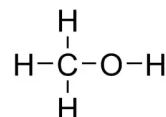


Product Specification

Product Name:

Methanol PurSol[®] Ultra Plus for LCMS, tested for UHPLC-MS

Product No.: PSR49125
Brand: PureSynth
CAS No.: 67-56-1
Molecular Formula: CH₃OH
Molecular Weight: 32.04g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (By GC)	≥ 99.9 %
Water (By KF)	NMT 0.03 %
Free acid (as CH ₃ COOH)	NMT 0.002 %
Free alkali (as NH ₃)	NMT 0.0001 %
Aluminium (Al)	NMT 0.02 ppm
Calcium (Ca)	NMT 0.05 ppm
Iron (Fe)	NMT 0.02 ppm
Potassium (K)	NMT 0.05 ppm
Magnesium (Mg)	NMT 0.02 ppm
Sodium (Na)	NMT 0.05 ppm
Transmittance (@210 nm)	≥ 40.0 %
Transmittance (@220 nm)	≥ 65.0 %
Transmittance (@230 nm)	≥ 80.0 %
Transmittance (@260 nm)	≥ 98.0 %
UHPLC-gradient drift (220 nm)	NMT 15.0 mAU
UHPLC-gradient peak (220 nm)	NMT 8.0 mAU
UHPLC-gradient drift (235 nm)	NMT 8.0 mAU
UHPLC-gradient peak (235 nm)	NMT 4.0 mAU
Suitability for the UHPLC-MS	Complying
Fluorescence (chinin) (@254 nm)	NMT 0.5 ppb
Fluorescence (chinin) (@365 nm)	NMT 0.3 ppb

Specification: PSUP-1.0-QA/02

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