



PRODUCT CODE: 121214

Calcium Chloride 6-hydrate for analysis

$\text{CaCl}_2 \cdot 6\text{H}_2\text{O}$

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M.= 219,09

CAS [7774-34-7]

EINECS 233-140-8

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PHYSICAL DATA: crystals, crystalline powder, White, Soluble in water 5.360 g/l at 20 °C D 20/4 1,68 • M.P.: 30 °C
• pH5 - 7 •

BIBLIOGRAPHY: Merck Index **12**, 1.699 13, 1.660 Safety **2**, **666 B** • Römpp **8**, **566** • Fieser **1104 4368 10251** •
BP.**2018** • Ph. Eur. **9.0** (2017) 7858.0 (2014) • F.C.C **IV56** • BOE **243**(8-10-2009) • Regulation (EU) n°
231/2012 DAB 10 , (1991) •

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 •

OBSERVATIONS: Not recommended in areas with a very hot climate • Storage below 20°C •

SPECIFICATIONS:

Minimum assay (Compl.)	98,0%
pH of 5% solution	4,5-8,5

Maximum limit of impurities

Insoluble matter in H ₂ O and precip. by NH ₄ OH	0,01 %
Ammonium (NH ₄)	0,005%
Phosphate (PO ₄)	0,001 %
Sulfate (SO ₄)	0,01%
Oxidizing substances	0,003%
Heavy metals (as Pb)	0,0005%
As	0,0001 %
Ba	0,005 %
Cu	0,0005 %
Fe	0,0025 %
Mg	0,005 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Sr	0,01 %
Zn	0,001 %

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