



### SPECIFICATION SHEET

Product Name	:	Sodium carbonate, Anhydrous, for analysis ACS, ISO, Reag. Ph Eur
Product Number	:	969.026
Brand	:	ISOLAB
CAS Number	:	497-19-8
Formula	:	CNa <sub>2</sub> O <sub>3</sub>
Formula Weight	:	105.99 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (acidimetric, on dried sample)	≥ 99.8 %	%
Insoluble in water	≤ 0.01 %	%
Chlorides (Cl)	≤ 0.001 %	%
Phosphates (as PO <sub>4</sub> )	≤ 0.001 %	%
Silica (SiO <sub>2</sub> )	≤ 0.005 %	%
Sulphur compounds (as SO <sub>4</sub> )	≤ 0.003 %	%
Total nitrogen (N)	≤ 0.001 %	%
Al (Aluminium)	≤ 0.001 %	%
As (Arsenic)	≤ 0.0001 %	%
Ca (Calcium)	≤ 0.005 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
Fe (Iron)	≤ 0.0005 %	%
Pb (Lead)	≤ 0.0005 %	%
Mg (Magnesium)	≤ 0.0005 %	%
K (Potassium)	≤ 0.005 %	%
Ammonium hydroxide precipitate	≤ 0.01 %	%
Substances precipitable by Ca and Mg	≤ 0.01 %	%
Loss on drying (300°C)	≤ 1.0 %	%

Quality Management  
Isolab Laborgerate GmbH

