



Certificate of Analysis

Product Name:	Sulfuric Acid 96% LM
Product Description:	Sulfuric Acid 96%
Shelf Life:	2 years

Assay Parameter	Unit	Specification LM Grade
Assay (H2SO4)	%	95.5-96.5
Water (H2O)	%	3--5
Color	APHA	Max 7
Chloride (Cl)	ppb	Max 100
Nitrate (NO3)	ppb	Max 200
Phosphate (PO4)	ppb	Max 500
Aluminum (Al)	ppb	Max 20
Arsenic and Antimony (as As)	ppb	Max 10
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
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
Molybdenum (Mo)	ppb	Max 5
Nickel (Ni)	ppb	Max 10
Niobium (Nb)	ppb	Max 10
Potassium (K)	ppb	Max 20
Silicon (Si)	ppb	Max 50



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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 μ m	ppb	Max 25
Particle Count, 1.0 μ m	ct/ml	Max 10

It is hereby certified that the above-mentioned product meets applicable testing,
packaging, regulatory, and customer purchase order requirements.
This includes, but is not limited to, chemical specifications and inspection of containers
for packaging defects. The pertinent test and/or inspection records are on file.
