

Shanghai yuanye Bio-Technology Co., Ltd
465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-26 11:35:03
Date of Next Testing: 2028-04-25 11:35:03
Product Name: **1-Methyl-2-pyrrolidinone**
CAS Number: 872-50-4
Specifications & Purity: BioReagent, $\geq 99.7\%$
Lot #: D2516159
SKU #: **V31075**
Version: **0**
Analysis #: **503450**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Color test (APHA)	0-20	10.00
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 350nm	0-0.03	0.00
UV Absorbance 325nm	0-0.1	0.02
UV Absorbance 300nm	0-0.5	0.09
UV Absorbance 285nm	0-1	0.28
Purity(GC)	99.7-100 (%)	99.76 %
Water by Karl Fischer	0-0.005 (%)	0.00 %
Free Amines(as Methylamine)	0-0.01 (%)	0.00000 %
Titratable Base	0-0.001 (meq/g)	0.00000 meq/g
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(V31075)	Colorless Liquid	Colorless liquid

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zou

