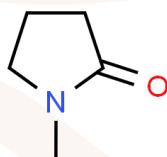


TECHNICAL SPECIFICATION



N-METHYL-2-PYRROLIDONE

1. Basic Information

| | |
|-------------------|---|
| Product Name | N-Methyl-2-Pyrrolidone |
| Structure Formula |  The chemical structure of N-methyl-2-pyrrolidone is shown as a five-membered ring. The nitrogen atom (N) is on the left, bonded to a methyl group (a single vertical line) and a double-bonded carbon atom. This carbon atom is further double-bonded to an oxygen atom (O, represented by a red circle) and single-bonded to another carbon atom, which is part of the ring. |
| Molecular Formula | C ₅ H ₉ NO |
| CAS No. | 872-50-4 |
| EINECS | 212-828-1 |

2. Specifications

| Items | Specification |
|---|---------------|
| Appearance @ 25 deg. C-Clear Liquid | Pass |
| +Colour (APHA, as is, W657) | <=50 |
| %Total Methyl Methyl Pyrrolidone (GC, W735) | <=0.50 |
| % Purity (GC, as area includes Methyl Isomers, W735) | >=99.8 |
| ppm Moisture (Karl Fischer, W956) | <=500 |
| ppm BLO (GC as area, W735) | <750 |
| pH (10% in CO ₂ -free deionized water, W809) | - |
| ppm Total Amines (Titration as Methyl Amine, W659) | <=100 |

3. Additional Information

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|-----|
| N/A |
|-----|