

Sulfuric Acid 96%, VLSI

H ₂ SO ₄	FW. 98.08	Density 1 L = 1.84 Kg.
CAS-No.	7664-93-9	Melting Point - 11.1 °C
Code	VL1191	Boiling Point 310 °C

Specifications

Assay (by acidimetry)	96.0 - 97.0%	
Color (APHA)	10	max.
Residue after Ignition	3	ppm max.
Substances reducing permanganate (as SO ₂)	1	ppm max.
Ammonium (NH ₄)	0.5	ppm max.
Chloride (Cl)	0.1	ppm max.
Nitrate (NO ₃)	0.2	ppm max.
Phosphate (PO ₄)	0.2	ppm max.
Aluminium (Al)	20	ppb max.
Arsenic and Antimony (as As)	5	ppb max.
Barium (Ba)	20	ppb max.
Beryllium (Be)	5	ppb max.
Bismuth (Bi)	20	ppb max.
Boron (B)	10	ppb max.
Cadmium (Cd)	5	ppb max.
Calcium (Ca)	100	ppb max.
Chromium (Cr)	10	ppb max.
Cobalt (Co)	5	ppb max.
Copper (Cu)	5	ppb max.
Gallium (Ga)	5	ppb max.
Germanium (Ge)	50	ppb max.
Gold (Au)	20	ppb max.
Indium (In)	5	ppb max.
Iron (Fe)	50	ppb max.
Lead (Pb)	5	ppb max.
Lithium (Li)	5	ppb max.
Magnesium (Mg)	50	ppb max.
Manganese (Mn)	5	ppb max.
Molybdenum (Mo)	5	ppb max.
Nickel (Ni)	5	ppb max.
Platinum (Pt)	10	ppb max.
Potassium (K)	100	ppb max.
Silver (Ag)	10	ppb max.
Sodium (Na)	100	ppb max.
Strontium (Sr)	5	ppb max.
Thallium (Tl)	5	ppb max.
Tin (Sn)	10	ppb max.
Titanium (Ti)	50	ppb max.
Vanadium (V)	50	ppb max.
Zinc (Zn)	20	ppb max.
Zirconium (Zr)	5	ppb max.

Product passed through 1 micron final filter.

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