



## Specification

<b>Concerning Product:</b>	
Article number	7774347MPEF
Trade name / designation / denomination	Calciumchlorid Hexahydrat, EP, E509
CAS number	7774-34-7
Other names / synonyms	•Calcium chloride (CaCl <sub>2</sub> ), hexahydrate;
EC number	616-496-2 233-140-8
Molecular weight [g / mol]	219,1
Formula	CaCl <sub>2</sub> * 6 H <sub>2</sub> O

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance of solution	clear and colourless	
Colour	white	
<b>Physical parameter</b>		
Acidity/Alkalinity	complies	
Form	crystalline powder	
<b>Identity</b>		
Assay	97,0 – 103,0	%
Identification	A, B, C: complies	
<b>Impurities</b>		
Sulphates (SO <sub>4</sub> )	≤ 200	ppm
Impurity	Alkali- und Magnesiumsalts: ≤ 5	%
<b>Residual Solvents</b>		
Residual solvents	complies	
<b>Elemental Impurities</b>		
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:

**Packing:** Bags of 25 kg net on pallets.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Sep. 2021

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