

Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB135310
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	WP112573
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	LB135310BL	LB135310BL		1	100	5.08	4.47	4.17	0.0	0.04	0.08	0.00	0.00	04/04/2025	13:30
2	LB135310BS	LB135310BS	50	1	100	9.49	4.61	4.31	0.0	5.26	5.84	4.68	46.80	04/04/2025	13:35
3	Q1731-05	EB01-040325		1	100	4.36	4.36	4.06	0.0	0	0.00	0.00	0.00	04/04/2025	13:40

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

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

WORKLIST(Hardcopy Internal Chain)

LB135310

WorkList Name : ALK-040425 WorkList ID : 188750 Department : Wet-Chemistry Date : 04-04-2025 13:06:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1731-05	EB01-040325	Water	Alkalinity	Cool 4 deg C	JACO05	L31	04/03/2025	SM2320 B

Date/Time 04/04/25 13:10
Raw Sample Received by: 12(201)
Raw Sample Relinquished by: 20(001)

Date/Time 04/04/25 14:00
Raw Sample Received by: 20(001)
Raw Sample Relinquished by: 12(201)