.05	2.05	202.94	08/21/2019	12:06
6	K4410-12MSD	100	1	5	2.05	4.11	2.06	203.94	08/21/2019	12:11
7	K4410-13		1	1	4.11	6.66	2.55	1264.61	08/21/2019	12:15
8	K4410-14		1	10	6.66	7.78	1.12	54.98	08/21/2019	12:19
9	K4410-16		1	10	0.00	0.63	0.63	30.49	08/21/2019	12:24
10	K4410-17		1	10	0.63	0.92	0.29	13.50	08/21/2019	12:29
11	K4410-18		1	5	0.92	2.57	1.65	162.95	08/21/2019	12:35
12	K4410-19		1	5	2.57	3.73	1.16	113.96	08/21/2019	12:39
13	K4410-20		1	1	3.73	4.02	0.29	134.96	08/21/2019	12:44
14	K4410-21		1	1	4.02	5.34	1.32	649.80	08/21/2019	12:48
15	K4410-22		1	50	5.34	8.45	3.11	30.89	08/21/2019	12:55

Titrant Diff = TitrantFinal - TitrantInitial

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