



PRODUCT CODE: 201232

Calcium Chloride 2-hydrate powder (E-509, F.C.C.) food grade

CaCl₂·2H₂O

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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** · Rmp **8** , **566** · Fieser **1104 4368 10251** · ACS **XI** · BP.**2020** · USP **42** · Ph. Eur. **9.0** (2017) **10.0** (2020) · F.C.C **11 12** · 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 CaCl ₂ ·2H ₂ 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) n 231/2012, F.C.C. 12, R.D. 1466/2009

For use in foodstuffs according to Regulation (EC) n 1333/2008 and F.C.C.

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