

Sulfuric Acid 96%, Electropure

H ₂ SO ₄	FW. 98.08	Density 1 L = 1.84 Kg.
CAS-No.	7664-93-9	Melting Point - 11.1 °C
Code	EP1191	Boiling Point 310 °C

Specifications

Assay (by acidimetry)	95.0 - 97.0%
Color (APHA)	10 max.
Residue after Ignition	3 ppm max.
Substances reducing permanganate (as SO ₂)	2 ppm max.
Ammonium (NH ₄)	1 ppm max.
Chloride (Cl)	0.1 ppm max.
Nitrate (NO ₃)	0.2 ppm max.
Phosphate (PO ₄)	0.5 ppm max.
Aluminium (Al)	0.05 ppm max.
Arsenic and Antimony (as As)	0.005 ppm max.
Barium (Ba)	0.05 ppm max.
Beryllium (Be)	0.02 ppm max.
Bismuth (Bi)	0.1 ppm max.
Boron (B)	0.02 ppm max.
Cadmium (Cd)	0.01 ppm max.
Calcium (Ca)	0.2 ppm max.
Chromium (Cr)	0.02 ppm max.
Cobalt (Co)	0.02 ppm max.
Copper (Cu)	0.01 ppm max.
Gallium (Ga)	0.02 ppm max.
Germanium (Ge)	0.1 ppm max.
Gold (Au)	0.1 ppm max.
Indium (In)	0.02 ppm max.
Iron (Fe)	0.1 ppm max.
Lead (Pb)	0.01 ppm max.
Lithium (Li)	0.02 ppm max.
Magnesium (Mg)	0.1 ppm max.
Manganese (Mn)	0.02 ppm max.
Mercury (Hg)	0.005 ppm max.
Molybdenum (Mo)	0.05 ppm max.
Nickel (Ni)	0.02 ppm max.
Platinum (Pt)	0.2 ppm max.
Potassium (K)	0.1 ppm max.
Silver (Ag)	0.02 ppm max.
Sodium (Na)	0.2 ppm max.
Strontium (Sr)	0.05 ppm max.
Thallium (Tl)	0.05 ppm max.
Tin (Sn)	0.1 ppm max.
Titanium (Ti)	0.1 ppm max.
Vanadium (V)	0.05 ppm max.
Zinc (Zn)	0.02 ppm max.
Zirconium (Zr)	0.1 ppm max.

TN_26-08-2009

S-QC03-EP-A-S096 / RV.00 / Eff.date 01-11-12