

Certificate of Analysis

Product Name:

Acetonitrile *PurSolv* Ultra Plus tested for EPA533 and EPA537.1 PFAS

Product No.: PSR49378
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 75-05-8
Molecular Formula: C₂H₃N
Molecular Weight: 41.05 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By GC)	≥ 99.9 %	99.99 %
Evaporation Residue	NMT 0.7 mg/l	0.1 mg/l
Water	NMT 0.01 %	< 0.01 %
Aluminium (Al)	NMT 5 ppb	< 1 ppb
Calcium (Ca)	NMT 5 ppb	< 1 ppb
Iron (Fe)	NMT 5 ppb	< 1 ppb
Magnesium (Mg)	NMT 5 ppb	< 1 ppb
Potassium (K)	NMT 5 ppb	< 1 ppb
Sodium (Na)	NMT 25 ppb	2 ppb
Fluorescence		
At 254nm	NMT 0.3 ppb	< 0.1 ppb
At 365nm	NMT 0.3 ppb	< 0.1 ppb
UHPLC Gradient		
At 210 nm	NMT 1.0 mAU	0.4 mAU
At 254 nm	NMT 0.2 mAU	0.1 mAU
Titrateable Acid	NMT 0.001	< 0.001
Titrateable Base	NMT 0.0001	< 0.0001
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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