

CERTIFICATE OF ANALYSIS

| Product Name | N-Methyl-2-pyrrolidone |
|-----------------|------------------------|
| CAS No. | 872-50-4 |
| QUSNTITY | |
| BATCH NO | |
| MANUFACTRE DATE | |
| REPORT DATE | |

| Chemical Composition | Standard | Specimen |
|--------------------------------------|------------------------------|------------------------------|
| Appearance | Colorless transparent liquid | Colorless transparent liquid |
| Purity, w/% | ≥ 99.90 | 99.96 |
| Water, ppm | ≤ 100 | 55 |
| Colour, Hazen | ≤ 10 | 4 |
| Free amine (as monomethylamine), ppm | ≤ 10 | 3.5 |
| pH value (1ml/10ml aqueous solution) | 7.0-9.0 | 7.3 |
| Conclusion | PASSED | |

*Inspect every six months

**Inspect every four years