



Austin White Lime Company

CHEMICAL, BUILDING AND STABILIZATION LIME

TYPICAL CHEMICAL ANALYSIS

HYDRATED LIME

TOTAL CALCIUM	95.00	%
MAGNESIUM HYDROXIDE (MgOH ₂)	0.23	%
FERRIC OXIDE (Fe ₂ O ₃)	0.09	%
ALUMINUM OXIDE (Al ₂ O ₃)	0.13	%
SILICA (INSOLUBLE)	0.39	%
SULFUR (SO ₄)	<0.002	%
SODIUM OXIDE (Na ₂ O)	0.04	%
POTASSIUM OXIDE (K ₂ O)	0.025	%
TITANIUM DIOXIDE (TiO ₂)	<0.50	%
FREE WATER (H ₂ O)	<0.75	%
LOSS ON IGNITION	24.57	%
INSOLUBLE RESIDUE	<2.00	%
CALCIUM CARBONATE (CaCO ₃)	<5.00	%

AVAILABLE CALCIUM HYDROXIDE RANGE IS BETWEEN
90.00% AND 95.00% WITH AN AVERAGE OF 93.00%

Revised July 2002



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CHEMICAL, BUILDING AND STABILIZATION LIME

TYPICAL GRADATION ANALYSIS

HYDRATED LIME

<u>U.S. STANDARD SIEVE NUMBER</u>	<u>PERCENT RETAINED</u>	<u>PERCENT PASSING</u>
# 30	0.0	100.0
# 100	1.6	98.4
# 200	5.2	94.8
# 325	19.6	80.4

Revised September 2000