



Specification

Concerning Product:	
Article number	1305620V02
Trade name / designation / denomination	Calciumhydroxid E526/FCC in der Reinheit EP/USP
CAS number	1305-62-0
Other names / synonyms	•Calcium hydroxide; •calcium dihydroxide;
EC number	215-137-3
Customs tariff number / CN code / TARIC	28259019
Molecular weight [g / mol]	74,09
Formula	Ca(OH) ₂ H ₂ CaO ₂
Causes serious eye damage. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Get medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.	

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance		white to off-white powder	
Physical parameter			
Substances insoluble	E526	Acid-insoluble ash: ≤ 1,0	%
Substances insoluble	FCC	Acid-insoluble substances: ≤ 0,5	%
Moisture		0,5	%
Bulk density		400	g/ml
Identity			
Assay		Ca(OH) ₂ : ≥ 95,0	%
Impurities			
Sulphates (SO ₄)		≤ 0,4	%
Impurity		Carbon dioxide: 0,6	%
Impurity		Carbonates (as CaCO ₃): ≤ 5	%
Elemental Impurities			
Aluminium (Al)		370	ppm
Arsenic (As)		≤ 3	mg/kg
Barium (Ba)		≤ 300	mg/kg
Chlorides (Cl)		≤ 330	mg/kg
Fluorine (F)		≤ 50	mg/kg
Iron (Fe)		350	ppm
Magnesium (Mg)		and alkali salts: ≤ 2,7	%
Manganese (Mn)		140	ppm
Lead (Pb)		≤ 2	mg/kg
Particle size distribution			
Particles		D90: 30µm / D50: 3,5µm	
Particles		Sieve residue 63 µm: 1,5	%

Supplemental information:

Shelf life: 12 month from date of manufacture

Storage conditions: Store in original packaging at room temperature in a dry place.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 02. Apr. 2025

LF-Basis: 03/23 ()

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