

Sulfuric Acid 98%, Low Nitrogen

H ₂ SO ₄	FW. 98.08	Density 1 L = 1.84 Kg.
CAS-No.	7664-93-9	Melting Point -20 °C
Code	EP1314	Boiling Point 330 °C

Specifications

Assay (by acidimetry)	97.5%	min.
Color (APHA)	10	max.
Residue after Ignition	2	ppm max.
Substances reducing permanganate (as SO ₂)	2	ppm max.
Total Nitrogen (N)	1	ppm max.
Chloride (Cl)	0.1	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)	0.2	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)	0.1	ppm max.
Zirconium (Zr)	0.1	ppm max.

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