

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-27 09:37:26
 Date of Next Testing: 2028-09-26 09:37:26
 Product Name: **1-Methyl-2-pyrrolidinone**
 CAS Number: 872-50-4
 Specifications & Purity: Chromatographic grade, $\geq 99.5\%$
 Lot #: F2406486
 SKU #: **M100590**
 Version: **1**
 Analysis #: **413667**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.50 %
Water by Karl Fischer	0-0.05 (%)	0.01 %
Density (20°C)	1.032-1.036	1.03
UV Absorbance 300nm	0-0.5	0.06
UV Absorbance 325nm	0-0.1	0.02
Refractive index n _{20/D}	1.468-1.472	1.47
UV Absorbance 350nm	0-0.01	0.01
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 285nm	0-1	0.21
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