

Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB121954
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	WP98905
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	LB121954BL	LB121954BL		1	100	5.02	4.61	4.31	0.00	0.08	0.16	0.00	0.00	09/08/2022	15:10
2	LB121954BS	LB121954BS	50	1	100	9.73	4.52	4.22	0.00	5.42	5.40	5.44	54.40	09/08/2022	15:18
3	N4454-12	OW-02B-18.7-23.		1	100	4.45	4.45	4.15	0.00	0.08	0.16	0.00	0.00	09/08/2022	15:25
4	N4471-08	MW-12A-13-18-08		1	100	3.35	3.35	3.35	0.0	0.0	0.0	0.00	0.00	09/08/2022	15:32
5	N4471-15	MW-06-1.5-11.5-		1	100	6.45	4.43	4.13	0.00	1.98	2.32	1.64	16.40	09/08/2022	15:40
6	N4471-15DUP	MW-06-1.5-11.5-		1	100	6.44	4.47	4.17	0.00	1.92	2.38	1.46	14.60	09/08/2022	15:48

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

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