

Sulfuric Acid 96%, RCI Premium

H ₂ SO ₄	FW. 98.08	Density 1 L = 1.84 Kg.
CAS-No.	7664-93-9	Melting Point - 11.1 °C
Code	RP1191	Boiling Point 310 °C

Specifications

(Meet A.C.S. Specifications)

Assay (by acidimetry)	95.0 - 97.0%
Appearance	Passes test
Color (APHA)	10 max.
Residue after ignition	0.0004% max.
Ammonium (NH ₄)	0.0001% max.
Chloride (Cl)	0.00001% max.
Nitrate (NO ₃)	0.00002% max.
Phosphate (PO ₄)	0.00005% max.
Substance Reducing KMnO ₄ (as SO ₂)	0.0002% max.
Heavy metal (as Pb)	0.00005% max.
Aluminium (Al)	0.00001% max.
Arsenic (As)	0.0000004% max.
Barium (Ba)	0.000005% max.
Boron (B)	0.000001% max.
Cadmium (Cd)	0.000001% max.
Calcium (Ca)	0.00002% max.
Chromium (Cr)	0.00001% max.
Cobalt (Co)	0.000002% max.
Copper (Cu)	0.000002% max.
Gold (Au)	0.00001% max.
Iron (Fe)	0.00002% max.
Lead (Pb)	0.000001% max.
Magnesium (Mg)	0.00002% max.
Manganese (Mn)	0.000002% max.
Molybdenum (Mo)	0.000005% max.
Mercury (Hg)	0.0000005% max.
Nickel (Ni)	0.000005% max.
Potassium (K)	0.00003% max.
Selenium (Se)	0.0001% max.
Sodium (Na)	0.00003% max.
Strontium (Sr)	0.000002% max.
Tin (Sn)	0.00002% max.
Titanium (Ti)	0.00002% max.
Zinc (Zn)	0.00002% max.

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