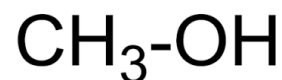


Product Specification

Product Name:

Methanol PurSol[®] Ultra Nitrite Free for LC-MS [NF]

Product No.: PSR41991
Brand: PureSynth
CAS No.: 67-56-1
Molecular Formula: CH₃OH
Molecular Weight: 32.04 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay	≥ 99.9 %
Free acid (as HCOOH)	NMT 0.001 %
Free alkali (as NH ₃)	NMT 0.0005%
Water (By KF)	NMT 0.020 %
Residue on ignition	NMT 0.0005 %
LC-MS Positive Mode (as caffeine)	NMT 100
LC-MS Positive Mode (as reserpine)	NMT 50
LC-MS Negative Mode (4-nitrophenol)	NMT 50
LC-MS Suitability Test	Complies
HPLC Gradient @ 254 nm	NMT 5 mAU
Absorbance @ 260 nm	NMT 0.008 AU
Absorbance @ 230 nm	NMT 0.124 AU
Absorbance @ 220 nm	NMT 0.301 AU
Absorbance @ 210 nm	NMT 0.522 AU
Nitrate (-NO ₃)	Not Detected
Nitrite (-NO ₂)	Not Detected

Specification: PSU-1.0-QA/012

Version No.: 1.1, 27.04.2026

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