

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-31 11:46:53  
 Date of Next Testing: 2028-12-30 11:46:53  
 Product Name: **1-Methyl-2-pyrrolidinone**  
 CAS Number: 872-50-4  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: L2427430  
 SKU #: **M100589**  
 Version: **0**  
 Analysis #: **393310**  
 Storage Temperature: Protected from light, Room temperature, Desiccated

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Color scale                        | 0-50                             | 10.00000                         |
| Refractive index n <sub>20/D</sub> | 1.468-1.472                      | 1.47090                          |
| Density (20°C)                     | 1.032-1.036                      | 1.03400                          |
| Purity(GC)                         | 98-100 (%)                       | 99.30500 %                       |
| Water by Karl Fischer              | 0-0.1 (%)                        | 0.02300 %                        |
| 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