



Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB109585
Constant: 50,000

Reviewed By: Alexander
Supervisor Review By: apatel
Normality: 0.02
pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP84777
PH 4 BUFFER SOLUTION	W2629
buffer solution pH 7 yellow	W2626
PH 10.01 BUFFER,COLOR CD 475ML	W2632
buffer solution pH 7 yellow	W2569

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	LB109585BL	LB109585BL		1	100	5.01	4.41	4.11	0.00	0.12	0.20	0.04	0.40	06/12/2020	15:18
2	LB109585BS	LB109585BS	50	1	100	10.15	4.38	4.08	0.64	5.62	5.68	4.92	49.20	06/12/2020	15:28
3	L2920-01	D-06042020-01		1	100	4.64	4.64	4.34	0.00	0.00	0.72	-0.72	-7.20	06/12/2020	15:32
4	L2920-01DUP	D-06042020-01DU		1	100	4.65	4.65	4.35	0.00	0.00	0.74	-0.74	-7.40	06/12/2020	15:38
5	L2920-04	EPA-MW-29-OB-06		1	100	4.77	4.40	4.10	0.00	0.62	1.06	0.18	1.80	06/12/2020	15:45

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

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

LB109585 WORKLIST(Hardcopy Internal Chain)

WorkList Name : Alkalinity-60920 WorkList ID : 139453 Department : Wet-Chemistry Date : 06-09-2020 08:55:32

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/18/2020	Water	L2920-01	Alkalinity	Cool 4 deg C	JACO05	O51	D-06042020-01	06/04/2020	SM2320 B
06/18/2020	Water	L2920-03	Alkalinity	Cool 4 deg C	JACO05	O51	EPA-MW-29-BR-06042020	06/04/2020	SM2320 B
06/18/2020	Water	L2920-04	Alkalinity	Cool 4 deg C	JACO05	O51	EPA-MW-29-OB-06042020	06/04/2020	SM2320 B
06/18/2020	Water	L2920-05	Alkalinity	Cool 4 deg C	JACO05	O51	EPA-MW-31-BR-06042020	06/04/2020	SM2320 B
06/18/2020	Water	L2920-06	Alkalinity	Cool 4 deg C	JACO05	O51	EPA-MW-32-OB-06042020	06/04/2020	SM2320 B
06/18/2020	Water	L2920-07	Alkalinity	Cool 4 deg C	JACO05	O51	EPA-MW-37-BR-06042020	06/04/2020	SM2320 B
06/18/2020	Water	L2920-08	Alkalinity	Cool 4 deg C	JACO05	O51	EPA-MW-38-BR-06042020	06/04/2020	SM2320 B
06/18/2020	Water	L2920-09	Alkalinity	Cool 4 deg C	JACO05	O51	EPA-MW-38-OB-06042020	06/04/2020	SM2320 B
06/18/2020	Water	L2920-10	Alkalinity	Cool 4 deg C	JACO05	O51	EPA-MW-39-OB-06042020	06/04/2020	SM2320 B
06/18/2020	Water	L2920-11	Alkalinity	Cool 4 deg C	JACO05	O51	EPA-MW-41-OB-06042020	06/04/2020	SM2320 B
06/18/2020	Water	L2920-12	Alkalinity	Cool 4 deg C	JACO05	O51	EPA-MW-43-OB-06042020	06/04/2020	SM2320 B
06/18/2020	Water	L2949-01	Alkalinity	Cool 4 deg C	LOGK01		MW-1	06/04/2020	SM2320 B
06/18/2020	Water	L2949-02	Alkalinity	Cool 4 deg C	LOGK01		MW-3	06/04/2020	SM2320 B
06/18/2020	Water	L2949-03	Alkalinity	Cool 4 deg C	LOCK01		MW-4	06/04/2020	SM2320 B
06/18/2020	Water	L2949-04	Alkalinity	Cool 4 deg C	LOCK01		MW-2	06/04/2020	SM2320 B

Date/Time 6/12/2020 15:00
 Received by: AM
 Relinquished by: AM

Date/Time 6/12/2020 16:05
 Received by: AM
 Relinquished by: AM