

Certificate of Analysis

Product: Sulfuric Acid 96% Solution

Item Number: SUAS96

Grade: Semiconductor

Lot Number: 5000458/3.1

Manufacture Date: 01/04/2024

Expiration Date: 01/03/2026

Country of Origin: United States

Tested Property	Specification	Analysis
Assay (H ₂ SO ₄)	95.5-97%	96.37%
Color (APHA)	Max 10	5
Residue after Ignition	Max 3 ppm	1 ppm
Chloride (Cl)	Max 0.1 ppm	< 0.1 ppm
Nitrate (NO ₃)	Max 0.2 ppm < 0.1 ppm	< 0.1 ppm
Phosphate (PO ₄)	Max 0.5 ppm	< 0.1 ppm
Heavy Metals (as Pb)	Max 0.4 ppm	< 0.1 ppm
Arsenic & Antimony (as As)	Max 0.005 ppm	< 0.005 ppm
Aluminum (Al)	Max 0.5 ppm	< 0.1 ppm
Barium (Ba)	Max 1 ppm	<1 ppm
Boron (B)	Max 0.01 ppm	< 0.01 ppm
Cadmium (Cd)	Max 0.5 ppm	<0.5 ppm
Calcium (Ca)	Max 1 ppm	< 0.1 ppm
Chromium (Cr)	Max 0.5 ppm	< 0.1 ppm
Cobalt (Co)	Max 0.5 ppm	<0.5 ppm
Copper (Cu)	Max 0.1 ppm	< 0.1 ppm
Gallium (Ga)	Max 0.5 ppm	<0.5 ppm
Germanium (Ge)	Max 0.5ppm	<0.5 ppm
Gold (Au)	Max 0.5 ppm	<0.1 ppm
Iron (Fe)	Max 0.2 ppm	< 0.1 ppm

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Lithium (Li)	Max 1 ppm	<1 ppm
Magnesium (Mg)	Max 1 ppm	<0.2 ppm
Manganese (Mn)	Max 0.5 ppm	< 0.2 ppm
Nickel (Ni)	Max 0.1 ppm	< 0.1 ppm
Potassium (K)	Max 1 ppm	<0.1 ppm
Silicon (Si)	Max 0.5 ppm	<0.5 ppm
Silver (Ag)	Max 0.5 ppm	<0.1 ppm
Sodium (Na)	Max 1 ppm	<1 ppm
Strontium (Sr)	Max 0.5 ppm	<0.5 ppm
Tin (Sn)	Max 0.5 ppm	< 0.1 ppm
Zinc (Zn)	Max 0.5 ppm	< 0.1 ppm

[Sulfuric Acid 96% Solution](#)

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