Specification

1.06267.0000 Sodium acetate trihydrate for analysis EMSURE® ACS,ISO,Reag. Ph Eur

	Spec. Values	
Assay (perchloric acid titration)	99.0 - 101.0	%
Assay (perchloric acid titration, calculated on dried substance)	99.0 - 101.0	%
Identity	passes test	
Appearance of solution	passes test	
Insoluble matter	≤ 0.005	%
pH-value (5 %; water, 25 °C)	7.5 - 9.0	
UV absorption (254 nm; 1 mol/l; 1 cm; water)	≤ 0.02	
UV absorption (280 nm; 1 mol/l; 1 cm; water)	≤ 0.01	
UV absorption (350 nm; 1 mol/l; 1 cm; water)	≤ 0.01	
Chloride (Cl)	≤ 0.0005	%
Phosphate (PO_4)	≤ 0.0002	%
Sulfate (SO_4)	≤ 0.002	%
Total nitrogen (N)	≤ 0.001	%
Al (Aluminium)	≤ 0.0005	%
As (Arsenic)	≤ 0.0002	%
Ca (Calcium)	≤ 0.001	%
Cu (Copper)	≤ 0.0003	%
Fe (Iron)	≤ 0.0005	%
K (Potassium)	≤ 0.005	%
Mg (Magnesium)	≤ 0.0005	%
Pb (Lead)	≤ 0.0005	%
Calcium and Magnesium (as Ca)	≤ 0.005	%
Heavy metals (as Pb)	≤ 0.0005	%
Substances reducing permanganate	passes test	
Reducing substances	≤ 0.005	%
Loss on drying (130 °C)	39.0 - 40.5	%

Corresponds to ACS,ISO,Reag. Ph Eur

Kristin Starke
Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.