

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-15 10:00:14  
 Date of Next Testing: 2030-04-14 10:00:14  
 Product Name: **1-Methyl-2-pyrrolidinone (NMP)**  
 CAS Number: 872-50-4  
 Specifications & Purity: HPLC grade, ≥99.5%  
 Lot #: C2611701  
 SKU #: **M100590**  
 Version: **1**  
 Analysis #: **691329**  
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.05 (%)	0.02080 %
Density (20°C)	1.032-1.036	1.03240
UV Absorbance 300nm	0-0.5	0.05830
UV Absorbance 325nm	0-0.1	0.02350
Refractive index n <sub>20</sub> /D	1.468-1.472	1.47080
UV Absorbance 350nm	0-0.01	0.00860
UV Absorbance 400nm	0-0.01	0.00000
UV Absorbance 285nm	0-1	0.12190
Water by Karl Fischer	0-0.05 (%)	0.02780 %
Purity(GC)	99.5-100 (%)	99.67400 %
λ, H <sub>2</sub> O reference	Pass	Pass
Appearance (M100590)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager