



UNICAL-S (Alden)

CHEMICAL ANALYSIS

<u>ELEMENT</u>	<u>TYPICAL</u>
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)	<0.050ppm

SCREEN ANALYSIS

<u>U.S. Screen</u>	<u>% Passing</u>	<u>Average Particle Size</u>	
35	99.6		
40	97.4	Microns	193.30
45	91.4		
50	81.9		
70	56.5		
80	45.3		
100	34.7		
200	12.6		

Bulk Density

Loose	84 lb/ft ³
Packed	92 lb/ft ³