

Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB131201
Constant: 50,000

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

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP108448
0.1N Sulfuric acid for Alkalinity over 1000pp	WP106124

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	LB131201BL	LB131201BL		1	100	5.01	4.48	4.18	0.0	0.08	0.16	0.00	0.00	06/12/2024	11:30
2	LB131201BS	LB131201BS	50	1	100	9.52	4.62	4.32	0.0	5.26	5.38	5.14	51.40	06/12/2024	11:35
3	P2749-01	SY-10S		1	100	6.02	4.68	4.38	0.0	0.72	0.96	0.48	4.80	06/12/2024	11:40
4	P2749-03	SY-10D		1	100	6.41	4.65	4.35	0.0	1.94	2.18	1.70	17.00	06/12/2024	11:45
5	P2749-03DUP	SY-10DDUP		1	100	6.40	4.61	4.31	0.0	1.96	2.18	1.74	17.40	06/12/2024	11:50

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

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