



### SPECIFICATION SHEET

Product Name	:	Sodium hydrogen carbonate, Ph Eur
Product Number	:	969.103
Brand	:	ISOLAB
CAS Number	:	144-55-8
Formula	:	CHNaO <sub>3</sub>
Formula Weight	:	84.01 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (acidimetric; calculated on dried substance)	99.0 - 100.3 %	%
Identity	passes test	
Appearance of solution	passes test	
Insoluble matter	≤ 0.015 %	%
pH-value (5%; water)	≤ 8.6	
Carbonate (CO <sub>3</sub> )	passes test	
Chloride (Cl)	≤ 0.015 %	%
Sulphate (SO <sub>4</sub> )	≤ 0.015 %	%
Sulfur compounds (as SO <sub>4</sub> )	≤ 0.015 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
As (Arsenic)	≤ 0.0002 %	%
Ca (Calcium)	≤ 0.01 %	%
Cu (Copper)	≤ 0.0005 %	%
Fe (Iron)	≤ 0.002 %	%
Ammonium (NH <sub>4</sub> )	≤ 0.002 %	%
Pb (Lead)	≤ 0.0005 %	%
Zn (Zinc)	≤ 0.0025 %	%
Loss on drying (Silica gel)	≤ 0.25 %	%

Quality Management  
Isolab Laborgerate GmbH

