

SPECIFICATION

1-Methyl-2-pyrrolidone

for GPC

| REQUIREMENT | SPECIFICATION |
|---|---|
| Appearance | Colorless ~ nearly colorless, clear liquid |
| Density (20°C) | 1.030~1.034g/mL |
| Refractive index 20°C | 1.467~1.472 |
| Absorbance (285nm) | max.1.00 |
| Absorbance (300nm) | max.0.50 |
| Absorbance (360nm) | max.0.20 |
| Absorbance (400~600nm) | max.0.10 |
| Suitability for GPC test | to pass test |
| Water | max.0.1% |
| Acidity (as HCl) | max.5ppm |
| Alkalinity (as pyrrolidine) | max.0.002% |
| Peroxides (as H ₂ O ₂) | max.0.03% |
| Assay (capillary GC) | min.99.0% |