Calcium Chloride

CaCl | 74–77% dihydrate flakes; 94–97% anhydrous prills and powder

PRODUCT OVERVIEW

Calcium chloride for raising calcium hardness in water and pools, oilfield brines, concrete acceleration, dust control and drying. Causes serious eye irritation and gives off heat when dissolved: add it slowly to water. Keep it sealed, as it draws moisture.

TYPICAL SPECIFICATION

Characteristic	Units	Typical value	Test method
CaCl, flakes (dihydrate)	-	**74% min, typically 77%**	EDTA titration
CaCl, prills or powder (anhydrous)	-	**94% min; 95–97% on many offers**	EDTA titration
Alkali chlorides (as NaCl)	-	**1–5% max, by grade**	Flame photometry / ICP
Magnesium chloride (MgCl)	-	**0.5% max**	EDTA titration
Calcium hydroxide (Ca(OH))	-	**0.25% max**	Titration
Water-insoluble matter	-	**0.25% max**	Gravimetric
Iron (Fe)	-	**0.006% max**	ICP / colorimetric
pH (5% solution)	-	**7.5–11**	pH meter
Appearance	-	**White flakes, prills, granules or powder**	Visual

SUPPLY AND PACKING

25 kg PE-lined PP bags and jumbo bags of about 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.