

Analysis Method: SM4500-CL C

ANALYST: Iwona

Parameter: Chloride

SUPERVISOR REVIEW BY: jignesh

Run Number: LB122185

Constant: 35450

Normality1: 0.1410

Reagent/Standard	Lot/Log #
HNO3 0.1N for Chloride	WP98184
Chloride LCS Std - 500ppm	WP99102
Mixed indicator reagent for Chloride more than 100ppm	WP98871
Mercuric Nitrate, 0.141 N, 500ml	W2791

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	LB122185BL		1	50	0.00	0.02	0.02	0.00	09/26/2022	11:10
2	LB122185BS	500	1	20	0.02	1.97	1.95	482.35	09/26/2022	11:13
3	N4742-07		1	20	1.95	3.18	1.23	302.41	09/26/2022	11:16
4	N4742-08		1	20	3.18	4.71	1.53	377.38	09/26/2022	11:19
5	N4742-08DUP		1	20	4.71	6.25	1.54	379.88	09/26/2022	11:22
6	N4742-08MS	500	1	20	6.25	9.70	3.45	857.23	09/26/2022	11:25
7	N4742-08MSD	500	1	20	9.70	13.14	3.44	854.73	09/26/2022	11:28

$$\text{Titrant Diff} = \text{TitrantFinal} - \text{TitrantInitial}$$

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

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Chloride-0922222      **WorkList ID :** 163410      **Department :** Wet-Chemistry      **Date :** 09-22-2022 09:15:43

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/28/2022	Water	N4742-07	Chloride	Cool 4 deg C	LIRO01	N11	TWP-05 LB 122185	09/21/2022	SM4500-CL C
09/28/2022	Water	N4742-08	Chloride	Cool 4 deg C	LIRO01	N11	TWP-14 LB 122185	09/21/2022	SM4500-CL C
09/28/2022	Water	N4742-09	Chloride	Cool 4 deg C	LIRO01	N11	TWP-21 LB 122185	09/21/2022	SM4500-CL C

**Date/Time** 9/26/22 10:30  
**Raw Sample Received by:** 12(20) (Signature)  
**Raw Sample Relinquished by:** (Signature)

**Date/Time** 9/26/22 12:20  
**Raw Sample Received by:** 12(20) (Signature)  
**Raw Sample Relinquished by:** 12(20) (Signature)