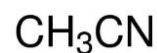


## Product Specification

Product Name:

**Acetonitrile PurSolv Hyper, Gradient grade, for HPLC, ≥99.9%**

Product No.: PSR36298  
Brand: PureSynth  
CAS No.: 75-05-8  
Molecular Formula: C<sub>2</sub>H<sub>3</sub>N  
Molecular Weight: 41.05 g/mol



Test	Specification
Appearance	Clear Colorless liquid
Assay (by GC)	≥ 99.90 %
Water (by KF)	NMT 0.02 %
Residue on Evaporation	NMT 0.0005 %
Alkalinity as NH <sub>3</sub>	NMT 0.0002%
Free Acid (as Acetic acid)	NMT 0.001%
<b>Gradient Elution Test</b>	
HPLC Gradient 210 nm	NMT 2 mAU
HPLC Gradient 254 nm	NMT 0.5 mAU
<b>UV Absorbance Test</b>	
UV Absorbance 195 nm	NMT 0.1
UV Absorbance 200 nm	NMT 0.03
UV Absorbance 230 nm	NMT 0.004
UV Absorbance 235 nm	NMT 0.004
UV Absorbance 250 nm	NMT 0.004
UV Absorbance 400 nm	NMT 0.004
<b>Fluorescence Test</b>	
At 254	NMT 0.5 ppb
At 365	NMT 0.5 ppb

Specification: PSHY-1.0-QA/002

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)