

Certificate of Analysis

Product: Sulfuric Acid 96% Solution
Item Number: SUAS96
Grade: Semiconductor
Lot Number: 5001190/1.1
Manufacture Date: 02/28/2025
Expiration Date: 02/27/2028
Country of Origin: United States

Tested Property	Specification	Analysis
Assay (H ₂ SO ₄)	95.5-97%	96.48%
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 0.5 ppm	< 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](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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