



## PRODUCT SPECIFICATION

<b>Product Name</b>	:	Sulfuric acid 95-98%, For determination of Hg ACS Reagent, Reag. ISO, Reag. Ph. Eur.
<b>Product Number</b>	:	970.026
<b>Brand</b>	:	ISOLAB
<b>CAS Number</b>	:	7664-93-9
<b>Formula</b>	:	H <sub>2</sub> SO <sub>4</sub>
<b>Formula Weight</b>	:	98.08 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay	95 - 98 %	%
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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TEST NAME	SPECIFICATION	UNIT	RESULTS
Strontium (Sr)	≤ 0.000002 %	%	< 0.000002
Titanium (Ti)	≤ 0.00001 %	%	< 0.00001
Thallium (Tl)	≤ 0.000005 %	%	< 0.000005
Vanadium (V)	≤ 0.000001 %	%	< 0.000001
Zinc (Zn)	≤ 0.000005 %	%	< 0.000005
Zirconium (Zr)	≤ 0.00001 %	%	< 0.00001
Chloride (Cl)	≤ 0.00001 %	%	< 0.00001
Nitrate (NO <sub>3</sub> )	≤ 0.00002 %	%	< 0.00002
Phosphate (PO <sub>4</sub> )	≤ 0.00005 %	%	< 0.00005
KMnO <sub>4</sub> red.matter (as SO <sub>2</sub> )	≤ 0.0002 %	%	< 0.0002
KMnO <sub>4</sub> red.matter (as O)	≤ 0.0002 %	%	< 0.0002

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