



### 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** :  $\text{Na}_2\text{CO}_3$   
**Formula Weight** : 105.99 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (acidimetric, on dried sample)	$\geq 99.8 \%$	%
Insoluble in water	$\leq 0.01 \%$	%
Chlorides (Cl)	$\leq 0.001 \%$	%
Phosphates (as $\text{PO}_4$ )	$\leq 0.001 \%$	%
Silica ( $\text{SiO}_2$ )	$\leq 0.005 \%$	%
Sulphur compounds (as $\text{SO}_4$ )	$\leq 0.003 \%$	%
Total nitrogen (N)	$\leq 0.001 \%$	%
Al (Aluminium)	$\leq 0.001 \%$	%
As (Arsenic)	$\leq 0.0001 \%$	%
Ca (Calcium)	$\leq 0.005 \%$	%
Heavy metals (as Pb)	$\leq 0.0005 \%$	%
Fe (Iron)	$\leq 0.0005 \%$	%
Pb (Lead)	$\leq 0.0005 \%$	%
Mg (Magnesium)	$\leq 0.0005 \%$	%
K (Potassium)	$\leq 0.005 \%$	%
Ammonium hydroxide precipitate	$\leq 0.01 \%$	%
Substances precipitable by Ca and Mg	$\leq 0.01 \%$	%
Loss on drying (300°C)	$\leq 1.0 \%$	%

Quality Management  
Isolab Laborgerate GmbH

