



### 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	:	$C_2H_3NaO_2 \cdot 3 H_2O$
Formula Weight	:	136.08 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (titration with $HClO_4$ )	99.5 - 101 %	%
Identity	passes test	
Appearance of solution (10 %, $H_2O$ )	passes test	
In water insoluble matter	$\leq 0.005$ %	%
pH (5 %, $H_2O$ )	7.5 – 9.2	
Chlorides (Cl)	$\leq 0.0005$ %	%
Phosphates (as $PO_4$ )	$\leq 0.0002$ %	%
sulfates ( $SO_4$ )	$\leq 0.002$ %	%
Total nitrogen (N)	$\leq 0.001$ %	%
Heavy metals (as Pb)	$\leq 0.0005$ %	%
Al (Aluminium)	$\leq 0.0005$ %	%
As (Arsenic)	$\leq 0.0002$ %	%
Cd (Cadmium)	$\leq 0.0005$ %	%
Ca (Calcium)	$\leq 0.001$ %	%
Cu (Copper)	$\leq 0.0003$ %	%
Fe (Iron)	$\leq 0.0005$ %	%
K (Potassium)	$\leq 0.005$ %	%
Mg (Magnesium)	$\leq 0.0005$ %	%
Pb (Lead)	$\leq 0.0005$ %	%
Zn (Zinc)	$\leq 0.0005$ %	%
Substances reducing $KMnO_4$	passes test	
Loss on drying (130 °C)	39.0 - 40.5 %	%

Quality Management  
Isolab Laborgerate GmbH

