



**ILC RESOURCES  
ALDEN, IOWA  
UNICAL™ UF**

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**CHEMICAL ANALYSIS**

<u>Element</u>	<u>Typical*/ Guaranteed</u>
<b>Calcium (Ca)</b>	<b>38.50% / 38.0%</b>
<b>Calcium Carbonate (CaCO<sub>3</sub>)</b>	<b>96.25% / 95.0%</b>
<b>Calcium (Ca) Min.</b>	<b>38.00%</b>
<b>Calcium (Ca) Max.</b>	<b>39.40%</b>
Magnesium (Mg)	.1-.2%
Silica (SiO <sub>2</sub> )	.1-.2%
Iron (Fe)	.1-.2%
Aluminum (Al)	.05%
Sodium (Na)	.093%
Potassium (K)	.022%
Sulfur (S)	.02%
Manganese (Mn)	.018%
Phosphorus (P)	.012%

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**RECOMMENDED APPLICATION**

UNIFORM POWDER

**UNICAL™ UF** - An Ultra-Fine calcium product manufactured specifically for liquid feed applications.

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**WET SIEVE ANALYSIS\***

<u>U.S. Screen</u>	<u>% Passing</u>	<u>Average Particle Size</u>	
200	99.9	U.S. Screen	500
325	98.0	Microns	<30
400	97.4		

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<u>Laser Diffraction Analysis</u>		<u>Bulk Density*</u>	
Average Particle Size	8.7 microns	Unpacked	55 lb/ft <sup>3</sup>
99%	<40 microns	Packed	77 lb/ft <sup>3</sup>

\* These are typical analyses and are not intended to be guarantees.