

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-11 12:19:41  
Date of Next Testing: 2028-09-10 12:19:41  
Product Name: **1-Methyl-2-pyrrolidinone**  
CAS Number: 872-50-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: I2406068  
SKU #: **M100589**  
Version: **0**  
Analysis #: **409571**  
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Color scale	0-50	20.00
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 (%)	99.61 %
Water by Karl Fischer	0-0.1 (%)	0.08 %
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