

Analysis Method: SM4500-CL C

ANALYST: Rubina

Parameter: Chloride

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130734

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Indicator-acidifier reagent - Chloride	WP107903
Chloride Blank	WP107904
CL LOD, 2.5PPM	WP107905
Chloride LCS std - 50ppm	WP107902
CL LOQ std 5ppm	WP107906
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	LB130734BL		1	50	0.00	0.08	0.08	0.00	05/13/2024	11:45
2	LB130734BS	50	1	20	0.00	2.02	2.02	48.48	05/13/2024	11:48
3	P2403-07		1	50	0.00	0.35	0.35	2.70	05/13/2024	11:50
4	P2403-08		1	50	0.00	0.62	0.62	5.40	05/13/2024	11:53

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