

Analysis Method: SM4500-CL C

ANALYST: Alexander

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB111089

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP86943
Indicator-acidifier reagent - Chloride	WP86470
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	LB111089BL		1	50	0.00	0.08	0.08	0.00	09/22/2020	11:45
2	LB111089BS	100	1	10	0.08	2.24	2.16	103.97	09/22/2020	11:47
3	L3974-05		1	10	2.28	4.64	2.36	113.96	09/22/2020	11:49

$$\text{Titrant Diff} = \text{TitrantFinal} - \text{TitrantInitial}$$
$$\text{Result} = (\text{Titrant Diff} - \text{Row Blank Value} * \text{Normality}) * \text{Constant} /$$