

Analytical Report

May 11, 2023

Test Method: EPA 200.7, EPA 300.0, etc.

PO NO.: ALXT2330

Reviewed By: Zach Ren Laboratory Manager 5/11/2023 Alfa Chemistry Testing

Laboratory 2200 Smithtown Avenue, Ronkonkoma, NY 11779-7329, USA

Sample ID	Analyte	Method	Result	Units	Report Limit
Deep Ocean Magnesium: 2023001K	Sodium (total)	EPA 200.7	21700	ppm	0.10
	Calcium (total)	EPA 200.7	73.2	ppm	0.10
	Magnesium (total)	EPA 200.7	52100	ppm	0.10
	pH	SM 4500-H+ B-(2011)	6.75	S.U.	0.10
	Nitrate-nitrogen	EPA 300.0	28.7	ppm	10.0
	Sulfate	EPA 300.0	85300	ppm	7500
	Conductivity	SM 2510 B-(1997)	125	mS/cm	0.002
	Total dissolved solids	Calculation	81200	ppm	10
	Sodium adsorption ratio	Calculation	20.2	None	0.1
	Phosphorus (total)	EPA 200.7	1.81	ppm	0.05
	Potassium (total)	EPA 200.7	12700	ppm	0.50
	Bicarbonate Alkalinity	Calculation	3420	mg CaCO ₃ /L	80
	Chloride	EPA 300.0	188000	ppm	5000
	Boron (total)	EPA 200.7	146	ppm	0.05
	Iron (total)	EPA 200.7	< 0.05	ppm	0.05
	Manganese (total)	EPA 200.7	< 0.005	ppm	0.005
	Carbonate Alkalinity	Calculation	< 2.0	mg CaCO ₃ /L	2.0
	Beryllium (total)	EPA 200.7	< 0.0005	mg/L	0.0005
	Cadmium (total)	EPA 200.7	0.003	mg/L	0.002
	Chromium (total)	EPA 200.7	< 0.01	mg/L	0.01
Copper (total)	EPA 200.7	< 0.01	mg/L	0.01	
Nickel (total)	EPA 200.7	0.03	mg/L	0.01	
Silver (total)	EPA 200.7	< 0.01	mg/L	0.01	
Zinc (total)	EPA 200.7	< 0.01	mg/L	0.01	