



Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB127836
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	WP104755
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	LB127836BL	LB127836BL		1	100	5.03	4.61	4.31	0.00	0.08	0.16	0.00	0.00	10/16/2023	12:47
2	LB127836BS	LB127836BS	50	1	100	9.78	4.54	4.24	0.00	5.46	5.56	5.36	53.60	10/16/2023	12:55
3	O4734-04	MW-14S		1	100	5.26	4.68	4.38	0.00	0.32	0.56	0.08	0.80	10/16/2023	13:02
4	O4734-07	MW-12		1	100	5.14	4.63	4.33	0.00	0.74	0.96	0.52	5.20	10/16/2023	13:10
5	O4734-07DUP	MW-12DUP		1	100	5.15	4.61	4.31	0.00	0.76	0.98	0.54	5.40	10/16/2023	13:18

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

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