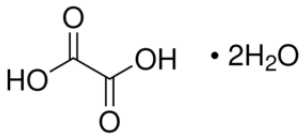
64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

# Product Specification

Product Name:
**Oxalic Acid Dihydrate, Pur*Trace* for Trace analysis, ≥99.9999% (metals basis)**

| | |
|---|---|
| Product No.: | PSR41066 |
| Brand: | PureSynth |
| CAS No.: | 6153-56-6 |
| Molecular Formula: | $HO_2CCO_2H \cdot 2H_2O$ |
| Molecular Weight: | 126.07 g/mol |




| Test | Specification |
|---|---|
| Appearance | White Powder |
| Assay | ≥ 99.99 % |
| Silver (Ag) | NMT 0.01 ppm |
| Aluminium (Al) | NMT 0.02 ppm |
| Arsenic (As) | NMT 0.01 ppm |
| Gold (Au) | NMT 0.001 ppm |
| Barium (Ba) | NMT 0.01 ppm |
| Beryllium (Be) | NMT 0.001 ppm |
| Bismuth (Bi) | NMT 0.001 ppm |
| Calcium (Ca) | NMT 0.1 ppm |
| Cadmium (Cd) | NMT 0.05 ppm |
| Cerium (Ce) | NMT 0.005 ppm |
| Cobalt (Co) | NMT 0.005 ppm |
| Chromium (Cr) | NMT 0.01 ppm |
| Cesium (Cs) | NMT 0.01 ppm |
| Copper (Cu) | NMT 0.005 ppm |
| Dysprosium (Dy) | NMT 0.005 ppm |
| Erbium (Er) | NMT 0.005 ppm |
| Europium (Eu) | NMT 0.005 ppm |
| Iron (Fe) | NMT 0.05 ppm |
| Gallium (Ga) | NMT 0.001 ppm |
| Gadolinium (Gd) | NMT 0.005 ppm |
| Germanium (Ge) | NMT 0.005 ppm |
| Hafnium (Hf) | NMT 0.005 ppm |
| Mercury (Hg) | NMT 5 ppm |
| Holmium (Ho) | NMT 0.005 ppm |
| Indium (In) | NMT 0.001 ppm |
| Iridium (Ir) | NMT 0.005 ppm |
| Potassium (K) | NMT 0.2 ppm |
| Lanthanum (La) | NMT 0.005 ppm |

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

Specification No.: PT-1.0-QA/024