

SPECIFICATION

1-Methyl-2-pyrrolidone

for Peptide Synthesis

REQUIREMENT	SPECIFICATION
Appearance	Colorless ~ slightly yellow, clear liquid
Solubility in ethanol	to pass test
Density (20°C)	1.030~1.035g/mL
Refractive index 20°C	1.468~1.472
Absorbance (280nm)	max.0.6
Water	max.0.02%
Chloride (Cl)	max.1ppm
Amines (as CH ₃ NH ₂)	max.10ppm
Peroxides (as H ₂ O ₂)	max.0.02%
Assay (capillary GC)	min.99.0%