



Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB128274
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	WP105262
0.1N Sulfuric acid for Alkalinity over 1000pp	WP103261

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	LB128274BL	LB128274BL		1	100	5.03	4.62	4.32	0.00	0.06	0.12	0.00	0.00	11/10/2023	13:15
2	LB128274BS	LB128274BS	50	1	100	8.84	4.56	4.26	0.00	5.26	5.34	5.18	51.80	11/10/2023	13:22
3	O5222-13	FSND-RB-3-20231		1	100	5.4	4.69	4.29	0.00	0.17	0.3	0.04	0.40	11/10/2023	13:30
4	O5222-13DUP	FSND-RB-3-20231		1	100	5.39	4.65	4.35	0.00	0.18	0.31	0.05	0.50	11/10/2023	13:38
5	O5241-22	FSND-RB-4-20231		1	100	5.44	4.68	4.38	0.00	0.25	0.47	0.03	0.30	11/10/2023	13:45

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

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