

Technical Data Sheet

1. Product Identification

Product Name: Industrial Calcium chloride (Anhydrous Type I)

Chemical Formula: CaCl_2

CAS No.: 10043-52-4

Typical Form: White granular solid

Application: De-icer, drying agent, dust control, industrial processing

2. Typical Composition and properties

Item	Specification	Unit
Calcium Chloride (CaCl_2)	$\geq 94.0-99.0$	wt%
Alkalinity (as $\text{Ca}(\text{OH})_2$)	≤ 0.20	wt%
Alkali Metal Chlorides (as NaCl)	≤ 5.0	wt%
Water Insoluble Matter	≤ 0.10	wt%
Iron (Fe)	≤ 0.002	wt%
Sulfate (as SO_4^{2-})	≤ 0.05	wt%
pH (10 g/L, 25°C)	7.5–11.0	—
Hygroscopicity	Strong	—

3. Physical Properties

Appearance: White to off-white granules

Solubility: Highly soluble in water, soluble in alcohol

Hubei Sanning Chemical Industry Co., Ltd

