



Specification

Concerning Product:	
Article number	1305620BST
Trade name / designation / denomination	CALCIUMHYDROXID
CAS number	1305-62-0
Other names / synonyms	•CALCIUM HYDROXIDE, ACS; •Calcium Hydroxide, Powder, FCC; •Calcium Hydroxide, Powder, Reagent, ACS; •Calcium Hydroxide, Powder, USP, EP, BP, JP; •Calcium Hydroxide, Technical; •Calcium hydroxide; •Calcium hydroxide, ACS, 95. min; •calcium dihydroxide;
EC number	215-137-3 215-137-3
Customs tariff number / CN code / TARIC	28259019
Molecular weight [g / mol]	74,09
Formula	Ca(OH) ₂ H ₂ CaO ₂
<p>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.</p>	

Parameter	Test Method	Specification	Unit
Organoleptic test			
Colour	relative value MgO, blue filter R457	white	
Physical parameter			
Loss on drying		≤ 0,4	%
Bulk density		0,4 – 0,5	kg/dm ³
Identity			
Assay		≥ 98	%
Assay		Al ₂ O ₃ ≥ 0,07	%
Assay		CaO ≥ 74,6	%
Assay		Co ₂ ≤ 0,6	%
Assay		Fe ₂ O ₃ ≥ 0,04	%
Assay		hydration water ≤ 23,7	%
Assay		MgO: ≥ 0,6	%
Assay		Mn ₃ O ₄ ≥ 0,02	%
Assay		S ≥ 0,01	%
Assay		SiO ₂ ≥ 0,1	%

Impurities			
Residue on ignition		≤ 75,3	%
Particle size distribution			
Particles		0,09 mm sieve ≤ 3	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 31. Jan. 2022

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