

Sulfuric Acid 96%, Low Mercury

H ₂ SO ₄	FW. 98.08	Density 1 L = 1.84 Kg.
CAS-No.	7664-93-9	Melting Point - 11.1 °C
Code	EP1192	Boiling Point 310 °C

Specifications

Assay (by acidimetry)	95.0 - 97.0%
Mercury (Hg)	0.000001% max
Color (APHA)	10 max.
Residue after Ignition	3 ppm max.
Substances reducing permanganate (as SO ₂)	2 ppm max.
Ammonium (NH ₄)	2 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)	0.01 ppm max.
Barium (Ba)	0.05 ppm max.
Beryllium (Be)	0.02 ppm max.
Bismuth (Bi)	0.1 ppm max.
Boron (B)	0.05 ppm max.
Cadmium (Cd)	0.05 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)	0.05 ppm max.
Lithium (Li)	0.02 ppm max.
Magnesium (Mg)	0.1 ppm max.
Manganese (Mn)	0.02 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)	0.5 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-S196 / RV.00 / Eff.date 01-11-12