

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-15 17:15:36
 Date of Next Testing: 2030-01-14 17:15:36
 Product Name: **1-Methyl-2-pyrrolidinone (NMP)**
 CAS Number: 872-50-4
 Specifications & Purity: HPLC grade, ≥99.5%
 Lot #: A2630017
 SKU #: **M100590**
 Version: **1**
 Analysis #: **639126**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.51000 %
Water by Karl Fischer	0-0.05 (%)	0.00900 %
Density (20°C)	1.032-1.036	1.03340
UV Absorbance 300nm	0-0.5	0.09000
UV Absorbance 325nm	0-0.1	0.03000
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	0.00100
UV Absorbance 285nm	0-1	0.25400
λ, H ₂ O reference	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (M100590)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager