

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-07-02 11:57:38

Date of Next Testing: 2030-07-01 11:57:38

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

CAS Number: 872-50-4

Specifications & Purity: HPLC grade, $\geq 99.5\%$

Lot #: F2630124

SKU #: **V30160**

Version: **0**

Analysis #: **734226**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
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
Purity(GC)	99.5-100 (%)	99.51000 %
UV Absorbance 285nm	0-1	0.25400
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
λ , H ₂ O reference	Pass	Pass
Appearance(V30160)	Colorless to light yellow liquid	Colorless to light yellow liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

