Hydrated Lime (Calcium Hydroxide)

Ca(OH) | Water-treatment grade, 90% and above

PRODUCT OVERVIEW

Hydrated lime for pH correction, softening, remineralisation of desalinated water and neutralising acid effluent. Causes serious eye damage and irritates skin and airways: wear sealed goggles and control dust. Keep it dry and sealed against air.

TYPICAL SPECIFICATION

Characteristic	Units	Typical value	Test method
Calcium hydroxide (Ca(OH))	-	**90% min; 95–97% on high-calcium grades**	Titration (EN 459-2 / ASTM C25)
Available calcium oxide (CaO)	-	**68% min, typically 70–73%**	Sugar method (ASTM C25)
Magnesium oxide (MgO)	-	**1–2% max**	EDTA titration / ICP
Carbon dioxide (CO)	-	**2–3% max**	Gravimetric / gasometric
Acid-insoluble matter	-	**1% max**	Gravimetric
Iron oxide (FeO)	-	**0.1–0.3% max**	ICP / colorimetric
Fineness	-	**90% min passing 75 µm (200 mesh)**	Wet sieve
Appearance	-	**Fine white powder**	Visual

SUPPLY AND PACKING

20–25 kg lined paper or PP bags and jumbo bags of about 500–1,000 kg, palletised. Not dangerous goods. FOB, CFR and CIF on request; pack sizes and loads are confirmed with each offer.

DOCUMENTATION

Every shipment includes a Certificate of Analysis. Certificate of Origin and MSDS are available on request. Destination-specific import or phytosanitary documentation is confirmed where applicable.

NOTICE

Values are typical and published for reference; they are not a certificate of analysis. Agree the specification of the offered batch, the packing and any destination requirements before ordering.