



## Spezifikation

Produktbezug:	
Produktnummer	1305620BL
Handelsname / Bezeichnung	CALCIUMHYDROXID, FCC (E526)
CAS Nummer	1305-62-0
Andere Bezeichnungen / Synonyme	•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; •Calciumhydroxid; •calcium dihydroxide;
EG Nummer	215-137-3
Zolltarifnummer / CN-Code	28259019
Molekulargewicht [g/mol]	74,09
Formel	Ca(OH) <sub>2</sub> H <sub>2</sub> CaO <sub>2</sub>
Verursacht schwere Augenschäden. Schutzhandschuhe/Schutzkleidung/Augenschutz/Gesichtsschutz tragen. BEI KONTAKT MIT DEN AUGEN: Ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen. Eventuell Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. Einige Minuten lang behutsam mit Wasser ausspülen.	

Parameter	Methode	Spezifikation	Einheit
<b>Physikalische Parameter</b>			
Unlösliche Anteile	JECFA	in Säure unlösliche Asche ≤ 1	%
Unlösliche Anteile	FCC	in Säure unlösliche Substanzen ≤ 0,5	%
Feuchtigkeit	Thermogravimetric analysis	~ 0,5%	
Schüttdichte	DIN EN ISO 459-2	~0,4 kg/m <sup>3</sup>	
<b>Identifikation</b>			
Gehalt	FCC	95 – 100,5	%
Gehalt	JECFA	≥ 92	%
<b>Verunreinigungen</b>			
Verunreinigung	FCC	Carbonate (nur leichtes aufschäumen)	
Verunreinigung	JECFA/FCC	Fluoride ≤ 50	mg/kg
Verunreinigung	Gasphasenanalyse	Kohlendioxid ~0,6%	
Verunreinigung	FCC	Mg- und Alkalisalze ≤ 4,8	%
Verunreinigung	JECFA	Mg- und Alkalisalze ≤ 2,7	%
<b>Elementare Verunreinigungen</b>			
Aluminium (Al)	ICP-OES	~370 ppm	
Arsen (As)	FCC	≤ 3	mg/kg
Eisen (Fe)	ICP-OES	~350 ppm	
Mangan (Mn)	ICP-OES	~140 ppm	
Blei (Pb)	JECFA / FCC	≤ 2	ppm

<b>Partikelgrößenverteilung</b>			
Partikel	Helos	D50 ~3,5 µm	
Partikel	Helos	D90 ~30 µm	

**Zusätzliche Angaben:**

**Entspricht der Monographie:** JECFA, FCC

**Verpackung:** 25 kg Papiersäcke auf verpackten Paletten mit einem Gewicht von 900 kg. In Big Bag von 1000 kg.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 07. Jun. 2023

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