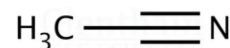


Product Specification

Product Name:

Acetonitrile PurSol[®] Ultra Plus for LC-MS, tested for UHPLC-MS

Product No.: PSR49124
Brand: PureSynth
CAS No.: 75-05-8
Molecular Formula: C₂H₃N
Molecular Weight: 41.05 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (By GC)	≥ 99.9%
Water (by KF)	NMT 0.01 %
Free acid (as CH ₃ COOH)	NMT 0.001 %
Free alkali (as NH ₃)	NMT 0.0001 %
Aluminium (Al)	NMT 20.0 ppb
Calcium (Ca)	NMT 50.0 ppb
Iron (Fe)	NMT 20.0 ppb
Potassium (K)	NMT 50.0 ppb
Magnesium (Mg)	NMT 20.0 ppb
Sodium (Na)	NMT 50.0 ppb
Lead (Pb)	NMT 20.0 ppb
Transmittance (@191 nm)	≥ 30.0 %
Transmittance (@195 nm)	≥ 85.0 %
Transmittance (@200 nm)	≥ 97.0 %
Transmittance (@215 nm)	≥ 98.0 %
Transmittance from (230 nm)	≥ 99.0 %
UHPLC-gradient drift (254 nm)	NMT 3.0 mAU
UHPLC-gradient peak (254 nm)	NMT 0.6 mAU
UHPLC-gradient drift (210 nm)	NMT 8.0 mAU
UHPLC-gradient peak (210 nm)	NMT 2.0 mAU
Suitability for the UHPLC-MS	Complying
Fluorescence (chinin) (@254 nm)	NMT 0.5 ppb
Fluorescence (chinin) (@365 nm)	NMT 0.5 ppb

Specification: PSUP-1.0-QA/01

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