

**PRODUCT CODE: 201232****Calcium Chloride 2-hydrate powder (E-509, F.C.C.) food grade**

 $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$

M.= 147,02

CAS [10035-04-8]

EINECS 233-140-8

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PHYSICAL DATA: crystalline powder, White, Soluble in water 1.000 g/l at 1 °C D 20/4 1,85 • M.P.: 175 °C • pH4,5 - 6,5 •

BIBLIOGRAPHY: Merck Index **13**, 1.660 14, 1.659 Safety **2**, **666 B** • Römp **8**, **566** • Fieser **1104 4368 10251** • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • BOE **243**(8-11-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: C.E: 017-013-00-2 • RTECS: EV 9810000 • LD50 oral rat 1.000 mg/kg •



H: H319 •

P: P264 • P280 • P305+P351+P338 • P337+P313 •

SPECIFICATIONS:

Assay (as $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$)	99,0-107,0%
Identity :	
Identity (Calcium)	passes test
Identity (Chloride)	passes test
Appearance	passes test
Insoluble substances in acid (salt anhydrous) , not more than	0,02 %

Fluoride, not more than	0,004%
Magnesium and alkali salts, not more than	4,0%
Arsenic (as As), not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	2 ppm

Specifications Regulation (UE) nº 231/2012, F.C.C. 11, R.D. 1466/2009

For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C.

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