

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-12 10:53:57

Date of Next Testing: 2029-12-11 10:53:57

Product Name: **1-Methyl-2-pyrrolidinone (NMP)**

CAS Number: 872-50-4

Specifications & Purity: HPLC grade, ≥99.5%

Lot #: J2522470

SKU #: **M100590**

Version: **1**

Analysis #: **623229**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.05 (%)	0.02050 %
Density (20°C)	1.032-1.036	1.03310
UV Absorbance 300nm	0-0.5	0.05800
UV Absorbance 325nm	0-0.1	0.02100
Refractive index n ₂₀ /D	1.468-1.472	1.47080
UV Absorbance 350nm	0-0.01	0.00700
UV Absorbance 400nm	0-0.01	0.00000
UV Absorbance 285nm	0-1	0.19700
Purity(GC)	99.5-100 (%)	99.85000 %
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