

## Certificate of Analysis

Date of Testing: 2025-06-19 15:05:40  
Date of Next Testing: 2029-06-18 15:05:40  
Product Name: **1-Methyl-2-pyrrolidinone**  
CAS Number: 872-50-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2506254  
SKU #: **M100589**  
Version: **0**  
Analysis #: **532974**  
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Color scale	0-50	40.00
Refractive index n <sub>20</sub> /D	1.468-1.472	1.47
Density (20°C)	1.032-1.036	1.03
Purity(GC)	98-100 (%)	99.84 %
Water by Karl Fischer	0-0.1 (%)	0.04 %
Appearance (M100589)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager