

Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB134367
Constant: 50,000

Reviewed By: Niha
Supervisor Review By: Iwona
Normality: 0.02
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP111507
SULFURIC ACID, 0.02N, 4L	W3150

Seq	LabID	ClientID	TV (mg/L)	DL	Sample Vol (mL)	Initial pH	pH(4.3- 4.7)	Final pH	0.02N H2SO4				Alkalinity	Anal Date	Anal Time
									A	B	C	D			
									Initial(ml)	ml at pH(4.3-4.7)	Final(ml)	Diff(ml)			
1	LB134367BL	LB134367BL		1	100	5.03	4.54	4.24	0	0.06	0.12	0.00	0.00	01/22/2025	14:15
2	LB134367BS	LB134367BS	50	1	100	9.80	4.67	4.37	0	5.20	5.36	5.04	50.40	01/22/2025	14:21
3	Q1122-01	RW10A-20250116		1	100	4.40	4.40	4.40	0	0	0	0.00	0.00	01/22/2025	14:28
4	Q1122-01DUP	RW10A-20250116D		1	100	4.42	4.42	4.42	0	0	0	0.00	0.00	01/22/2025	14:35

$$D = 2(B-A) - (C-A)$$

$$\text{Alkalinity} = (D * \text{Normality} * \text{Constant}) / \text{Sample Volume (ml)}$$

WORKLIST(Hardcopy Internal Chain)

LB134367

WorkList Name : ALKALINITY-01202025

WorkList ID : 187011

Department : Wet-Chemistry

Date : 01-20-2025 09:23:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1122-01	RW10A-20250116	Water	Alkalinity	Cool 4 deg C	TETR06	E11	01/16/2025	SM2320 B

Date/Time 01.22.2025, 13:30
 Raw Sample Received by: NFWC
 Raw Sample Relinquished by: NFWC

Date/Time 01.22.2025, 14:45
 Raw Sample Received by: NFWC
 Raw Sample Relinquished by: NFWC