

Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB124996
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	WP102006
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	LB124996BL	LB124996BL		1	100	5.03	4.62	4.32	0.00	0.08	0.16	0.00	0.00	04/17/2023	12:20
2	LB124996BS	LB124996BS	50	1	100	9.72	4.48	4.18	0.00	5.56	5.66	5.46	54.60	04/17/2023	12:28
3	O2247-01	PK-10S		1	100	6.35	4.52	4.23	0.00	0.96	1.18	0.74	7.40	04/17/2023	12:35
4	O2247-01DUP	PK-10SDUP		1	100	3.36	4.44	4.14	0.00	0.90	1.10	0.70	7.00	04/17/2023	12:42

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

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