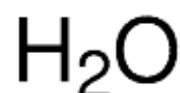


## Product Specification

Product Name:

**Water PurSolv Ultra Nitrite Free for LC-MS [NF]**

Product No.: PSR42497  
Brand: PureSynth  
CAS No.: 7732-18-5  
Molecular Formula: H<sub>2</sub>O  
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
Sulfate (SO <sub>4</sub> )	NMT 0.1ppm
HPLC Gradient at 210nm	NMT 5mAU
HPLC Gradient at 254nm	NMT 1mAU
Suitability for the LC-MS	Complying
Fluorescence (chin in) at 254nm	NMT 1ppb
Fluorescence (chin in) at 365nm	NMT 1ppb
Absorbance at 210nm	NMT 0.022
Absorbance at 230nm	NMT 0.004
Transmittance at 210nm	>95.0 %

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](mailto:technical@pure-synth.com)

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Transmittance at 230nm	>99.0 %
Nitrate (-NO <sub>3</sub> )	Not Detected
Nitrite (-NO <sub>2</sub> )	Not Detected

Specification: PSU-1.0-QA/015

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