

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-19 17:19:47

Date of Next Testing: 2026-10-18 17:19:47

Product Name: **1-Methyl-2-pyrrolidinone**

CAS Number: 872-50-4

Specifications & Purity: $\geq 98\%$

Lot #: J2212321

SKU #: **M100589**

Version: **0**

Analysis #: **146008**

Storage Temperature: Protected from light, Room temperature, Desiccated

Parameter	Limit Values	Result
Color scale	0-50	45.50000
Refractive index n ₂₀ /D	1.468-1.472	1.47050
Density (20°C)	1.032-1.036	1.03220
Purity(GC)	99-100 (%)	99.50000 %
Water by Karl Fischer	0-0.1 (%)	0.03240 %
Appearance (M100589)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager