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Spezifikation

Produktbezug:	
Produktnummer	10101414V02
Handelsname / Bezeichnung	Calciumsulfat-dihydrat E516, gemahlen
CAS Nummer	10101-41-4
Andere Bezeichnungen / Synonyme	•Calcium Sulfate, Dihydrate, BiotechGrade; •Calcium Sulfate, Dihydrate, FCC; •Calcium Sulfate, Dihydrate, NF; •Calcium Sulfate, Dihydrate, Reagent, ACS; •Calcium Sulfate, Dihydrate, Technical; •Calcium sulfate dihydrate; •Calcium sulfate dihydrate, ACS, 98.0-102.; •Calciumsulfatdihydrat; •Sulfuric acid, calcium salt, hydrate (1:1:2); •calcium sulfate dihydrate;
EG Nummer	600-148-1 231-900-3
Zolltarifnummer / CN-Code	28332980
Molekulargewicht [g/mol]	136,11
Formel	CaSO ₄ CaO ₄ S

Parameter	Specification	Unit
Sensorische Prüfung		
Aussehen	Pulver, gemahlen	
Physikalische Parameter		
Trocknungsverlust	(250°C) ≤ 21	%
pH-Wert	6 – 8	
Schüttdichte	ca. 800	kg/m ³
Löslichkeit	in Wasser ca. 2,0	g/l
Identifikation		
Gehalt	≥ 99	%
Identifizierung	Freie Feuchte, Masseanteil: ≤ 0,2	%

Elementare Verunreinigungen		
Arsen (As)	≤ 3	mg/kg
Fluor (F)	≤ 30	mg/kg
Quecksilber (Hg)	≤ 1	mg/kg
Blei (Pb)	≤ 2	mg/kg
Selenium (Se)	≤ 30	mg/kg
Partikelgrößenverteilung		
Partikel	Siebrückstand (90µm): ≤ 0,11	%

Anmerkung:

Reinheit: Analyse nach Analysis acc. (F) JECFA-III (Se As Pb) EN ISO 11885 (Hg) EN 1483

Zusätzliche Angaben:

Mindesthaltbarkeit: 24 Monate ab Herstellungsdatum, trocken gelagert

Hinweis: VO/REG (EU) 1333/2008 Spezifikationen nach VO (EU) 231/2012

Verwendung: Lebensmittelzusatzstoff

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 04. Feb. 2026

LF-Basis: VGO | OM | TM | DH | FOOD | DE-EN | 01.23 | 3 | 0 ()

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