

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-10 11:34:34
Date of Next Testing: 2030-03-09 11:34:34
Product Name: **1-Methyl-2-pyrrolidinone (NMP)**
CAS Number: 872-50-4
Specifications & Purity: HPLC grade, $\geq 99.5\%$
Lot #: C2605285
SKU #: **M100590**
Version: **1**
Analysis #: **660586**
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.05 (%)	0.00950 %
Density (20°C)	1.032-1.036	1.03390
UV Absorbance 300nm	0-0.5	0.02700
UV Absorbance 325nm	0-0.1	0.00700
Refractive index n ₂₀ /D	1.468-1.472	1.47090
UV Absorbance 350nm	0-0.01	0.00100
UV Absorbance 400nm	0-0.01	0.00000
Purity(GC)	99.5-100 (%)	99.87000 %
UV Absorbance 285nm	0-1	0.05800
Appearance (M100590)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
λ , H ₂ O reference	Pass	Pass



John Su
QA & QC Manager