



Specification

Concerning Product:	
Article number	10043524V03
Trade name / designation / denomination	Calciumchlorid, wasserfrei, Pulver E 509
CAS number	10043-52-4
Other names / synonyms	•CALCIUM CHLORIDE; •CALCIUM CHLORIDE, ACS; •Calcium Chloride; •Calcium Chloride, Anhydrous; •Calcium Chloride, Anhydrous, Desiccant; •Calcium Chloride, Anhydrous, Flakes / Granules, Technical; •Calcium Chloride, Anhydrous, Granular, FCC; •Calcium Chloride, Anhydrous, Pellets; •Calcium Chloride, Anhydrous, Pellets, FCC; •Calcium Chloride, Anhydrous, Reagent, ACS;
EC number	233-140-8
EC index number	017-013-00-2
Customs tariff number / CN code / TARIC	28272000
Molecular weight [g / mol]	110,98
Formula	CaCl ₂
Causes serious eye irritation. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.	

Parameter	Specification	Unit
Organoleptic test		
Appearance	white powder, strongly hygroscopic	
Physical parameter		
Substances insoluble	in H ₂ O: ≤ 0,25	%
pH value	(10% solution): 7,5 – 11	
Solubility	freely soluble in water	
Identity		
Assay	(CaCl ₂): ≥ 94,0	%
Identification	(calcium, chloride): complies	
Impurities		
Sulphates (SO ₄)	(CaSO ₄): ≤ 0,05	%
Elemental Impurities		
Aluminium (Al)	≤ 5	mg/kg
Arsenic (As)	≤ 3	mg/kg
Fluorine (F)	≤ 40	mg/kg
Iron (Fe)	≤ 6	mg/kg
Mercury (Hg)	≤ 1	mg/kg
Magnesium (Mg)	and alkali salts ≤ 0,5	%
Lead (Pb)	≤ 2	mg/kg

Regulatory information:

Food Grade Status: food grade E509

Supplemental information:

Shelf life: 12 months from date of manufacture

Storage conditions: Store in the original packaging tightly closed in a cool, dry, well-ventilated place. Protect from moisture.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 08. May. 2025

LF-Basis: 1 (2025-05-07)

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