

Certificate of Analysis

Date of Testing: 2024-12-18 19:02:28

Date of Next Testing: 2026-12-08 19:02:28

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

CAS Number: 872-50-4

Specifications & Purity: AR, ≥99%(GC)

Lot #: L2411677

SKU #: **M100588**

Version: **0**

Analysis #: **451987**

Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Color scale	0-50	22.00
Water by Karl Fischer	0-0.1 (%)	0.03 %
Density (20°C)	1.032-1.036	1.03
Refractive index n ₂₀ /D	1.468-1.472	1.47
Purity(GC)	99-100 (%)	99.86 %
Appearance (M100588)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager