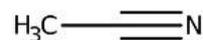


## Product Specification

Product Name:

**Acetonitrile PurSolv Ultra for LC-MS**

Product No.: PSR36294  
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
Assay	≥ 99.9 %
Water (Karl Fischer)	NMT 0.01 %
Silver (Ag)	NMT 0.1 ppm
Aluminium (Al)	NMT 0.5 ppm
Barium (Ba)	NMT 0.1 ppm
Bismuth (Bi)	NMT 0.1 ppm
Calcium (Ca)	NMT 0.05 ppm
Cadmium (Cd)	NMT 0.05 ppm
Cobalt (Co)	NMT 0.02 ppm
Chromium (Cr)	NMT 0.02 ppm
Copper (Cu)	NMT 0.02 ppm
Iron (Fe)	NMT 0.02 ppm
Potassium (K)	NMT 0.05 ppm
Lithium (Li)	NMT 0.1 ppm
Magnesium (Mg)	NMT 0.1 ppm
Manganese (Mn)	NMT 0.02 ppm
Molybdenum (Mo)	NMT 0.1 ppm
Sodium (Na)	NMT 0.05 ppm
Nickel (Ni)	NMT 0.02 ppm
Lead (Pb)	NMT 0.02 ppm
Tin (Sn)	NMT 0.1 ppm
Strontium (Sr)	NMT 0.1 ppm
Zinc (Zn)	NMT 0.1 ppm
HPLC-gradient at 210 nm	NMT 1.0 mAU
HPLC-gradient at 254 nm	NMT 0.2 mAU
Baseline drift at 210 nm	NMT 12.0 mAU
Suitability for the LC-MS	Complying
Fluorescence (chinin) at 254 nm	NMT 0.5 ppb
Fluorescence (chinin) at 365 nm	NMT 0.5 ppb

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.  
For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)

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Phone: 1800-8908-260  
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Absorbance at 195 nm	NMT 0.097
Absorbance at 200 nm	NMT 0.022
Absorbance at 230 nm	NMT 0.004

Specification: PSU-1.0-QA/001

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