

Sulphur standard solution, 1,000 mg/l S in water (from (NH₄)₂SO₄) ARISTAR® standard for ICP

(NH₄)₂SO₄ in H₂O

Traceable to SRM from NIST, tested in ISO Guide 34 /ISO17025 accredited laboratory.

Cat. No.	Pk	Pack type
456082W	100 ml	Plastic bottle
456084B	500 ml	Plastic bottle

Supplied with certificate of analysis.

NEW Sulphur standard solution, 1,000 mg/l S in water AVS TITRINORM® standard for AAS

Cat. No.	Pk	Pack type
86706.180	100 ml	Plastic bottle
86706.260	500 ml	Plastic bottle

Supplied with certificate of analysis.

Sulphuric acid (≥ 95%)

Danger
H314 H290
P280 P301+P330+P331 P305+P351+P338
P309+P310



CAS 7664-93-9
Index 016-020-00-8
EINECS: 231-639-5
UN: 1830
ADR 8,II

H₂SO₄
M.W. 98.08 g/mol
Density: 1.84 g/cm³ (20 °C)
Boiling Pt: ~ 335 °C (1013 hPa)
Melting Pt: 3 °C
Storage Temperature: Ambient temperature

Sulphuric acid 98% AnalR NORMAPUR® analytical reagent

Assay.....	Min. 98.0 %	Colouration.....	Max. 10 HU
Residue on ignition.....	Max. 0.002 %	Substances reducing permanganate KMnO ₄ (O)M ax. 0.0001 %	
Ammonium (NH ₄ ⁺).....	Max. 0.0002 %	Nitrate (NO ₃ ⁻).....	Max. 0.00002 %
Chloride (Cl).....	Max. 0.00002 %	Al (Aluminium).....	Max. 0.00001 %
As (Arsenic).....	Max. 0.000005 %	Ba (Barium).....	Max. 0.000005 %
Ca (Calcium).....	Max. 0.0001 %	Cd (Cadmium).....	Max. 0.000005 %
Co (Cobalt).....	Max. 0.000002 %	Cr (Chromium).....	Max. 0.00001 %
Cu (Copper).....	Max. 0.000002 %	Fe (Iron).....	Max. 0.0001 %
K (Potassium).....	Max. 0.00005 %	Mg (Magnesium).....	Max. 0.00005 %
Mn (Manganese).....	Max. 0.000002 %	Mo (Molybdenum).....	Max. 0.000005 %
Na (Sodium).....	Max. 0.0005 %	Ni (Nickel).....	Max. 0.000005 %
Pb (Lead).....	Max. 0.000005 %	Se (Selenium).....	Max. 0.0001 %
Sr (Strontium).....	Max. 0.000002 %	Zn (Zinc).....	Max. 0.00005 %

Cat. No.	Pk	Pack type
102765G	1 l	Glass bottle
102766H	2,5 l	Glass bottle

Sulphuric acid 96% Ph. Eur.

Assay.....	95.0 to 100.5 %
Appearance.....	Clear viscous liquid
Identification A.....	Passes test
Identification B.....	Passes test
Appearance of solution.....	Passes test
Cl (Chloride).....	Max. 50 ppm
NO ₃ (Nitrate).....	Passes test
As (Arsenic).....	Max. 1 ppm
Fe (Iron).....	Max. 25 ppm
Heavy metals (as Pb).....	Max. 5 ppm
Residual solvents.....	Passes test

Cat. No.	Pk	Pack type
85508.290	1 l	Glass bottle
85508.320	2,5 l	Glass bottle

Sulphuric acid 96% VLSI Selectipur® for the electronics industry

Cat. No.	Pk	Pack type
51151507.	2,5 l	Plastic bottle
57384943.	340 kg	Plastic drum

This product is not available in all countries. Please check with your local VWR International office or supplier.

Sulphuric acid 95% ARISTAR® for trace analysis

Assay (acidimetric).....	Min. 95.0 %
Chloride (Cl).....	Max. 0.1 ppm
Nitrate (NO ₃).....	Max. 0.1 ppm
Phosphate (PO ₄).....	Max. 0.05 ppm
Al (Aluminium).....	Max. 0.05 ppm
As (Arsenic).....	Max. 0.005 ppm
B (Boron).....	Max. 0.05 ppm
Ba (Barium).....	Max. 0.05 ppm
Ca (Calcium).....	Max. 0.1 ppm
Cd (Cadmium).....	Max. 0.001 ppm
Co (Cobalt).....	Max. 0.005 ppm
Cu (Copper).....	Max. 0.01 ppm
Fe (Iron).....	Max. 0.05 ppm
Hg (Mercury).....	Max. 0.001 ppm
K (Potassium).....	Max. 0.05 ppm
Mg (Magnesium).....	Max. 0.03 ppm
Mn (Manganese).....	Max. 0.005 ppm
Na (Sodium).....	Max. 0.3 ppm
NH ₄ (Ammonium).....	Max. 1.0 ppm
Ni (Nickel).....	Max. 0.005 ppm
Pb (Lead).....	Max. 0.005 ppm
Se (Selenic).....	Max. 0.1 ppm
Sr (Strontium).....	Max. 0.005 ppm
Zn (Zinc).....	Max. 0.02 ppm
Oxygen absorbing components.....	Max. 1 ppm
Non volatile matter.....	Max. 10 ppm

Cat. No.	Pk	Pack type
450061Q	500 ml	Glass bottle SAFEBREAK

Sulphuric acid 95% AnalR NORMAPUR® analytical reagent

Assay.....	95.0 to 97.0 %	Colouration.....	Max. 10 APHA
Ignition residue.....	Max. 5 ppm	Substances reducing KMnO ₄ (as SO ₂).....	Max. 2 ppm
Cl (Chloride).....	Max. 0.2 ppm	NH ₄ (Ammonium).....	Max. 2 ppm
NO ₃ + NO ₂ (as NO ₃).....	Max. 0.2 ppm	PO ₄ (Phosphate).....	Max. 0.5 ppm
Ag (Silver).....	Max. 0.02 ppm	Al (Aluminium).....	Max. 0.02 ppm
As (Arsenic).....	Max. 0.005 ppm	Ba (Barium).....	Max. 0.02 ppm
Be (Beryllium).....	Max. 0.01 ppm	Bi (Bismuth).....	Max. 0.01 ppm
Ca (Calcium).....	Max. 0.2 ppm	Cd (Cadmium).....	Max. 0.02 ppm
Co (Cobalt).....	Max. 0.01 ppm	Cr (Chromium).....	Max. 0.02 ppm
Cu (Copper).....	Max. 0.01 ppm	Fe (Iron).....	Max. 0.2 ppm
Ge (Germanium).....	Max. 0.02 ppm	K (Potassium).....	Max. 0.05 ppm
Li (Lithium).....	Max. 0.01 ppm	Mg (Magnesium).....	Max. 0.03 ppm
Mn (Manganese).....	Max. 0.01 ppm	Mo (Molybdenum).....	Max. 0.02 ppm
Na (Sodium).....	Max. 0.5 ppm	Ni (Nickel).....	Max. 0.02 ppm
Pb (Lead).....	Max. 0.02 ppm	Sr (Strontium).....	Max. 0.02 ppm
Ti (Titanium).....	Max. 0.02 ppm	Tl (Thallium).....	Max. 0.02 ppm
V (Vanadium).....	Max. 0.01 ppm	Zn (Zinc).....	Max. 0.02 ppm
Zr (Zirconium).....	Max. 0.02 ppm		

Cat. No.	Pk	Pack type
20700.265	500 ml	Glass bottle
20700.290	1 l	Plastic bottle
20700.243	1 l	Glass bottle SAFEBREAK
20700.298	1 l	Glass bottle
20700.320	2,5 l	Plastic bottle
20700.323	2,5 l	Glass bottle SAFEBREAK
20700.420	2,5 l	Glass bottle