

Analysis Method: SM4500-CL C

ANALYST: rubina

Parameter: Chloride

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132007

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Indicator-acidifier reagent - Chloride	WP109212
Chloride Blank	WP109214
CL LOD, 2.5PPM	WP109215
Chloride LCS std - 50ppm	WP109213
CL LOQ std 5ppm	WP109216
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	LB132007BL		1	50	0.00	0.09	0.09	0.00	08/14/2024	10:15
2	LB132007BS	50	1	20	0.00	2.16	2.16	51.73	08/14/2024	10:18
3	P3390-07		1	50	0.00	0.32	0.32	2.30	08/14/2024	10:21
4	P3390-08		1	50	0.00	0.62	0.62	5.30	08/14/2024	10:24

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