

Sulfuric Acid 98%, RCI Premium

H ₂ SO ₄	FW. 98.08	Density 1 L	= 1.84 Kg.
CAS-No.	7664-93-9	Melting Point	-20 °C
Code	RP1193	Boiling Point	330 °C

Specifications

(Meet A.C.S. Specifications)

Assay (by acidimetry)	97.5 - 98.5%	
Appearance	Passes test	
Color (APHA)	10	max.
Residue after ignition	4	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.
Substance Reducing KMnO ₄ (as SO ₂)	2	ppm max.
Heavy metal (as Pb)	0.5	ppm max.
Aluminium (Al)	0.1	ppm max.
Arsenic (As)	0.004	ppm max.
Barium (Ba)	0.05	ppm max.
Boron (B)	0.01	ppm max.
Cadmium (Cd)	0.01	ppm max.
Calcium (Ca)	0.2	ppm max.
Chromium (Cr)	0.1	ppm max.
Cobalt (Co)	0.02	ppm max.
Copper (Cu)	0.02	ppm max.
Gold (Au)	0.1	ppm max.
Iron (Fe)	0.2	ppm max.
Lead (Pb)	0.01	ppm max.
Magnesium (Mg)	0.2	ppm max.
Manganese (Mn)	0.02	ppm max.
Molybdenum (Mo)	0.05	ppm max.
Mercury (Hg)	0.005	ppm max.
Nickel (Ni)	0.05	ppm max.
Potassium (K)	0.3	ppm max.
Selenium (Se)	1	ppm max.
Sodium (Na)	0.3	ppm max.
Strontium (Sr)	0.02	ppm max.
Tin (Sn)	0.2	ppm max.
Titanium (Ti)	0.2	ppm max.
Zinc (Zn)	0.2	ppm max.

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