

Analysis Method: SM4500-CL C

ANALYST: Iwona

Parameter: Chloride

SUPERVISOR REVIEW BY: Sohil

Run Number: LB127227

Constant: 35450

Normality1: 0.1410

Reagent/Standard	Lot/Log #
HNO3 0.1N for Chloride	WP103986
Chloride LCS Std - 500ppm	WP104097
Mixed indicator reagent for Chloride more than 100ppm	WP103987
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	LB127227BL		1	50	0.00	0.02	0.02	0.00	09/11/2023	10:20
2	LB127227BS	500	1	20	0.00	1.97	1.97	487.35	09/11/2023	10:23
3	O4299-09		5	10	0.00	4.28	4.28	2129.34	09/11/2023	10:26
4	O4343-01		1	10	0.00	2.92	2.92	1449.55	09/11/2023	10:30
5	O4343-02		1	20	0.00	1.78	1.78	439.86	09/11/2023	10:33
6	O4343-02DUP		1	20	0.00	1.77	1.77	437.36	09/11/2023	10:36
7	O4343-02MS	500	1	20	0.00	3.73	3.73	927.21	09/11/2023	10:40
8	O4343-02MSD	500	1	20	0.00	3.71	3.71	922.21	09/11/2023	10:43

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

WORKLIST(Hardcopy Internal Chain)

LB 127227

WorkList Name : Chloride-091123 WorkList ID : 173459 Department : Wet-Chemistry Date : 09-11-2023 09:34:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4299-09	MW-01	Water	Chloride	Cool 4 deg C	LIRO01	N11	09/05/2023	SM4500-CL C
O4299-10	TWP-01	Water	Chloride	Cool 4 deg C	LIRO01	N11 127228	09/05/2023	SM4500-CL C
O4343-01	SAMPLE-1-14TH-STREET	Water	Chloride	Cool 4 deg C	SOUN03	N11	09/06/2023	SM4500-CL C
O4343-02	SAMPLE-2-23RD-STREET	Water	Chloride	Cool 4 deg C	SOUN03	N11	09/06/2023	SM4500-CL C

Date/Time 09/11/23 08:45
Raw Sample Received by: 12/5C
Raw Sample Relinquished by: 28/6C

Date/Time 09/11/23 11:20
Raw Sample Received by: 28/6C
Raw Sample Relinquished by: 12/5C