

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-23 13:33:27
 Date of Next Testing: 2029-09-22 13:33:27
 Product Name: **1-Methyl-2-pyrrolidinone (NMP)**
 CAS Number: 872-50-4
 Specifications & Purity: HPLC grade, ≥99.5%
 Lot #: J2517025
 SKU #: **M100590**
 Version: **1**
 Analysis #: **580252**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.05 (%)	0.00940 %
Density (20°C)	1.032-1.036	1.03250
UV Absorbance 300nm	0-0.5	0.05700
UV Absorbance 325nm	0-0.1	0.02300
Refractive index n ₂₀ /D	1.468-1.472	1.47080
UV Absorbance 350nm	0-0.01	0.01000
UV Absorbance 400nm	0-0.01	0.00200
UV Absorbance 285nm	0-1	0.20400
Purity(GC)	99.5-100 (%)	99.91600 %
λ, H ₂ 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