



Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB120520
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	WP97147
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	LB120520BL	LB120520BL		1	100	5.03	4.61	4.31	0.00	0.08	0.16	0.00	0.00	06/06/2022	11:50
2	LB120520BS	LB120520BS	50	1	100	9.76	4.52	4.22	0.0	5.42	5.52	5.32	53.20	06/06/2022	11:58
3	N3166-17	RB07-20220601		1	100	4.43	4.43	4.43	0.00	0.00	0.00	0.00	0.00	06/06/2022	12:05
4	N3166-17DUP	RB07-20220601DU		1	100	4.41	4.41	4.41	0.00	0.00	0.00	0.00	0.00	06/06/2022	12:12

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

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

WORKLIST(Hardcopy Internal Chain)

LB120517

WorkList Name : Alkalinity-060222

WorkList ID : 160177

Department : Wet-Chemistry

Date : 06-02-2022 10:43:31

Due Date	Matrix	Sample	Test	Raw Sample			Collect Date	Method
				Preservative	Customer	Storage Location		
06/14/2022	Water	N3155-01	Alkalinity	Cool 4 deg C	INFR01	N11 MONTHLY-OUTFALL-002	06/01/2022	SM2320 B
06/14/2022	Water	N3166-11	Alkalinity	Cool 4 deg C	TETR06	N11 11BR-20220601	06/01/2022	SM2320 B
06/14/2022	Water	N3166-15	Alkalinity	Cool 4 deg C	TETR06	N11 38BR-20220601	06/01/2022	SM2320 B
06/14/2022	Water	N3166-17	Alkalinity	Cool 4 deg C	TETR06	N11 RB07-20220601 LB 120520	06/01/2022	SM2320 B

Date/Time 6/6/22 10:20
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 6/6/22 12:20
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]