

Analytical Summary Report

Analysis Method: SM2320 B
 Parameter: Alkalinity
 Run Number: LB128141
 Constant: 50,000

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

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP105098
0.1N Sulfuric acid for Alkalinity over 1000pp	WP103261

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	LB128141BL	LB128141BL		1	100	0.00	4.62	4.32	0.00	0.07	0.14	0.00	0.00	11/02/2023	14:30
2	LB128141BS	LB128141BS	50	1	100	0.00	4.58	4.28	0.00	5.42	5.54	5.30	53.00	11/02/2023	14:38
3	O5063-11	LEA-11S		1	100	4.75	4.36	4.06	0.00	0.52	0.84	0.20	2.00	11/02/2023	14:44
4	O5063-11DUP	LEA-11SDUP		1	100	4.74	4.38	4.08	0.00	0.50	0.82	0.18	1.80	11/02/2023	14:50
5	O5065-11	LEA-12S		1	100	4.97	4.68	4.38	0.00	0.34	0.66	0.02	0.20	11/02/2023	14:58
6	O5065-13	LEA-13I		1	100	5.80	4.65	4.35	0.00	1.73	1.95	1.51	15.10	11/02/2023	15:05
7	O5065-15	LEA-13S		1	100	5.17	4.69	4.39	0.00	0.94	1.38	0.50	5.00	11/02/2023	15:13
8	O5097-10	EB01		1	100	4.94	4.68	4.38	0.00	0.12	0.22	0.02	0.20	11/02/2023	15:20

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

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