

## Certificate of Analysis

Date of Testing: 2023-09-22 10:55:53

Date of Next Testing: 2027-09-21 10:55:53

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

CAS Number: 872-50-4

Specifications & Purity: anhydrous, 99.5%

Lot #: I2320729

SKU # **M119668**

**Analysis:** **266828**

Storage Temperature: Protected from light, Desiccated

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Water by Karl Fischer               | 0-0.005 (%)                      | 0.01 %                           |
| Refractive index n <sub>20</sub> /D | 1.468-1.472                      | 1.47                             |
| Density (20°C)                      | 1.032-1.036                      | 1.03                             |
| Purity(GC)                          | 99.5-100 (%)                     | 99.92 %                          |
| Appearance (M119668)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



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