

## Product Specification

Product Name:

### **Methanol PurSolv Ultra for LC-MS**

Product No.:	PSR36293
Brand:	PureSynth
CAS No.:	67-56-1
Molecular Formula:	CH <sub>3</sub> OH
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 <sub>3</sub> )	NMT 0.0005%
Water (Karl Fischer)	NMT 0.02 %
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	Complying
HPLC Gradient @ 254 nm	NMT 5
UV-Visible Spectrometry	
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
Transmittance @ 260nm	≥ 98.0 %
Transmittance @ 230nm	≥ 75.0 %
Transmittance @ 220nm	≥ 50.0 %
Transmittance @ 210nm	≥ 30.0 %

Specification: PSU-1.0-QA/004

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