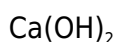


**PRODUCT CODE: 142400****Calcium Hydroxide, powder (USP, BP, Ph. Eur., JP) pure, pharma grade**



M.= 74,09

CAS [1305-62-0]

EINECS 215-137-3

TARIC 2825 90 19 00

SYNONYMS: Slaked lime**PHYSICAL DATA:** powder, White, Soluble in water 1,7 g/l at 20 °C Thermal decom. above 550 °C • D 20/4 2,24 • pH12,1 - 12,5 •**BIBLIOGRAPHY:** Merck Index **12**, 1.716 13, 1.675 Sax **CAT250** • Safety **2**, **667 B** • Römp **8**, **568** • Kühn-Birett **C** 54 • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • Royal Decree **I1090** • BOE **243**(8-10-2009) • Directive 2009/10/EC • Regulation (EU) n° 231/2012JP XV •**HAZARDOUS:** RTECS: EW 2800000 • LD50 oral rat 7.340 mg/kg • VLA-ED (Ca(OH)2) 5 mg/m3

H: H315 •

P: P264 • P280 • P302+P352 • P321 • P332+P313 • P501 • P362 •

SPECIFICATIONS:

Assay (Compl.)	95,0-100,5%
Identity :	
Identity according to Pharmacopoeias:	passes test

Maximum limit of impurities

Insoluble matter in HCl	0,5 %
-------------------------	-------

Chloride (Cl)	0,033%
Sulfate (SO ₄)	0,4%
Carbonate (as CaCO ₃)	5,0%
Carbonate (USP)	passes test

Residual solvents (Ph.Eur/USP)	passes test
Magnesium and alkali salts	4,0%
Heavy metals (as Pb)	0,002%

Elemental impurities (ICH Q3D):

Class 1

Cd	0,5 ppm
Pb	0,5 ppm
As	1,5 ppm
Hg	1,5 ppm

Class 2A

Co	5 ppm
V	10 ppm
Ni	20 ppm

Class 2B

Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Ag	15 ppm
Pt	10 ppm

Class 3

Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm