Unical-S (Alden)

Chemical Analysis:

Element	Typical
Calcium Carbonate ($CaCO_3$)	98.48%
Calcium (Ca)	39.39% (38.00% min)
Magnesium (Mg)	0.111%
Silica (SiO_2)	0.39%
Iron (Fe)	0.094%
Sodium (Na)	0.029%
Potassium (K)	0.008%
Sulfur (S)	0.848%
Manganese (Mn)	0.012%
Phosphorous (P)	0.002%
Chloride (Cl)	0.010%
Aluminum (Al)	141 ppm
Lead (Pb)	< 5 ppm
Arsenic (As)	< 5 ppm
Nickel (Ni)	< 5 ppm
Mercury (Hg)	< 0.050 ppm

Screen Analysis:

U.S. Screen	% Passing
35	99.6
40	97.4
45	91.4
50	81.9
70	56.5
80	45.3
100	34.7
200	12.6

Average Particle Size

Microns	193.30

Bulk Density

Loose	84 lb/ft^3
Packed	92 lb/ft^3