



Spezifikation

Produktbezug:	
Produktnummer	10101414MIR
Handelsname / Bezeichnung	Calciumsulfat-dihydrat, E516
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	feines weißes bis leicht gelbliches Pulver	
Physikalische Parameter		
Trocknungsverlust	(250 °C) ≤ 21	%
Feuchtigkeit	≤ 0,2	%
pH-Wert	6 – 8	
Schüttdichte	~ 800 g/l*	
Löslichkeit	In Wasser: ca. 2.0 g/l*	
Identifikation		
Gehalt	≥ 99	%
Elementare Verunreinigungen		
Arsen (As)	≤ 3	ppm
Fluor (F)	≤ 30	ppm
Quecksilber (Hg)	≤ 1	ppm
Blei (Pb)	≤ 2	ppm
Selenium (Se)	≤ 30	ppm
Partikelgrößenverteilung		
Partikel	Siebrückstand (>0,09 mm) ≤ 0,11	%

Anmerkung:

* nur als typischer Wert verfügbar

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 01. Jul. 2025

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