

Certificate of Analysis

Product Name:

Water PurTrace for trace analysis

Product No.: PSR41299
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 7732-18-5
Molecular Formula: H₂O
Molecular Weight: 18.01g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless liquid	Colorless liquid
conductivity 25 °C	NMT 2.0 µS/cm	< 2.0 µS/cm
Non-volatile matter	NMT 1 ppb	< 1 ppb
Silver (Ag)	NMT 1 ppb	< 1 ppb
Aluminium (Al)	NMT 1 ppb	< 1 ppb
Arsenic (As)	NMT 1 ppb	< 1 ppb
Gold (Au)	NMT 1 ppb	< 1 ppb
Barium (Ba)	NMT 1 ppb	< 1 ppb
Beryllium (Be)	NMT 1 ppb	< 1 ppb
Bismuth (Bi)	NMT 1 ppb	< 1 ppb
Calcium (Ca)	NMT 5 ppb	< 5 ppb
Cadmium (Cd)	NMT 1 ppb	< 1 ppb
Cerium (Ce)	NMT 1 ppb	< 1 ppb
Cobalt (Co)	NMT 1 ppb	< 1 ppb
Chromium (Cr)	NMT 1 ppb	< 1 ppb
Cesium (Cs)	NMT 1 ppb	< 1 ppb
Copper (Cu)	NMT 1 ppb	< 1 ppb
Iron (Fe)	NMT 5 ppb	< 5 ppb
Gallium (Ga)	NMT 1 ppb	< 1 ppb
Germanium (Ge)	NMT 1 ppb	< 1 ppb
Mercury (Hg)	NMT 1 ppb	< 1 ppb
Indium (In)	NMT 1 ppb	< 1 ppb
Iridium (Ir)	NMT 1 ppb	< 1 ppb
Potassium (K)	NMT 5 ppb	< 5 ppb
Lithium (Li)	NMT 1 ppb	< 1 ppb
Magnesium (Mg)	NMT 1 ppb	< 1 ppb
Manganese (Mn)	NMT 1 ppb	< 1 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-Straße. 3, Germany

Website: www.pure-synth.com

Phone: 1800-8908-260

Email: info@pure-synth.com

Molybdenum (Mo)	NMT 1 ppb	< 1 ppb
Sodium (Na)	NMT 5 ppb	< 5 ppb
Nickel (Ni)	NMT 1 ppb	< 1 ppb
Lead (Pb)	NMT 1 ppb	< 1 ppb
Palladium (Pd)	NMT 1 ppb	< 1 ppb
Platinum (Pt)	NMT 1 ppb	< 1 ppb
Rubidium (Rb)	NMT 1 ppb	< 1 ppb
Rhodium (Rh)	NMT 1 ppb	< 1 ppb
Ruthenium (Ru)	NMT 1 ppb	< 1 ppb
Antimony (Sb)	NMT 1 ppb	< 1 ppb
Selenium (Se)	NMT 1 ppb	< 1 ppb
Tin (Sn)	NMT 1 ppb	< 1 ppb
Strontium (Sr)	NMT 1 ppb	< 1 ppb
Titanium (Ti)	NMT 1 ppb	< 1 ppb
Thallium (Tl)	NMT 1 ppb	< 1 ppb
Uranium (U)	NMT 0.5 ppb	< 0.5 ppb
Vanadium (V)	NMT 1 ppb	< 1 ppb
Zinc (Zn)	NMT 1 ppb	< 1 ppb
Zirconium (Zr)	NMT 1 ppb	< 1 ppb
Silicon (As SiO ₂)	NMT 0.01 ppm	< 0.01 ppm
Bromide (Br)	NMT 10.0 ppb	< 10.0 ppb
Chloride (Cl)	NMT 10.0 ppb	< 10.0 ppb
Fluoride (F)	NMT 10.0 ppb	< 10.0 ppb
Iodide (I)	NMT 10.0 ppb	< 10.0 ppb
Nitrite (NO ₂)	NMT 10.0 ppb	< 10.0 ppb
Nitrate (NO ₃)	NMT 10.0 ppb	< 10.0 ppb
Phosphate (PO ₄)	NMT 10.0 ppb	< 10.0 ppb
Sulfate (SO ₄)	NMT 10.0 ppb	< 10.0 ppb
Ammonium (NH ₄)	NMT 0.010 ppm	< 0.010 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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