



### SPECIFICATION SHEET

Product Name	:	Sodium sulfate Anhydrous, for analysis ACS,ISO,Reag. Ph Eur.
Product Number	:	969.146
Brand	:	ISOLAB
CAS Number	:	7757-82-6
Formula	:	Na <sub>2</sub> O <sub>4</sub> S
Formula Weight	:	142.04 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (alkalimetric, calculated on dried substance)	≥ 99.5 %	%
Identity	passes test	
Appearance of solution	passes test	
Acidity or alkalinity	passes test	
Insoluble matter	≤ 0.01 %	%
Acidity (H <sub>2</sub> SO <sub>4</sub> )	≤ 0.01 %	%
pH-value (5%; water)	5.2 - 8.0	
Chloride (Cl)	≤ 0.001 %	%
Phosphate (PO <sub>4</sub> )	≤ 0.001 %	%
Nitrogen compounds (as N)	≤ 0.0005 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
As (Arsenic)	≤ 0.0001 %	%
Ca (Calcium)	≤ 0.005 %	%
Cu (Copper)	≤ 0.0005 %	%
Fe (Iron)	≤ 0.0005 %	%
K ( Potassium)	≤ 0.002 %	%
Mg (Magnesium)	≤ 0.001 %	%
Loss on drying (130°C)	≤ 0.5 %	%
Loss on ignition (800°C)	≤ 0.5 %	%
Reducing substances (O)	≤ 0.002 %	%
Oxidising substance	no reaction	

Quality Management  
Isolab Laborgerate GmbH

