



Specification

Concerning Product:	
Article number	471341MFC
Trade name / designation / denomination	Calciumcarbonat, schwer, Lebensmittel E 170, FCC
CAS number	471-34-1
Other names / synonyms	•E 170; •calcium carbonate;
EC number	207-439-9
Customs tariff number / CN code / TARIC	28365000
Molecular weight [g / mol]	100.0869
Formula	CCaO ₃

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance		white powder	
Colour		Whiteness (I value) 96,4 – 98,4	
Odour		odourless	
Physical parameter			
Loss on drying		≤ 0,25	%
Loss on drying		≤ 2,0	%
Solubility		almost insoluble	
Identity			
Assay		98,0 – 105,0	%
Identification		complies	
Impurities			
Insoluble impurities		≤ 0,2	
Impurity		Sb, Cu, Cr, Zn, Ba ≤ 100	ppm
Elemental Impurities			
Arsenic (As)		≤ 3	ppm
Cadmium (Cd)		≤ 1	ppm
Fluorine (F)		≤ 50	ppm
Magnesium (Mg)		and alkali salts ≤ 1,0	%
Lead (Pb)		≤ 3	ppm
Particle size distribution			
Particles	D50	4,0 – 6,0	µm
Particles	D97	≤ 21	µm

Chemische Werke Hommel GmbH & Co.KG

This document was generated electronically and is valid without signature.

Waltrop, 14. Feb. 2022

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.