



Spezifikation

Produktbezug:	
Produktnummer	10035048OTF
Handelsname / Bezeichnung	Calciumchlorid 2-Hydrat, E 509 Dihydrat
CAS Nummer	10035-04-8
Andere Bezeichnungen / Synonyme	•CALCIUM CHLORIDE; •CALCIUM CHLORIDE DIHYDRATE, ACS; •CALCIUM CHLORIDE, DIHYDRATE, U.S.P.; •Calcium Chloride, Dihydrate, BiotechGrade; •Calcium Chloride, Dihydrate, FCC; •Calcium Chloride, Dihydrate, Reagent, ACS; •Calcium Chloride, Dihydrate, Technical; •Calcium Chloride, Dihydrate, USP, EP, BP, JP; •Calcium chloride; •Calcium chloride (CaCl ₂), dihydrate;
EG Nummer	233-140-8
EG-Index-Nummer	017-013-00-2
Zolltarifnummer / CN-Code	28272000
Molekulargewicht [g/mol]	142.983
Formel	CaCl ₂ H ₄ O ₂
Verursacht schwere Augenreizung. BEI KONTAKT MIT DEN AUGEN: Eventuell Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. Einige Minuten lang behutsam mit Wasser ausspülen.	

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	Weißer Schuppen	
Geruch	geruchlos	
Physikalische Parameter		
Trocknungsverlust	Restmasse als H ₂ O k.a	%
pH-Wert	(in 5% CaCl ₂ - Lösung bei 20°) 9 – 11	
Schüttdichte	800 – 900	kg/m ³
Löslichkeit	Nicht wasser- löslich ≤ 0,20	
Verunreinigungen		
Schwermetalle (als Pb)	≤ 20	mg/kg
Elementare Verunreinigungen		
Arsen (As)	≤ 1	mg/kg
Calcium (Ca)	Alkalität als Ca(OH) ₂ ≤ 0,15	%
Calcium (Ca)	CaCl ₂ ≥ 77	%
Calcium (Ca)	Dihydrat CaCl ₂ *2H ₂ O 99 – 107	%
Fluor (F)	≤ 40	mg/kg
Eisen (Fe)	≤ 5	mg/kg
Quecksilber (Hg)	≤ 1	mg/kg
Magnesium (Mg)	and alkali salts ≤ 4,0	%

Zusätzliche Angaben:

Verpackung: 25 kg Säcke

Chemische Werke Hommel GmbH & Co.KG
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Waltrop, 15. Feb. 2022

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