

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-10-29 09:30:52

Date of Next Testing: 2028-10-28 09:30:52

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

CAS Number: 872-50-4

Specifications & Purity: for HPLC plus

Lot #: J2524064

SKU #: **V31080**

Version: **0**

Analysis #: **598700**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(GC)	99.7-100 (%)	99.83800 %
Color test (APHA)	0-10 (APHA)	0.00 APHA
Evaporation Residue	0-10 (ppm)	0.20 ppm
UV Abs. at 285 nm	0-1 (AU)	0.73000 AU
UV Abs. at 300 nm	0-0.2 (AU)	0.19000 AU
UV Abs. at 325 nm	0-0.05 (AU)	0.03000 AU
UV Abs. at 350 nm	0-0.01 (AU)	0.00800 AU
UV Abs. at 400 nm	0-0.01 (AU)	0.00900 AU
UV Cut-off	0-285 (nm)	200.00000 nm
Water by Karl Fischer	0-0.08 (%)	0.04 %
Titrateable Base	0-0.001 (meq/g)	0.00000 meq/g
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(V31080)	Clear liquid	Clear liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

