

**PRODUCT CODE: 131232****Calcium Chloride 2-hydrate powder for analysis, ACS**

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

M.= 147,02

CAS [10035-04-8]

EINECS 233-140-8

TARIC 2827 20 00 00

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 (Compl.)	99,0-105,0%
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pH of 5% solution	4,5-8,5
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Maximum limit of impurities

Acidity(as HCl)	0,005%
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Insoluble matter in H2O	0,01 %
Ammonium (NH4)	0,005%
Phosphate (PO4)	0,001 %
Sulfate (SO4)	0,01%
Oxidizing substances	0,003%
As	0,0001 %
Heavy Metals (ICP-OES)	0,0005 %

Metals by ICP [in mg/Kg (ppm)]

Al	10
Ba	50
Bi	5
Cd	5
Co	5
Cr	5
Cu	5
Fe	10
K	100
Li	5
Mg	50
Mn	5
Mo	5
Na	200
Ni	5
Pb	5
Sr	100
Tl	5
Zn	10