

CERTIFICATE OF ANALYSIS

Product Name: N-Methyl-2pyrrolidone

CAS: 872-50-4

Batch Number: 20230822001

Batch Quantity: 1000 kg

Production Date: 2023.08.22

| ITEMS | STANDARD | RESULTS |
|-------------------------------|-------------------------|--------------|
| Appearance | Clear liquid | Clear liquid |
| Density (g/cm ³) | 1.029-1.033 | 1.0322 |
| GC Purity, % | ≥99.90 | 99.942 |
| Moisture, ppm | ≤200 | 50 |
| Chroma, Hazen | ≤10 | 4.12 |
| Total Amine, ppm | ≤30 | 2.17 |
| PH(10%,V/V% aqueous solution) | 6-9 | 7.04 |
| Refractivity | 1.467-1.471 | 1.470 |
| CONCLUSION | CONFORM TO THE STANDARD | |

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