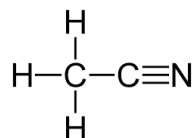


## Product Specification

Product Name:

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

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

Specification: PSHY-1.0-QA/053    Version No.: 1.1, 20.06.2026

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