

Analysis Method: SM4500-CL C

ANALYST: Alexander

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB111655

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP87740
Indicator-acidifier reagent - Chloride	WP87029
MERCURIC NITRATE, 0.0141 N 4L	W2582
Chloride Blank	WP86464

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	LB111655BL		1	50	0.00	0.08	0.08	0.00	10/22/2020	11:05
2	LB111655BS	100	1	10	0.08	2.28	2.20	105.97	10/22/2020	11:07
3	L4457-02		1	2	2.28	3.60	1.32	309.90	10/22/2020	11:09
4	L4457-03		1	1	3.60	4.72	1.12	519.84	10/22/2020	11:11
5	L4457-03DUP		1	1	4.72	5.80	1.08	499.84	10/22/2020	11:13
6	L4457-03MS	100	1	1	0.00	1.18	1.18	549.83	10/22/2020	11:16
7	L4457-03MSD	100	1	1	1.18	2.38	1.20	559.83	10/22/2020	11:18
8	L4457-04		5	1	3.94	5.02	1.08	499.84	10/22/2020	11:20

Titrant Diff = TitrantFinal - TitrantInitial

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