

Certificate of Analysis

Product Name:

Oxalic Acid Dihydrate, *PurTrace* for Trace analysis, ≥99.9999% (metals basis)

Product No.: PSR41066
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 6153-56-6
Molecular Formula: $\text{HO}_2\text{CCO}_2\text{H} \cdot 2\text{H}_2\text{O}$
Molecular Weight: 126.07 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	White Powder	White Powder
Assay	≥ 99.99 %	99.99 %
Silver (Ag)	NMT 0.01 ppm	< 0.01 ppm
Aluminium (Al)	NMT 0.02 ppm	< 0.02 ppm
Arsenic (As)	NMT 0.01 ppm	< 0.01 ppm
Gold (Au)	NMT 0.001 ppm	< 0.001 ppm
Barium (Ba)	NMT 0.01 ppm	< 0.01 ppm
Beryllium (Be)	NMT 0.001 ppm	< 0.001 ppm
Bismuth (Bi)	NMT 0.001 ppm	< 0.001 ppm
Calcium (Ca)	NMT 0.1 ppm	< 0.1 ppm
Cadmium (Cd)	NMT 0.05 ppm	< 0.05 ppm
Cerium (Ce)	NMT 0.005 ppm	< 0.005 ppm
Cobalt (Co)	NMT 0.005 ppm	< 0.005 ppm
Chromium (Cr)	NMT 0.01 ppm	< 0.01 ppm
Cesium (Cs)	NMT 0.01 ppm	< 0.01 ppm
Copper (Cu)	NMT 0.005 ppm	< 0.005 ppm
Dysprosium (Dy)	NMT 0.005 ppm	< 0.005 ppm
Erbium (Er)	NMT 0.005 ppm	< 0.005 ppm
Europium (Eu)	NMT 0.005 ppm	< 0.005 ppm
Iron (Fe)	NMT 0.05 ppm	< 0.05 ppm
Gallium (Ga)	NMT 0.001 ppm	< 0.001 ppm
Gadolinium (Gd)	NMT 0.005 ppm	< 0.005 ppm
Germanium (Ge)	NMT 0.005 ppm	< 0.005 ppm
Hafnium (Hf)	NMT 0.005 ppm	< 0.005 ppm
Mercury (Hg)	NMT 5 ppm	< 5 ppm
Holmium (Ho)	NMT 0.005 ppm	< 0.005 ppm

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Indium (In)	NMT 0.001 ppm	< 0.001 ppm
Iridium (Ir)	NMT 0.005 ppm	< 0.005 ppm
Potassium (K)	NMT 0.2 ppm	< 0.2 ppm
Lanthanum (La)	NMT 0.005 ppm	< 0.005 ppm
Lithium (Li)	NMT 0.005 ppm	< 0.005 ppm
Lutetium (Lu)	NMT 0.005 ppm	< 0.005 ppm
Magnesium (Mg)	NMT 0.02 ppm	< 0.02 ppm
Manganese (Mn)	NMT 0.005 ppm	< 0.005 ppm
Molybdenum (Mo)	NMT 0.005 ppm	< 0.005 ppm
Sodium (Na)	NMT 0.1 ppm	< 0.1 ppm
Niobium (Nb)	NMT 0.005 ppm	< 0.005 ppm
Neodymium (Nd)	NMT 0.005 ppm	< 0.005 ppm
Nickel (Ni)	NMT 0.01 ppm	< 0.01 ppm
Lead (Pb)	NMT 0.01 ppm	< 0.01 ppm
Palladium (Pd)	NMT 0.01 ppm	< 0.01 ppm
Praseodymium (Pr)	NMT 0.005 ppm	< 0.005 ppm
Platinum (Pt)	NMT 0.05 ppm	< 0.05 ppm
Rubidium (Rb)	NMT 0.01 ppm	< 0.01 ppm
Ruthenium (Ru)	NMT 0.005 ppm	< 0.005 ppm
Rhenium (Re)	NMT 0.005 ppm	< 0.005 ppm
Rhodium (Rh)	NMT 0.005 ppm	< 0.005 ppm
Antimony (Sb)	NMT 0.005 ppm	< 0.005 ppm
Scandium (Sc)	NMT 0.05 ppm	< 0.05 ppm
Selenium (Se)	NMT 0.01 ppm	< 0.01 ppm
Samarium (Sm)	NMT 0.005 ppm	< 0.005 ppm
Tin (Sn)	NMT 0.005 ppm	< 0.005 ppm
Strontium (Sr)	NMT 0.01 ppm	< 0.01 ppm
Terbium (Tb)	NMT 0.005 ppm	< 0.005 ppm
Tellurium (Te)	NMT 0.005 ppm	< 0.005 ppm
Thorium (Th)	NMT 0.005 ppm	< 0.005 ppm
Thulium (Tm)	NMT 0.005 ppm	< 0.005 ppm
Tantalum (Ta)	NMT 0.01 ppm	< 0.01 ppm
Titanium (Ti)	NMT 0.02 ppm	< 0.02 ppm
Thallium (Tl)	NMT 0.001 ppm	< 0.001 ppm
Uranium (U)	NMT 0.001 ppm	< 0.001 ppm
Vanadium (V)	NMT 0.01 ppm	< 0.01 ppm
Tungsten (W)	NMT 0.005 ppm	< 0.005 ppm
Yttrium (Y)	NMT 0.005 ppm	< 0.005 ppm
Ytterbium (Yb)	NMT 0.005 ppm	< 0.005 ppm
Zinc (Zn)	NMT 0.02 ppm	< 0.02 ppm
Zirconium (Zr)	NMT 0.1 ppm	< 0.1 ppm

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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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