CHEMTECH

Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB127591
Constant: 50,000

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

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP104498
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	LB127591BL	LB127591BL		1	100	5.02	4.62	4.32	0.00	0.08	0.16	0.00	0.00	10/03/2023	11:35
2	LB127591BS	LB127591BS	50	1	100	9.68	4.56	4.26	0.00	5.46	5.56	5.36	53.60	10/03/2023	11:40
3	O4570-01	FIELD-BLANK		1	100	5.51	4.68	4.38	0.00	0.10	0.19	0.01	0.10	10/03/2023	11:48
4	O4570-02	MW-95		1	100	5.35	4.63	4.33	0.00	1.2	1.35	1.05	10.50	10/03/2023	11:56
5	O4570-05	MW-241		1	100	5.83	4.69	4.39	0.00	1.5	1.6	1.40	14.00	10/03/2023	12:05
6	O4572-03	MW-48I		1	100	5.90	4.70	4.40	0.00	1.62	1.72	1.52	15.20	10/03/2023	12:13
7	O4591-05	MW-46I		1	100	5.68	4.69	4.39	0.00	1.15	1.25	1.05	10.50	10/03/2023	12:20
8	O4591-06	MW-57S		1	100	4.92	4.67	4.37	0.00	0.28	0.40	0.16	1.60	10/03/2023	12:28
9	O4591-07	MW-57I		1	100	5.37	4.68	4.38	0.00	0.46	0.64	0.28	2.80	10/03/2023	12:35
10	O4663-01	MW-20S		1	100	5.26	4.63	4.33	0.00	1.68	1.92	1.44	14.40	10/03/2023	12:43
11	O4663-01DUP	MW-20SDUP		1	100	5.27	4.66	4.36	0.00	1.64	1.88	1.40	14.00	10/03/2023	12:48

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

Alkalinity = (D * Normality * Constant) / Sample Volume(ml)