Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB136420
Constant: 50,000

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

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP113893
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	LB136420BL	LB136420BL		1	100	5.05	4.61	4.31	0.0	0.08	0.16	0.00	0.00	07/10/2025	13:10
2	LB136420BS	LB136420BS	50	1	100	10.01	4.47	4.17	0	5.22	6.02	4.42	44.20	07/10/2025	13:15
3	Q2536-01	RW5-SP100-20250		1	100	5.09	4.54	4.24	0	0.52	0.60	0.44	4.40	07/10/2025	13:20
4	Q2536-01DUP	RW5-SP100-20250		1	100	5.10	4.66	4.36	0	0.50	0.60	0.40	4.00	07/10/2025	13:25
5	Q2536-02	RW7-SP100-20250		1	100	5.04	4.58	4.28	0	0.26	0.34	0.18	1.80	07/10/2025	13:30
6	Q2536-03	RW8-SP100-20250		1	100	5.01	4.68	4.28	0	0.18	0.30	0.06	0.60	07/10/2025	13:35

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

Alkalinity = (D * Normality * Constant) / Sample Volume(ml)

WORKLIST(Hardcopy Internal Chain)

1b136420

WorkList Name : ALKALINITY-071025 **WorkList ID :** 190637 **Department :** Wet-Chemistry **Date :** 07-10-2025 11:58:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2536-01	RW5-SP100-20250708	Water	Alkalinity	Cool 4 deg C	TETR06	O21	07/08/2025	SM2320 B
Q2536-02	RW7-SP100-20250708	Water	Alkalinity	Cool 4 deg C	TETR06	O21	07/08/2025	SM2320 B
Q2536-03	RW8-SP100-20250708	Water	Alkalinity	Cool 4 deg C	TETR06	O21	07/08/2025	SM2320 B

Date/Time 07/10/25 12:40
Raw Sample Received by: EM(WC)
Raw Sample Relinquished by: MP(CA)

Date/Time 07/10/25 13:45
Raw Sample Received by: JR(CA)
Raw Sample Relinquished by: EM(WC)