

Analysis Method: SM4500-CL C

ANALYST: rubina

Parameter: Chloride

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135924

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Indicator-acidifier reagent - Chloride	WP113213
Chloride Blank	WP111961
CL LOD, 2.5PPM	WP113215
Chloride LCS std - 50ppm	WP113214
CL LOQ std 5ppm	WP113216
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	LB135924BL		1	50	0.00	0.04	0.04	0.00	05/28/2025	09:20
2	LB135924BS	50	1	20	0.00	1.98	1.98	48.48	05/28/2025	09:23
3	Q2126-07		1	50	0.00	0.26	0.26	2.20	05/28/2025	09:26
4	Q2126-08		1	50	0.00	0.56	0.56	5.20	05/28/2025	09:29

$\text{Titrant Diff} = \text{TitrantFinal} - \text{TitrantInitial}$

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