

LB85991

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-892

Analysis Method: SM2320B Carbonate
Parameter: Carbonate
Run Number: LB85991
Instrument: Titroline Alpha Titrator

msm2320B - Alkalinity.12

Analytical Summary Report

Analysis Method: SM2320B Carbonate
Parameter: Carbonate
Run Number: LB85991
Instrument: Titroline Alpha Titrator

Seq	Lab ID	Client ID	Sample Type	Inst Conc. ppm/ppb	Dil	Analytical Date
1	LB85991BLW	LB85991BLW	MB	0.000	1	2/23/17
2	LB85991BSW	LB85991BSW	LCS	49.520	1	2/23/17
3	I1933-01	MW9-052-1	SAM	0.070	1	2/23/17
4	I1933-02	MW1-052-1	SAM	0.010	1	2/23/17
5	I1933-02D	MW1-052-1D	DUP	0.010	1	2/23/17
6	I1933-03	MW6-052-1	SAM	0.050	1	2/23/17
7	I1933-04	MWP4-052-1	SAM	0.010	1	2/23/17
8	I1933-05	MWP2-052-1	SAM	0.000	1	2/23/17
9	I1933-06	MW8M-052-1	SAM	0.190	1	2/23/17
10	I1933-07	MW8M-052-2	SAM	0.230	1	2/23/17
11	I1933-08	MW8D-052-1	SAM	0.280	1	2/23/17
12	I1933-09	MW4D-052-3	SAM	0.000	1	2/23/17
13	I1933-10	MW4S-052-1	SAM	0.050	1	2/23/17
14	I1933-11	MW4D-052-1	SAM	0.200	1	2/23/17
15	I1933-26	MW4M-052-1	SAM	0.270	1	2/23/17
16	I1933-27	MW2S-052-3	SAM	0.000	1	2/23/17
17	I1933-28	MW11M-052-1	SAM	0.100	1	2/23/17
18	I1933-29	MW11D-052-1	SAM	0.200	1	2/23/17
19	I1933-30	MW2S-052-1	SAM	0.000	1	2/23/17
20	I1933-31	MW10M-052-1	SAM	0.230	1	2/23/17
21	I1933-32	MW10M-052-2	SAM	0.260	1	2/23/17
22	I1933-33	MW10D-052-1	SAM	0.230	1	2/23/17
23	LB85991BLW2	LB85991BLW2	MB	0.000	1	2/23/17
24	LB85991BSW2	LB85991BSW2	LCS	51.680	1	2/23/17
25	I1934-01	I01I-052-1	SAM	0.190	1	2/23/17
26	I1934-01D	I01I-052-1D	DUP	0.310	1	2/23/17
27	I1934-02	I03I-052-1	SAM	0.250	1	2/23/17
28	I1934-03	I04I-052-1	SAM	0.220	1	2/23/17
29	I1934-04	I05I-052-1	SAM	0.210	1	2/23/17
30	I1934-05	I06I-052-1	SAM	0.220	1	2/23/17

Chemtech Consulting Group

Analytical Review Report

Date Printed : 2/24/17

Analyst : AK

Data File : LB85991.MDB

Approved By :

Approved Date :

Worksheet # :

Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep Method	Analysis Method			Line 1
Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units
Carbonate											
LB85991BLW	LB85991BLW				W	2/23/17					
Carbonate		PASS	0.000		0.00			+/-2.0000			mg/L
LB85991BSW	LB85991BSW				W	2/23/17					
Carbonate		PASS	49.520		49.50	99.0	80	120			mg/L
I1933-01	MW9-052-1			1	W	2/23/17					
Carbonate		PASS	0.070		0.070						mg/L
I1933-02	MW1-052-1			1	W	2/23/17					
Carbonate		PASS	0.010		0.010						mg/L
I1933-02D	MW1-052-1D			1	W	2/23/17					
Carbonate		PASS	0.010		0.01				0	20	mg/L
I1933-03	MW6-052-1			1	W	2/23/17					
Carbonate		PASS	0.050		0.050						mg/L
I1933-04	MWP4-052-1			1	W	2/23/17					
Carbonate		PASS	0.010		0.010						mg/L
I1933-05	MWP2-052-1			1	W	2/23/17					
Carbonate		PASS	0.000		0.000						mg/L
I1933-06	MW8M-052-1			1	W	2/23/17					
Carbonate		PASS	0.190		0.190						mg/L
I1933-07	MW8M-052-2			1	W	2/23/17					
Carbonate		PASS	0.230		0.230						mg/L
I1933-08	MW8D-052-1			1	W	2/23/17					
Carbonate		PASS	0.280		0.280						mg/L
I1933-09	MW4D-052-3			1	W	2/23/17					
Carbonate		PASS	0.000		0.000						mg/L
I1933-10	MW4S-052-1			1	W	2/23/17					
Carbonate		PASS	0.050		0.050						mg/L
I1933-11	MW4D-052-1			1	W	2/23/17					
Carbonate		PASS	0.200		0.200						mg/L
I1933-26	MW4M-052-1			1	W	2/23/17					
Carbonate		PASS	0.270		0.270						mg/L
I1933-27	MW2S-052-3			1	W	2/23/17					
Carbonate		PASS	0.000		0.000						mg/L
I1933-28	MW11M-052-1			1	W	2/23/17					
Carbonate		PASS	0.100		0.100						mg/L
I1933-29	MW11D-052-1			1	W	2/23/17					
Carbonate		PASS	0.200		0.200						mg/L
I1933-30	MW2S-052-1			1	W	2/23/17					
Carbonate		PASS	0.000		0.000						mg/L
I1933-31	MW10M-052-1			1	W	2/23/17					
Carbonate		PASS	0.230		0.230						mg/L

Chemtech Consulting Group

Analytical Review Report

Date Printed : 2/24/17

Analyst : AK

Data File : LB85991.MDB

Approved By :

Approved Date :

Worksheet # :

Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis				Line 1
Parameter		PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Carbonate											
I1933-32	MW10M-052-2		1	W	2/23/17						
Carbonate	PASS	0.260		0.260						mg/L	
I1933-33	MW10D-052-1		1	W	2/23/17						
Carbonate	PASS	0.230		0.230						mg/L	
LB85991BLW2	LB85991BLW2			W	2/23/17						
Carbonate	PASS	0.000		0.00			+/-2.0000			mg/L	
LB85991BSW2	LB85991BSW2			W	2/23/17						
Carbonate	PASS	51.680		51.70	103.4	80	120			mg/L	
I1934-01	I01I-052-1		1	W	2/23/17						
Carbonate	PASS	0.190		0.190						mg/L	
I1934-01D	I01I-052-1D		1	W	2/23/17						
Carbonate	PASS	0.310		0.31				0	20	mg/L	
I1934-02	I03I-052-1		1	W	2/23/17						
Carbonate	PASS	0.250		0.250						mg/L	
I1934-03	I04I-052-1		1	W	2/23/17						
Carbonate	PASS	0.220		0.220						mg/L	
I1934-04	I05I-052-1		1	W	2/23/17						
Carbonate	PASS	0.210		0.210						mg/L	
I1934-05	I06I-052-1		1	W	2/23/17						
Carbonate	PASS	0.220		0.220						mg/L	