

Certificate of Analysis

Product Name:

Hydrofluoric acid PurTrace for Trace Analysis 47-51%

Product No.: PSR42697
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 7664-39-3
Molecular Formula: HF
Molecular Weight: 20.01 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless liquid	Colorless liquid
Assay	47.0-51.0 %	50.3 %
Silver (Ag)	NMT 0.001 ppm	<0.001 ppm
Aluminum (Al)	NMT 0.005 ppm	0.0021 ppm
Arsenic (As)	NMT 0.005 ppm	<0.005 ppm
Gold (Au)	NMT 0.001 ppm	< 0.001 ppm
Barium (Ba)	NMT 0.001 ppm	< 0.001 ppm
Beryllium (Be)	NMT 0.001 ppm	< 0.001 ppm
Bismuth (Bi)	NMT 0.001 ppm	< 0.001 ppm
Calcium (Ca)	NMT 0.01 ppm	0.0053 ppm
Cadmium (Cd)	NMT 0.001 ppm	< 0.001 ppm
Cobalt (Co)	NMT 0.001 ppm	< 0.001 ppm
Chromium (Cr)	NMT 0.001 ppm	< 0.001 ppm
Cesium (Cs)	NMT 0.001 ppm	< 0.001 ppm
Chlorine (Cl)	NMT 0.001 ppm	< 0.001 ppm
Copper (Cu)	NMT 0.001 ppm	< 0.001 ppm
Iron (Fe)	NMT 0.01 ppm	0.0026 ppm
Gallium (Ga)	NMT 0.001 ppm	< 0.001 ppm
Germanium (Ge)	NMT 0.001 ppm	< 0.001 ppm
Indium (In)	NMT 0.001 ppm	< 0.001 ppm
Potassium (K)	NMT 0.01 ppm	< 0.01 ppm
Lithium (Li)	NMT 0.001 ppm	< 0.001 ppm
Magnesium (Mg)	NMT 0.005 ppm	< 0.005 ppm
Manganese (Mn)	NMT 0.001 ppm	< 0.001 ppm
Molybdenum (Mo)	NMT 0.001 ppm	< 0.001 ppm
Sodium (Na)	NMT 0.01 ppm	< 0.01 ppm
Nickel (Ni)	NMT 0.001 ppm	< 0.001 ppm

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

Lead (Pb)	NMT 0.002 ppm	< 0.002 ppm
Phosphate (PO ₄)	NMT 0.001 ppm	< 0.001 ppm
Rubidium (Rb)	NMT 0.001 ppm	< 0.001 ppm
Selenium (Se)	NMT 0.01 ppm	< 0.01 ppm
Tin (Sn)	NMT 0.001 ppm	< 0.001 ppm
Strontium (Sr)	NMT 0.001 ppm	< 0.001 ppm
Sulphate (SO ₄)	NMT 0.001 ppm	< 0.001 ppm
Titanium (Ti)	NMT 0.005 ppm	< 0.005 ppm
Thallium (Tl)	NMT 0.001 ppm	< 0.001 ppm
Vanadium (V)	NMT 0.001 ppm	< 0.001 ppm
Zinc (Zn)	NMT 0.002 ppm	< 0.002 ppm
Zirconium (Zr)	NMT 0.001 ppm	< 0.001 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 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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