

Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB120143
Constant: 50,000

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

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP96823
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	LB120143BL	LB120143BL		1	100	5.03	4.58	4.28	0	0.06	0.12	0.00	0.00	05/17/2022	10:20
2	LB120143BS	LB120143BS	50	1	100	9.74	4.56	4.26	0.00	5.43	5.53	5.33	53.30	05/17/2022	10:30
3	N2793-01	RW9-MW01S-20220		1	100	2.9	2.9	2.9	0	0	0	0.00	0.00	05/17/2022	10:38
4	N2793-02	RW9-MW01D1-2022		1	100	5.48	4.55	4.25	0	1.16	1.34	0.98	9.80	05/17/2022	10:45
5	N2793-03	RW9-MW-01D2-202		1	100	5.6	4.48	4.18	0	1.1	1.28	0.92	9.20	05/17/2022	10:52
6	N2793-04	RW9-MW01D3-2022		1	100	4.72	4.59	4.29	0	0.12	0.2	0.04	0.40	05/17/2022	11:00
7	N2793-04DUP	RW9-MW01D3-2022		1	100	4.73	4.62	4.32	0	0.11	0.2	0.02	0.20	05/17/2022	11:08

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

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

WORKLIST(Hardcopy Internal Chain)

LB120143

WorkList Name : ALK-051222 WorkList ID : 159522 Department : Wet-Chemistry Date : 05-12-2022 09:17:06

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/24/2022	Water	N2793-01	Alkalinity	Cool 4 deg C	TETR06	K33	RW9-MW01S-20220510	05/10/2022	SM2320 B
05/24/2022	Water	N2793-02	Alkalinity	Cool 4 deg C	TETR06	K33	RW9-MW01D1-20220510	05/10/2022	SM2320 B
05/24/2022	Water	N2793-03	Alkalinity	Cool 4 deg C	TETR06	K33	RW9-MW-01D2-20220510	05/10/2022	SM2320 B
05/24/2022	Water	N2793-04	Alkalinity	Cool 4 deg C	TETR06	K33	RW9-MW01D3-20220510	05/10/2022	SM2320 B

Date/Time 5/17/22 10:00
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: KS(WC)

Date/Time 5/17/22 11:20
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: KS(WC)