



Specification

1.02382.1000 Calcium chloride dihydrate for analysis EMSURE® ACS, Reag. Ph Eur

	Specification	
Assay (complexometric)	99.0 - 102.0	%
Identity	passes test	
Appearance of solution	passes test	
Insoluble matter	≤ 0.01	%
Acidity or alkalinity	passes test	
pH-value (5 %; water, 25 °C)	4.5 - 8.5	
Sulfate (SO ₄)	≤ 0.005	%
Heavy metals (ACS)	≤ 5	ppm
Al (Aluminium)	≤ 0.0001	%
Ba (Barium)	≤ 0.003	%
Ba (Barium)	passes test	
Cu (Copper)	≤ 0.0005	%
Fe (Iron)	≤ 0.0003	%
K (Potassium)	≤ 0.01	%
Mg (Magnesium)	≤ 0.005	%
Na (Sodium)	≤ 0.01	%
NH ₄ (Ammonium)	≤ 0.005	%
Sr (Strontium)	≤ 0.05	%
Magnesium and alkali metals	≤ 0.5	%
Oxidizing substances (as NO ₃)	≤ 0.003	%

Corresponds to ACS, Reag. Ph Eur

Dr. Dimitrij Ryvlin

Responsible laboratory manager quality control

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