

# Certificate of Analysis

## Compound Information

**Product Name:** N-Methyl-2-Pyrrolidinone  
**CAS No.:** 872-50-4  
**Cat. No.:** G4841276  
**Molecular Formula:** C<sub>5</sub>H<sub>9</sub>NO  
**Molecular Weight:** 99.13

## Batch Information

**Batch No.:** 0930083  
**Test Date:** 2026-01-22  
**Report Date:** 2026-01-23  
**Retest Date:** 2031-07-20  
**Storage:** -20°C, 3 years; 2-8°C, 2 years.  
**Origin:** China

## Test Item

Test	Specification	Result
Assay (GC), %	≥99.50	99.90
Appearance	Colorless and transparent	Conforms to specification
Water Content, %	≤0.05	0.01
Optical absorption		
at 285 nm	≤1	0.55
at 300 nm	≤0.5	0.29
at 325nm	≤0.1	0.19
at 350 nm	≤0.02	0.008
at 400 nm	≤0.01	0.001
Evaporation Residue, ppm	≤5	2.9

## Conclusion

**Signature** The product has been tested and complies with the given specifications.

**Reviewed by :**



**Reviewed by:**



**Approved by:**

