

IdentificationCaCl₂·2H₂O

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 - 103 %	aluminium (Al).....	max. 0,0001 %
identification.....	passes test	barium (Ba).....	passes test
appearance of solution.....	passes test	heavy metals (as Pb).....	max. 0,001 %
pH (5 %, H ₂ O).....	4,5 - 9,2	iron (Fe).....	max. 0,001 %
acidity.....	passes test	magnesium and alkali metals.....	max. 0,5 %
alkalinity.....	passes test	residual solvents (Ph Eur/ICH).....	excluded by production process
sulfates (SO ₄)	max. 0,03 %		

Packaging**Packaging Code**500 g  CA019305001 kg  CA019310005 kg  CA0193005P25 kg  CA0193025P**Physical data**

- Appearance: crystals, white
- Spec. Density: 1,85 g/cm³
- Melting point: ~ 176 °C
- pH(100 g/l H₂O, 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.

Toxicological data

- LD 50 (oral, rat): 1000 mg/kg (anhydrous substance)
- WGK: 1
- Poison class CH (Swiss): F