

Certificate of Analysis

Product Name:

**Acetonitrile *PurSolv* Hyper, for HPLC, ≥99.9%
(Isocratic grade)**

Product No.: PSR49180
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
Purity (GC)	≥ 99.90 %	99.99 %
Water (by KF)	NMT 0.01 %	< 0.001 %
Evaporation residue	NMT 4.0 mg/l	< 4.0 mg/l
Free Acid (as CH ₃ COOH)	NMT 0.001 %	< 0.001 %
Free Alkalinity (as NH ₃)	NMT 0.0001 %	< 0.0001 %
UV Absorbance		
At 400nm	NMT 0.0044	< 0.0044
At 250nm	NMT 0.0044	< 0.0044
At 235nm	NMT 0.0044	< 0.0044
At 228nm	NMT 0.0050	< 0.005
At 200nm	NMT 0.0200	< 0.02
At 195nm	NMT 0.1000	< 0.10
Identification by IR	Conforms to Structure	Conforms

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

Filtered by 0.2 µm filter

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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