

Certificate of Analysis

Product Name:

Acetonitrile *PurSol*v Plus for HPLC gradient grade, GC, pesticide residue analysis and spectrophotometry, >99.9%

Product No.: PSR50190
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 75-05-8
Molecular Formula: CH₃CN
Molecular Weight: 41.0 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless liquid	Colorless liquid
Assay	> 99.9 %	99.95 %
Water (By KF)	NMT 0.010 %	0.001%
Refractive Index (20°C)	1.3434 – 1.3446	1.3438
Residue	NMT 1.0 mg/L	0.5 mg/L
Electron Capture GC	NMT 10 ng/L	7 ng/L
Fluorescence (as quinine base)	NMT 0.30 ppb	0.055 ppb
UV Cutoff	NMT 190	187
HPLC Gradient @ 215 nm	NMT 0.005 AU	0.004 AU
HPLC Gradient @ 254 nm	NMT 0.001 AU	0.0009 AU
UV Absorbance @ 200 nm	NMT 0.050 AU	0.0160 AU
UV Absorbance @ 210 nm	NMT 0.040 AU	0.0120 AU
UV Absorbance @ 225 nm	NMT 0.010 AU	0.0055 AU
UV Absorbance @ 250 nm	NMT 0.005 AU	0.0009 AU
UV Absorbance @ 350 nm	NMT 0.005 AU	0.0001 AU

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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