



Specification

Concerning Product:	
Article number	7774347CPEF
Trade name / designation / denomination	Calciumchlorid Hexahydrat, kristallin
CAS number	7774-34-7
Other names / synonyms	•Calcium chloride (CaCl ₂), hexahydrate;
EC number	616-496-2 233-140-8
Molecular weight [g / mol]	219,1
Formula	CaCl ₂ * 6 H ₂ O

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	clear and colourless	
Colour	white	
Physical parameter		
Acidity/Alkalinity	(0.01 mol/L NaOH) ≤ 0,2	
Form	crystalline powder	
Identity		
Assay	97,0 – 103,0	%
Identification	A, B, C: complies	
Impurities		
Heavy Metals (as Pb)	≤ 15	ppm
Sulphates (SO ₄)	≤ 200	ppm
Impurity	Alkali- und Magnesiumsalts: ≤ 5	%
Residual Solvents		
Residual solvents	complies	
Elemental Impurities		
Aluminium (Al)	≤ 1	ppm
Arsenic (As)	≤ 3	ppm
Barium (Ba)	complies	
Fluorine (F)	≤ 40	ppm
Iron (Fe)	≤ 7	ppm
Mercury (Hg)	≤ 1	ppm
Magnesium (Mg)	& Alkalimetals: ≤ 0,3	%
Lead (Pb)	≤ 2	ppm

Supplemental information:

Usage: According to REACH Directive 1907/2006 this product is allowed to be used only in foods, human and/or veterinary medicines.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Sep. 2021

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