



Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB122625
Constant: 50,000

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

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP99601
Sulfuric Acid, 0.02N (cs/4x4L)	W2847

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	LB122625BL	LB122625BL		1	100	5.03	4.60	4.31	0.0	0.08	0.16	0.00	0.00	10/26/2022	15:30
2	LB122625BS	LB122625BS	50	1	100	9.70	4.50	4.20	0.00	5.40	5.48	5.32	53.20	10/26/2022	15:38
3	N5212-33	FSND-RB-2022101		1	100	5.29	4.37	4.07	0.00	0.20	0.32	0.08	0.80	10/26/2022	15:45
4	N5212-33DUP	FSND-RB-2022101		1	100	5.28	4.41	4.13	0.00	0.18	0.28	0.08	0.80	10/26/2022	15:52

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

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