



Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB124869
Constant: 50,000

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

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP101874
SULFURIC ACID, 0.02N, 4L	W2988

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	LB124869BL	LB124869BL		1	100	5.03	4.61	4.31	0.00	0.08	0.16	0.00	0.00	04/06/2023	11:50
2	LB124869BS	LB124869BS	50	1	100	9.71	4.53	4.23	0.00	5.42	5.54	5.30	53.00	04/06/2023	11:58
3	O2137-03	SY-3DD		1	100	6.10	4.54	4.24	0.00	0.91	1.06	0.76	7.60	04/06/2023	12:06
4	O2137-03DUP	SY-3DDDUP		1	100	6.11	4.56	4.26	0.00	0.89	1.05	0.73	7.30	04/06/2023	12:12
5	O2137-14	FIELD-BLANK		1	100	5.01	4.55	4.25	0.00	0.15	0.25	0.05	0.50	04/06/2023	12:20

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

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