

Certificate of Analysis

Date of Testing: 2022-10-20 15:35:50

Date of Next Testing: 2026-10-19 15:35:50

Product Name: **1-Methyl-2-pyrrolidinone**

CAS Number: 872-50-4

Specifications & Purity: anhydrous, 99.5%

Lot #: I2216422

SKU # **M119668**

Analysis: **117268**

Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.468-1.472	1.47
Density (20°C)	1.032-1.036	1.03
Purity(GC)	99.5-100 (%)	99.58 %
Water by Karl Fischer	0-0.005 (%)	0.00 %
Appearance (M119668)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager