

Analysis Method: SM4500-CL C

ANALYST: Iwona

Parameter: Chloride

SUPERVISOR REVIEW BY: Sohil

Run Number: LB123615

Constant: 35450

Normality1: 0.1410

Reagent/Standard	Lot/Log #
HNO3 0.1N for Chloride	WP98184
Chloride LCS Std - 500ppm	WP100548
Mixed indicator reagent for Chloride more than 100ppm	WP100547
Mercuric Nitrate, 0.141 N, 500ml	W2909

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	LB123615BL		1	50	0.00	0.02	0.02	0.00	01/10/2023	14:10
2	LB123615BS	500	1	20	0.02	1.96	1.94	479.85	01/10/2023	14:13
3	O1079-01		1	50	1.96	3.04	1.08	105.97	01/10/2023	14:16
4	O1079-02		1	50	3.04	4.09	1.05	102.97	01/10/2023	14:20
5	O1079-02DUP		1	50	4.09	5.15	1.06	103.97	01/10/2023	14:23
6	O1079-02MS	500	1	20	5.15	7.48	2.33	577.32	01/10/2023	14:26
7	O1079-02MSD	500	1	20	7.48	9.85	2.37	587.32	01/10/2023	14:30

Titrant Diff = TitrantFinal - TitrantInitial

Result = (Titrant Diff - Row Blank Value * Normality)) * Constant / Sa

WORKLIST(Hardcopy Internal Chain)

LB23615

WorkList Name : Chloride-011023

WorkList ID : 166464

Department : Wet-Chemistry

Date : 01-10-2023 12:48:42

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/10/2023	Water	O1079-01	Chloride	Cool 4 deg C	SOUN03	N31	SAMPLE-1-EFFLUENT	01/09/2023	SM4500-CL C
01/10/2023	Water	O1079-02	Chloride	Cool 4 deg C	SOUN03	N31	SAMPLE-2-INFLUENT	01/09/2023	SM4500-CL C

Date/Time 01/10/23 12:40
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 01/10/23 14:50
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]