

Certificate of Analysis

Product : Sulfuric Acid
Meets ACS specifications
CAS # 7664-93-9
CHEMICAL FORMULA : H₂SO₄

Product Code : CP-Y2555P
Lot: 14CP0821
Density: 1.8427 g/mL
F.W. 98.08

Characteristic	Requirement		Results	Units
	Min.	Max.		
Appearance	Colorless, free of suspended matter		Pass	n/a
Assay (H ₂ SO ₄)	95.5	97	96.13	%
Color (APHA)		10	5	APHA
Residue after ignition		5	1	ppm
Chloride (Cl)		0.1	<0.1	ppm
Nitrate (NO ₃)		0.2	<0.1	ppm
Phosphate (PO ₄)		0.5	<0.1	ppm
Heavy metals (as Pb)		1	<0.1	ppm
Arsenic (As) and Antimony (Sb) as As		0.005	<0.005	ppm
Aluminum (Al)		0.5	<0.1	ppm
Barium (Ba)		1	<1	ppm
Cadmium (Cd)		0.5	<0.5	ppm
Calcium (Ca)		1	<0.1	ppm
Chromium (Cr)		0.5	<0.1	ppm
Cobalt (Co)		0.5	<0.5	ppm
Copper (Cu)		0.1	<0.1	ppm
Gallium (Ga)		0.5	<0.5	ppm
Germanium (Ge)		0.5	<0.5	ppm
Gold (Au)		0.5	<0.1	ppm
Iron (Fe)		0.2	<0.05	ppm
Lithium (Li)		1	<1	ppm
Magnesium (Mg)		1	<0.2	ppm
Manganese (Mn)		0.5	<0.2	ppm
Nickel (Ni)		0.1	<0.1	ppm
Potassium (K)		1	<0.1	ppm
Silicon (Si)		0.5	<0.5	ppm
Silver (Ag)		0.5	<0.1	ppm
Sodium (Na)		1	<1	ppm
Strontium (Sr)		0.5	<0.5	ppm
Tin (Sn)		0.5	<0.1	ppm
Zinc (Zn)		0.5	<0.1	ppm
Date of Manufacture	08/2024			
Expiration Date	08/2026			

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Persons using this information should make their own determination regarding its suitability for their particular use.

This is an electronically generated document and does not require signatures.