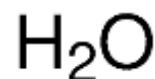


Product Specification

Product Name:

Water *PurSol*v Ultra Plus for LCMS, tested for UHPLC-MS

Product No.: PSR49126
Brand: PureSynth
CAS No.: 7732-18-5
Molecular Formula: H₂O
Molecular Weight: 18.01g/mol



Test	Specification
Appearance	Colorless Liquid
Non-volatile matter	NMT 1ppm
Silver (Ag)	NMT 0.1ppm
Aluminum (Al)	NMT 0.5ppm
Barium (Ba)	NMT 0.1ppm
Calcium (Ca)	NMT 0.1ppm
Cadmium (Cd)	NMT 0.05ppm
Cobalt (Co)	NMT 0.02ppm
Chromium (Cr)	NMT 0.02ppm
Copper (Cu)	NMT 0.02ppm
Iron (Fe)	NMT 0.1ppm
Potassium (K)	NMT 0.1ppm
Magnesium (Mg)	NMT 0.1ppm
Manganese (Mn)	NMT 0.02ppm
Sodium (Na)	NMT 0.1ppm
Nickel (Ni)	NMT 0.02ppm
Lead (Pb)	NMT 0.1ppm
Tin (Sn)	NMT 0.1ppm
Zinc (Zn)	NMT 0.1ppm
Chloride (Cl)	NMT 0.01ppm
Fluoride(F)	NMT 0.01ppm
Nitrate (NO ₃)	NMT 0.1ppm
Sulfate (SO ₄)	<0.1ppm
HPLC Gradient drift 254 nm	NMT 3 mAU
HPLC Gradient peak 254 nm	NMT 0.6 mAU
HPLC Gradient drift 210 nm	NMT 8 mAU
HPLC Gradient peak 210 nm	NMT 2 mAU
Suitability for the LC-MS	Complying
Fluorescence (chin in) at 254nm	NMT 1.0ppb

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.
For queries on this Specifications, 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

Fluorescence (chin in) at 365nm

NMT 1.0ppb

Transmittance at 230nm

> 99.0 %

Transmittance at 200nm

> 95.0 %

Specification: PSUP-1.0-QA/03

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