

Certificate of Analysis

Date of Testing: 2023-10-27 16:05:53
Date of Next Testing: 2026-10-26 16:05:53
Product Name: **1-Methyl-2-Pyrrolidone**
CAS Number: 872-50-4
Specifications & Purity: for HPLC plus
Lot #: J2326146
SKU #: **M434296**
Analysis: **290237**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(GC)	99.7-100 (%)	99.75700 %
Color test (APHA)	0-10 (APHA)	0.00 APHA
Evaporation Residue	0-10 (ppm)	5.00 ppm
UV Abs. at 285 nm	0-1 (AU)	0.08900 AU
UV Abs. at 300 nm	0-0.2 (AU)	0.04200 AU
UV Abs. at 325 nm	0-0.05 (AU)	0.01300 AU
UV Abs. at 350 nm	0-0.01 (AU)	0.00300 AU
UV Abs. at 400 nm	0-0.01 (AU)	0.00000 AU
UV Cut-off	0-285 (nm)	0.00000 nm
Water by Karl Fischer	0-0.08 (%)	0.05 %
Titrateable Base	0-0.001 (meq/g)	0.00000 meq/g
Appearance(M434296)	Clear liquid	Clear liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager