

Analysis Method: SM4500-CL C

ANALYST: Iwona

Parameter: Chloride

SUPERVISOR REVIEW BY: Sohil

Run Number: LB127811

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Indicator-acidifier reagent - Chloride	WP104722
Chloride Blank	WP102369
CL LOD, 2.5PPM	WP104723
HNO3 0.1N for Chloride	WP103986
Chloride LCS std - 50ppm	WP104721
CL LOQ std 5ppm	WP104724

MERCURIC NITRATE, 0.0141 N 4L										W2902
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	LB127811BL		1	50	0.00	0.04	0.04	0.00	10/16/2023	11:05
2	LB127811BS	50	1	20	0.00	1.92	1.92	46.99	10/16/2023	11:08
3	O4349-05		1	20	0.00	2.74	2.74	67.48	10/16/2023	11:11
4	O4699-07		1	50	0.00	0.31	0.31	2.70	10/16/2023	11:14
5	O4699-08		1	50	0.00	0.58	0.58	5.40	10/16/2023	11:17

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

WORKLIST(Hardcopy Internal Chain)

LB127811

WorkList Name : Chloride-101623

WorkList ID : 174601

Department : Wet-Chemistry

Date : 10-16-2023 10:58:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4349-05	PT-MIN1-WP	Water	Chloride	Cool 4 deg C	CHEM02	QA Of	09/05/2023	SM4500-CL C
O4699-07	LOD-MDL-WATER-01-QT4-202	Water	Chloride	Cool 4 deg C	CHEM02	QA Of	10/02/2023	SM4500-CL C
O4699-08	LOQ-WATER-02-QT4-2023	Water	Chloride	Cool 4 deg C	CHEM02	QA Of	10/02/2023	SM4500-CL C

Date/Time 10/16/23 11:00
 Raw Sample Received by: 12 (W.C.)
 Raw Sample Relinquished by: 53 (B.A. Offire)

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by: