

Product Specification  
**Hydrated Lime**  
(Grade 1)

Chemical Analysis	
Element	Value
Ca(OH) <sub>2</sub>	95% min – 96.5% max
CaO (Available)	72% min – 73.1% max
CaCO <sub>3</sub>	1.5% min - 3% max
CaO (Free)	1% max
MgO	0.4% max
SiO <sub>2</sub>	0.2% max
AL <sub>2</sub> O <sub>3</sub>	0.2% max
Fe <sub>2</sub> O <sub>3</sub>	0.1% max
P <sub>2</sub> O <sub>5</sub>	0.01% max
MnO	0.02% max
Na <sub>2</sub> O	0.1% max
K <sub>2</sub> O	0.04% max
SO <sub>3</sub>	Trace
L.O.I	19% min – 25% max
Moisture	0.1% max

Physical Analysis	
Size	Value
Mesh No.100 (150 micron)	0% max
Mesh No.170 (90 micron)	0.5% max
Mesh No.200 (74 micron)	1% max
Mesh No.325 (45 micron)	2% max
Mesh No.400 (37 micron)	5% max