



SPECIFICATION SHEET

Product Name	:	Sodium acetate trihydrate, Extra pure Ph Eur, BP, JP, USP, FCC, E 262
Product Number	:	969.013
Brand	:	ISOLAB
CAS Number	:	6131-90-4
Formula	:	CH ₃ COONa * 3 H ₂ O
Formula Weight	:	136.08 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (acid-base titration)	99.5 - 101.0 %	%
Identity	passes test	
Appearance of solution	passes test	
In water insoluble matter	≤ 0.005 %	%
Alkalinity	≤ 0.05 %	%
Acidity or alkalinity	passes test	
pH-value (1%, water)	8.0 - 9.5	
pH-value (5%, water)	7.5 - 9.0	
Chloride (Cl)	≤ 0.005 %	%
Sulphate (SO ₄)	≤ 0.003 %	%
Al (Aluminium)	≤ 0.00002 %	%
As (Arsenic)	≤ 0.0002 %	%
Fe (Iron)	≤ 0.0002 %	%
Hg (Mercury)	≤ 0.00001 %	%
Pb (Lead)	≤ 0.0002 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
Ca + Mg (calcium and magnesium)	passes test	
Acetic Acid	≤ 0.05 %	%
Reducing substances (as formic acid)	≤ 0.1 %	%
Substances reducing potassium permanganate (as HCOOH)	passes test	
Loss on drying (130°C)	39.0 - 40.5 %	%

Quality Management
Isolab Laborgerate GmbH

