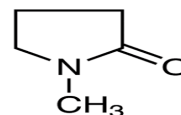


## Product Specification

Product Name:

**1-Methyl-2-pyrrolidinone PurSol<sup>v</sup> HS, GC-Headspace tested, ≥99.9%**

Product No.: PSR36270  
Brand: PureSynth  
CAS No.: 872-50-4  
Molecular Formula: C<sub>5</sub>H<sub>9</sub>NO  
Molecular Weight: 99.13 g/mol



Test	Specification
Appearance	Colorless liquid
Assay	≥ 99.9 %
Refractive Index (20°C)	1.469 -1.471
Water (By KF)	NMT 0.1 %
UV Cutoff	269 nm
Absorbance @350 nm (10 mm)	NMT 0.013 AU
Absorbance @320 nm (10 mm)	NMT 0.107 AU
Absorbance @300 nm (10 mm)	NMT 0.259 AU
Absorbance @285 nm (10 mm)	NMT 0.522 AU
GC Headspace Class 1 Compounds	NMT 1 ppm
GC Headspace Class 2 Compounds	NMT 10 ppm
GC Headspace Class 3 Compounds	NMT 50 ppm
GC Headspace Suitability Test	Passes test
IR Spectrum	Conforms to Structure

Specification: PSH-1.0-QA/008

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)