

Product Specification

Product Name:

Acetonitrile PurSolv Ultra for LC-MS

Product No.: PSR36294
Brand: PureSynth
CAS No.: 75-05-8
Molecular Formula: C₂H₃N
Molecular Weight: 41.05 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay	≥ 99.9 %
Water (KF)	NMT 0.01 %
Evaporation residue	NMT 1.0 mg/l
Free acid (as CH ₃ COOH)	NMT 0.001 %
Free alkali (as NH ₃)	NMT 0.0001 %
Silver (Ag)	NMT 0.1 ppm
Aluminium (Al)	NMT 0.1 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 0.5 mAU
HPLC-gradient at 254 nm	NMT 0.1 mAU
Baseline drift at 210 nm	NMT 10.0 mAU

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com

Fluorescence (chinin) at 254 nm	NMT 0.5 ppb
Fluorescence (chinin) at 365 nm	NMT 0.5 ppb
Absorbance at 195 nm	NMT 0.095
Absorbance at 200 nm	NMT 0.020
Absorbance at 230 nm	NMT 0.004
Suitability for the LC-MS	Complies

Specification: PSU-1.0-QA/001 Version No.:1.1, 20.06.2026

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