

Sulfuric Acid 96% LM

Assay Parameter	Unit	Specification LM
Assay (H ₂ SO ₄)	%	95.0-97.0
Water (H ₂ O)	%	3–5
Color	APHA	Max 7
Ammonium (NH ₄)	ppb	Max 1000
Heavy Metals (as Pb)	ppb	Max 400
Substances reducing KMnO ₄	ppb	Max 2000
Residue After Ignition	ppb	Max 3000
Aluminum (Al)	ppb	Max 20
Arsenic and Antimony (as As)	ppb	Max 5
Barium (Ba)	ppb	Max 10
Beryllium (Be)	ppb	Max 10
Bismuth (Bi)	ppb	Max 20
Boron (B)	ppb	Max 5
Cadmium (Cd)	ppb	Max 10
Calcium (Ca)	ppb	Max 20
Chloride (Cl)	ppb	Max 500
Chromium (Cr)	ppb	Max 10
Cobalt (Co)	ppb	Max 10
Copper (Cu)	ppb	Max 10
Gallium (Ga)	ppb	Max 10
Germanium (Ge)	ppb	Max 10
Gold (Au)	ppb	Max 20
Iron (Fe)	ppb	Max 50
Lead (Pb)	ppb	Max 10
Lithium (Li)	ppb	Max 10
Magnesium (Mg)	ppb	Max 20
Manganese (Mn)	ppb	Max 10
Mercury (Hg)	ppb	Max 5
Molybdenum (Mo)	ppb	Max 5
Nickel (Ni)	ppb	Max 10
Niobium (Nb)	ppb	Max 10
Nitrate (NO ₃)	ppb	Max 100
Phosphate (PO ₄)	ppb	Max 300
Potassium (K)	ppb	Max 20
Silicon (Si)	ppb	Max 50
Silver (Ag)	ppb	Max 10

Sodium (Na)	ppb	Max 20
Strontium (Sr)	ppb	Max 20
Tantalum (Ta)	ppb	Max 20
Thallium (Tl)	ppb	Max 20
Tin (Sn)	ppb	Max 20
Titanium (Ti)	ppb	Max 20
Vanadium (V)	ppb	Max 10
Zinc (Zn)	ppb	Max 20
Zirconium (Zr)	ppb	Max 20
Particle Count, 0.5 μm	ppb	Max 25
Particle Count, 1.0 μm	ct/ml	Max 10