

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-23 17:29:38  
 Date of Next Testing: 2029-09-22 17:29:38  
 Product Name: **1-Methyl-2-pyrrolidinone (NMP)**  
 CAS Number: 872-50-4  
 Specifications & Purity: anhydrous, ≥99.5%  
 Lot #: I2515617  
 SKU #: **M119668**  
 Version: **0**  
 Analysis #: **572750**  
 Storage Temperature: Protected from light, Room temperature, Desiccated

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Water by Karl Fischer               | 0-0.005 (%)                      | 0.00330 %                        |
| Refractive index n <sub>20</sub> /D | 1.468-1.472                      | 1.47093                          |
| Density (20°C)                      | 1.032-1.036                      | 1.03500                          |
| Purity(GC)                          | 99.5-100 (%)                     | 99.99000 %                       |
| Appearance (M119668)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager