

Certificate of Analysis

Product Name:

Water PurSol[®] Ultra Plus tested for EPA533 and EPA537.1 PFAS

Product No.: PSR49283
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 7732-18-5
Molecular Formula: H₂O
Molecular Weight: 18.01 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
TOC	NMT 10 ppb	5 ppb
Evaporation Residue	NMT 0.7 mg/l	0.1 mg/l
Aluminium (Al)	NMT 5 ppb	< 1 ppb
Calcium (Ca)	NMT 5 ppb	4 ppb
Iron (Fe)	NMT 5 ppb	< 1 ppb
Magnesium (Mg)	NMT 10 ppb	1 ppb
Potassium (K)	NMT 5 ppb	1 ppb
Sodium (Na)	NMT 50 ppb	3 ppb
Chloride	NMT 10 ppb	2 ppb
Nitrate	NMT 10 ppb	1 ppb
Phosphate	NMT 10 ppb	< 1 ppb
Sulfate	NMT 10 ppb	2 ppb
Fluorescence		
At 254nm	NMT 0.5 ppb	< 0.1 ppb
At 365nm	NMT 0.5 ppb	< 0.1 ppb
UHPLC Gradient		
At 210 nm	NMT 2.0 mAU	1.0 mAU
At 254 nm	NMT 0.5 mAU	0.2 mAU
Suitability for LC-MS; APCI/ESI (+)	NMT 2 ppb	< 2 ppb
Suitability for LC-MS; APCI/ESI (-)	NMT 10 ppb	< 10 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

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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