

Analytical Summary Report

Analysis Method: SM2320 B
 Parameter: Alkalinity
 Run Number: LB121602
 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	WP98582
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	LB121602BL	LB121602BL		1	100	5.02	4.63	4.33	0	0.08	0.16	0.00	0.00	08/23/2022	10:20
2	LB121602BS	LB121602BS	50	1	100	9.77	4.52	4.22	0	5.42	5.54	5.30	53.00	08/23/2022	10:28
3	N4223-01	TT-RW9-20220815		1	100	4.96	4.49	4.19	0.00	0.52	0.64	0.40	4.00	08/23/2022	10:35
4	N4223-01DUP	TT-RW9-20220815		1	100	5.95	4.56	4.26	0.00	0.56	0.7	0.42	4.20	08/23/2022	10:42

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

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

WORKLIST(Hardcopy Internal Chain)

LB121602

WorkList Name : Alkalinity-081722

WorkList ID : 162387

Department : Wet-Chemistry

Date : 08-17-2022 10:05:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/29/2022	Water	N4223-01	Alkalinity	Cool 4 deg C	TETR06	K11	TT-RW9-20220815	08/15/2022	SM2320 B

Date/Time 8/23/22 09:50
 Raw Sample Received by: af sm
 Raw Sample Relinquished by: af sm

Date/Time 8/23/22 11:00
 Raw Sample Received by: af sm
 Raw Sample Relinquished by: 12/21