

Analysis Method: SM4500-CL C

ANALYST: Rubina

Parameter: Chloride

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129212

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Indicator-acidifier reagent - Chloride	WP106194
Chloride Blank	WP105287
CL LOD, 2.5PPM	WP106196
Chloride LCS std - 50ppm	WP106195
CL LOQ std 5ppm	WP106197
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	LB129212BL		1	50	0.00	0.07	0.07	0.00	01/22/2024	13:30
2	LB129212BS	50	1	20	0.00	2.02	2.02	48.73	01/22/2024	13:33
3	P1187-07		1	50	0.00	0.34	0.34	2.70	01/22/2024	13:36
4	P1187-08		1	50	0.00	0.62	0.62	5.50	01/22/2024	13:39

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