

# Standard Hydrated Lime SP

## Calcium Hydroxide

Discovering what's possible with calcium

TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

Standard Hydrated Lime SP is used in water and waste water treatment, acid neutralization, construction and environmental applications, and for chemical processing applications requiring high purity, high quality lime. Mississippi Lime has become the industry standard of quality for these applications as well as many other industrial uses.

TYPICAL CHEMICAL PROPERTIES	
Ca(OH) <sub>2</sub> - Total	98.7%
Ca(OH) <sub>2</sub> - Available	97.1%
CO <sub>2</sub>	0.4%
Free Moisture	0.7%
Crystalline Silica	<0.1%
SiO <sub>2</sub>	0.6%
Al <sub>2</sub> O <sub>3</sub>	0.1%
Fe <sub>2</sub> O <sub>3</sub>	0.06%
MgO	0.4%
P <sub>2</sub> O <sub>5</sub>	100 ppm
MnO	25 ppm

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	2.34
Dry Brightness, G.E.	93
Median Particle Size	2 micron
pH	12.4
-100 Mesh (150 μm)	99.9%
-200 Mesh (75 μm)	99%
-325 Mesh (45 μm)	96%
Apparent Dry Bulk Density - Loose	22 lbs./ft <sup>3</sup>
Apparent Dry Bulk Density - Packed	35 lbs./ft <sup>3</sup>

- ✓ Meets the AWWA standard B202-19
- ✓ Certified to ASTM standards:
  - C977-18
  - C1097-19
  - C207-18 (Type N only)
  - C911-19



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