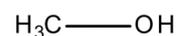


## Product Specification

Product Name:

**Methanol PurSol<sup>v</sup> 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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For queries on this Specifications, please contact our technical team at technical@pure-synth.com