

PRODUCT SPECIFICATION SHEET

Sulfuric Acid, 96%

Electronic/Semiconductor Grade

Test	Specification	Typical Results
Assay (H ₂ SO ₄), %	95.5-96.5	95.5-96.5
Water (H ₂ O), %	3–5	3–5
Color, APHA	Max 7	Max 7
Chloride (Cl), ppb	Max 100	Max 100
Nitrate (NO ₃), ppb	Max 200	Max 200
Phosphate (PO ₄), ppb	Max 500	Max 500
Aluminum (Al), ppb	Max 20	Max 20
Arsenic and Antimony (as As), ppb	Max 10	Max 10
Barium (Ba), ppb	Max 10	Max 10
Beryllium (Be), ppb	Max 10	Max 10
Bismuth (Bi), ppb	Max 20	Max 20
Boron (B), ppb	Max 5	Max 5
Cadmium (Cd), ppb	Max 10	Max 10
Calcium (Ca), ppb	Max 20	Max 20
Chromium (Cr), ppb	Max 10	Max 10
Cobalt (Co), ppb	Max 10	Max 10
Copper (Cu), ppb	Max 10	Max 10
Gallium (Ga), ppb	Max 10	Max 10
Germanium (Ge), ppb	Max 10	Max 10
Gold (Au), ppb	Max 20	Max 20

Iron (Fe), ppb	Max 50	Max 50
Lead (Pb), ppb	Max 10	Max 10
Lithium (Li), ppb	Max 10	Max 10
Magnesium (Mg), ppb	Max 20	Max 20
Manganese (Mn), ppb	Max 10	Max 10
Molybdenum (Mo), ppb	Max 5	Max 5
Nickel (Ni), ppb	Max 10	Max 10
Niobium (Nb), ppb	Max 10	Max 10
Potassium (K), ppb	Max 20	Max 20
Silicon (Si), ppb	Max 50	Max 50
Silver (Ag), ppb	Max 10	Max 10
Sodium (Na), ppb	Max 20	Max 20
Strontium (Sr), ppb	Max 20	Max 20
Tantalum (Ta), ppb	Max 20	Max 20
Thallium (Tl), ppb	Max 20	Max 20
Tin (Sn), ppb	Max 20	Max 20
Titanium (Ti), ppb	Max 20	Max 20
Vanadium (V), ppb	Max 10	Max 10
Zinc (Zn), ppb	Max 20	Max 20
Zirconium (Zr), ppb	Max 20	Max 20
Particle Count, 0.5 mm, ppb	Max 25	Max 25
Particle Count, 1.0 mm, ct/ml	Max 10	Max 10

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user