

Certificate of Analysis

Product Name:

Sulfuric acid, PurTrace for Trace Analysis, ≥ 93%

Product No.: PSR50404
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 7664-93-9
Molecular Formula: H₂O₄S
Molecular Weight: 98.08 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colourless Liquid
Assay	≥ 93.0 %	97.98 %
Silver (Ag)	NMT 1.0 ppb	0.8 ppb
Aluminium (Al)	NMT 5.0 ppb	4.8 ppb
Arsenic (As)	NMT 0.001 ppm	0.001 ppm
Gold (Au)	NMT 1.0 ppb	0.27 ppb
Barium (Ba)	NMT 1.0 ppb	0.9 ppb
Beryllium (Be)	NMT 1.0 ppb	0.87 ppb
Bismuth (Bi)	NMT 1.0 ppb	0.89 ppb
Calcium (Ca)	NMT 20.0 ppb	18.90 ppb
Cadmium (Cd)	NMT 1.0 ppb	0.5 ppb
Cerium (Ce)	NMT 1.0 ppb	0.72 ppb
Cobalt (Co)	NMT 1.0 ppb	0.5 ppb
Chromium (Cr)	NMT 1.0 ppb	0.76 ppb
Cesium (Cs)	NMT 1.0 ppb	0.54 ppb
Copper (Cu)	NMT 1.0 ppb	0.9 ppb
Iron (Fe)	NMT 10.0 ppb	9.67 ppb
Gallium (Ga)	NMT 1.0 ppb	0.96 ppb
Germanium (Ge)	NMT 1.0 ppb	0.75 ppb
Mercury (Hg)	NMT 1.0 ppb	0.87 ppb
Potassium (K)	NMT 10.0 ppb	8.56 ppb
Lithium (Li)	NMT 1.0 ppb	0.87 ppb
Magnesium (Mg)	NMT 5.0 ppb	4.20 ppb
Manganese (Mn)	NMT 1.0 ppb	0.51 ppb
Molybdenum (Mo)	NMT 1.0 ppb	0.9 ppb
Sodium (Na)	NMT 20.0 ppb	18.5 ppb
Nickel (Ni)	NMT 2.0 ppb	1.90 ppb

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

64683 Einhausen Marie-Curie-StraBe. 3, Germany

Website: www.pure-synth.com

Phone: 1800-8908-260

Email: info@pure-synth.com

Lead (Pb)	NMT 1.0 ppb	0.6 ppb
Palladium (Pd)	NMT 1.0 ppb	0.87 ppb
Platinum (Pt)	NMT 1.0 ppb	0.67 ppb
Rubidium (Rb)	NMT 1.0 ppb	0.98 ppb
Rhodium (Rh)	NMT 1.0 ppb	0.63 ppb
Antimony (Sb)	NMT 1.0 ppb	0.8 ppb
Selenium (Se)	NMT 0.005 ppm	0.005 ppm
Tin (Sn)	NMT 1.0 ppb	0.9 ppb
Strontium (Sr)	NMT 1.0 ppb	0.8 ppb
Titanium (Ti)	NMT 1.0 ppb	0.79 ppb
Thallium (Tl)	NMT 1.0 ppb	0.89 ppb
Vanadium (V)	NMT 1.0 ppb	0.56 ppb
Zinc (Zn)	NMT 5.0 ppb	4.32 ppb
Zirconium (Zr)	NMT 1.0 ppb	0.91 ppb
Chloride (Cl)	NMT 0.1 ppm	0.01 ppm
Nitrate (NO ₃)	NMT 0.2 ppm	0.01 ppm
Phosphate (PO ₄)	NMT 0.5 ppm	0.02 ppm

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a room Temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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