

Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB133517
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	WP110766
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	LB133517BL	LB133517BL		1	100	5.04	4.50	4.20	0	0.08	0.16	0.00	0.00	11/19/2024	12:30
2	LB133517BS	LB133517BS	50	1	100	9.82	4.60	4.30	0	5.40	5.54	5.26	52.60	11/19/2024	12:37
3	P4846-10	FSND-RB-3-20241		1	100	5.52	4.52	4.22	0	0.12	0.20	0.04	0.40	11/19/2024	12:44
4	P4873-01	FSND-RB-4-20241		1	100	5.13	4.67	4.37	0	0.10	0.16	0.04	0.40	11/19/2024	12:50
5	P4873-01DUP	FSND-RB-4-20241		1	100	5.14	4.61	4.31	0	0.12	0.18	0.06	0.60	11/19/2024	12:57

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

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