

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-19 18:32:10  
Date of Next Testing: 2027-09-19 18:32:10  
Product Name: **1-Methyl-2-pyrrolidinone**  
CAS Number: 872-50-4  
Specifications & Purity: AR, ≥99%(GC)  
Lot #: I2510167  
SKU #: **M100588**  
Version: **0**  
Analysis #: **581147**  
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Color scale	0-50	0.00
Water by Karl Fischer	0-0.1 (%)	0.03 %
Density (20°C)	1.032-1.036	1.03
Refractive index n <sub>20</sub> /D	1.468-1.472	1.47
Purity(GC)	99-100 (%)	99.97 %
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