



### SPECIFICATION SHEET

Product Name	:	Sodium acetate trihydrate, for analysis ACS,ISO,Reag. Ph Eur
Product Number	:	969.016
Brand	:	ISOLAB
CAS Number	:	6131-90-4
Formula	:	CH <sub>3</sub> COONa * 3 H <sub>2</sub> O
Formula Weight	:	136.08 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (titration with HClO <sub>4</sub> )	99.5 - 101 %	%
Identity	passes test	
Appearance of solution (10 %, H <sub>2</sub> O)	passes test	
In water insoluble matter	≤ 0.005 %	%
pH (5 %, H <sub>2</sub> O)	7.5 – 9.2	
Chlorides (Cl)	≤ 0.0005 %	%
Phosphates (as PO <sub>4</sub> )	≤ 0.0002 %	%
sulfates (SO <sub>4</sub> )	≤ 0.002 %	%
Total nitrogen (N)	≤ 0.001 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
Al (Aluminium)	≤ 0.0005 %	%
As (Arsenic)	≤ 0.0002 %	%
Cd (Cadmium)	≤ 0.0005 %	%
Ca (Calcium)	≤ 0.001 %	%
Cu (Copper)	≤ 0.0003 %	%
Fe (Iron)	≤ 0.0005 %	%
K (Potassium)	≤ 0.005 %	%
Mg (Magnesium)	≤ 0.0005 %	%
Pb (Lead)	≤ 0.0005 %	%
Zn (Zinc)	≤ 0.0005 %	%
Substances reducing KMnO <sub>4</sub>	passes test	
Loss on drying (130 °C)	39.0 - 40.5 %	%

Quality Management  
Isolab Laborgerate GmbH

