



Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB120970
Constant: 50,000

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

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP97808
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	LB120970BL	LB120970BL		1	100	5.12	4.54	4.24	0.00	0.08	0.16	0.00	0.00	07/08/2022	10:20
2	LB120970BS	LB120970BS	50	1	100	10.02	4.32	4.02	0.00	5.22	5.48	4.96	49.60	07/08/2022	10:28
3	N3535-01	RW8-20220628		1	100	5.83	4.42	4.12	0.00	0.52	0.66	0.38	3.80	07/08/2022	10:35
4	N3535-01DUP	RW8-20220628DUP		1	100	5.82	4.54	4.24	0.00	0.50	0.64	0.36	3.60	07/08/2022	10:42

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

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