



PRODUCT CODE: 141211

Calcium Acetate x-hydrate pure

$C_4H_6CaO_4 \cdot xH_2O$

$Ca(CH_3COO)_2 \cdot xH_2O$

M.= 158,17(anh)

CAS [62-54-4]

EINECS 200-540-9

TARIC 2915 29 00 90

PHYSICAL DATA: Small crystals, White, Soluble in water 300 g/l at 20 °C Thermal decom. above 160 °C • Hygroscopic • D 20/4 1,5 • pH(sol. 0.2 M)7,6 •

BIBLIOGRAPHY: Merck Index **12**, 1.683 13, 1.645 Römp **8**, **561** • Fieser **1360 1546** • **BP.2021** • **USP 42** • Ph. Eur. 5.1 , 2893 5.1 , 2893 • **F.C.C 11 12** • **BOE 243(8-10-2009)** • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: AF 5250000 • LD50 oral rat 4.280 mg/kg •

SPECIFICATIONS:

Assay (Compl.) (calc. a.a.s)	99,0-100,5%
pH of 5% solution	6,3-9,6
Insoluble matter in H2O	0,1 %
Easily oxidable substances	passes test
Chloride (Cl)	0,05%
Phosphate (PO4)	0,005 %
Sulfate (SO4)	0,06%
Fluoride (F)	0,005%
Water (H2O)	7,0 %
Heavy metals (as Pb)	0,002%
Al	0,001 %
As	0,0002 %
Ba	0,005 %

Cu	0,001	%
Fe	0,005	%
Ni	0,001	%
Pb	0,001	%
Sr	0,05	%