



### SPECIFICATION SHEET

Product Name	:	Sulfuric acid 95-97%, For determination of Hg ACS Reagent, Reag. ISO, Reag. Ph. Eur.
Product Number	:	970.026
Brand	:	ISOLAB
CAS Number	:	7664-93-9
Formula	:	H <sub>2</sub> O <sub>4</sub> S
Formula Weight	:	98.08 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay	95 - 97 %	%
Residue on ignition	≤ 0.0005 %	%
Color	≤ 10 APHA	APHA
Ammonium (NH <sub>4</sub> )	≤ 0.0002 %	%
Silver (Ag)	≤ 0.000002 %	%
Aluminium (Al)	≤ 0.000005 %	%
Arsenic (As)	≤ 0.000001 %	%
Barium (Ba)	≤ 0.000005 %	%
Beryllium (Be)	≤ 0.000001 %	%
Bismuth (Bi)	≤ 0.000005 %	%
Calcium (Ca)	≤ 0.00002 %	%
Cadmium (Cd)	≤ 0.000002 %	%
Cobalt (Co)	≤ 0.000001 %	%
Chromium (Cr)	≤ 0.000005 %	%
Copper (Cu)	≤ 0.000001 %	%
Iron (Fe)	≤ 0.00001 %	%
Germanium (Ge)	≤ 0.000005 %	%
Mercury (Hg)	≤ 0.0000005 %	%
Potassium (K)	≤ 0.00001 %	%
Lithium (Li)	≤ 0.000001 %	%
Magnesium (Mg)	≤ 0.000005 %	%
Manganese (Mn)	≤ 0.000001 %	%
Molybdenum (Mo)	≤ 0.000002 %	%
Sodium (Na)	≤ 0.00005 %	%
Nickel (Ni)	≤ 0.000002 %	%
Lead (Pb)	≤ 0.000002 %	%

Quality Management  
Isolab Laborgerate GmbH





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**Formula Weight** : 98.08 g/mol

TEST NAME	SPECIFICATION	UNIT
Strontium (Sr)	≤ 0.000002 %	%
Titanium (Ti)	≤ 0.00001 %	%
Thallium (Tl)	≤ 0.000005 %	%
Vanadium (V)	≤ 0.000001 %	%
Zinc (Zn)	≤ 0.000005 %	%
Zirconium (Zr)	≤ 0.00001 %	%
Chloride (Cl)	≤ 0.00001 %	%
Nitrate (NO <sub>3</sub> )	≤ 0.00002 %	%
Phosphate (PO <sub>4</sub> )	≤ 0.00005 %	%
KMnO <sub>4</sub> red.matter (as SO <sub>2</sub> )	≤ 0.0002 %	%
KMnO <sub>4</sub> red.matter (as O)	≤ 0.0002 %	%

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