

Analysis Method: SM4500-CL C

ANALYST: Niha

Parameter: Chloride

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133220

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Indicator-acidifier reagent - Chloride	WP110477
Chloride Blank	WP109214
CL LOD, 2.5PPM	WP110492
Chloride LCS std - 50ppm	WP110491
MERCURIC NITRATE, 0.0141 N 4L	W3075

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	LB133220BL		1	50	0.00	0.02	0.02	0.00	10/30/2024	16:24
2	LB133220BS	50	1	20	0.00	1.96	1.96	48.48	10/30/2024	16:27
3	P4368-09		1	50	0.00	0.28	0.28	2.60	10/30/2024	16:30

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