

# Certificate of Analysis

## 2-Pyrrolidinone

Puriss for synthesis, >98.0%

<b>Product Number</b>	PSR17402	<b>CAS No.</b>	616-45-5
<b>Brand</b>	PureSynth	<b>Lot No.</b>	BXT08CS
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>7</sub> NO	<b>Date of Mfg.</b>	August.2022
<b>Molecular Weight</b>	85.11 g/mol	<b>Date of Exp.</b>	July.2024

<b>Test</b>	<b>Specification</b>	<b>Result</b>
Appearance (Colour)	Colorless to light yellow	Colorless
Appearance (Form)	Liquid or Solid	Liquid
Assay (By GC)	> 98.0 %	99.6 %
Water (By KF)	NMT 0.2 %	0.17 %
IR Spectrum	Conforms to Structure	Conforms

**Condition:** Store at room temperature and keep the container tightly closed.

**Remark:** The batch complies with the prescribed quality of the above specification.

Approved By  
Head - Technical

*This is a computer-generated report -does not required sign*

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