

**Identification**CaCl<sub>2</sub>·2H<sub>2</sub>O

M = 147,02 g/mol

CAS [10035-04-8]

EC number: 233-140-8

Taric code: 2827 20 00

**Applications**

analytical chemistry, for pharmaceuticals synthesizing, in food industry, laboratory reagent, in pharma industry.

**Specifications**

assay (complexometric).....	99,0 - 103,0 %	sulfates (SO <sub>4</sub> ).....	max. 300 ppm
Identification calcium.....	passes test	aluminium (Al).....	max. 1 ppm
Identification chloride.....	passes test	iron, aluminium and phosphates.....	passes test
appearance of solution.....	passes test	barium (Ba).....	passes test
pH (5 %, H <sub>2</sub> O).....	4,5 - 9,2	iron (Fe).....	max. 10 ppm
acidity or alkalinity.....	passes test	magnesium and alkali metals.....	max. 0,5 %

**Physical data**

- Appearance: crystals, white
- Spec. Density: 1,85 g/cm<sup>3</sup>
- Melting point: ~ 176 °C
- pH(100 g/l H<sub>2</sub>O, 20 °C) ~ 4,5 - 6,5
- Hygroscopic

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P264: Wash thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice / attention.

**Transport/storage**

- 10°C - 30°C