



Specification

Concerning Product:	
Article number	10043524VLY
Trade name / designation / denomination	Calciumchlorid grob, E 509 (Food grade) Calciumchloride, coarse
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	Test Method	Specification	Unit
Physical parameter			
Solubility	Pp3_1.19	in Water insoluble ≤ 0,2	%
Elemental Impurities			
Arsenic (As)	Pp3_1.40	≤ 3,0	mg.kg.1
Calcium (Ca)	Pp3_1.19	CaCl ₂ ≥ 95,0	%
Fluorine (F)		≤ 40,0	mg.kg.1
Iron (Fe)	Pp3_1.40	≤ 0,004	%
Mercury (Hg)		≤ 1,0	mg.kg.1
Magnesium (Mg)	Pp3_1.40	and alkali salts ≤ 5,0	%
Lead (Pb)	Pp3_1.40	≤ 2,0	mg.kg.1
Particle size distribution			
Particles		1-2 mm ≤ 20	%
Particles		< 1mm ≤ 79	%
Particles		> 2mm ≤ 1	%

Supplemental information:

Shelf life: 2 years in case of compliance with transport and storage conditions

Storage conditions: transport this product in closed vehicles only, on one-way pallets wrapped around PE film, store in covered dry places, in original bags

Packing: 25 kg PE bags with anti-skid protection, 40 bags on one-way pallet (1000kg net) wrapped around by PE film. laminated big bags (1000 kg)

Chemische Werke Hommel GmbH & Co.KG

This document was generated electronically and is valid without signature.

Waltrop, 07. Oct. 2020

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts of the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.