

## SPECIFICATION

1-Methyl-2-pyrrolidone  
for Electronics Industry

REQUIREMENT	SPECIFICATION
Appearance	Colorless ~ slightly yellow, clear liquid
APHA	max.50
Sp. Gr.(20/4°C)	1.032~1.037
Water	max.100ppm
Refractive index 20°C	1.468~1.471
Ash	max.5ppm
Assay (GC)	min.99.0%
Chloride (Cl)	max.1ppm
Free amine(as CH <sub>3</sub> NH <sub>2</sub> )	max.10ppm
Aluminium (Al)	max.10ppb
Calcium (Ca)	max.5ppb
Chromium (Cr)	max.1ppb
Copper (Cu)	max.2ppb
Iron (Fe)	max.10ppb
Potassium (K)	max.20ppb
Sodium (Na)	max.50ppb
Nickel (Ni)	max.1ppb
Lead (Pb)	max.1ppb
Zinc (Zn)	max.10ppb
Particles (0.5 μm or more)	max.100/mL
Particles (0.3 μm or more)	max.300/mL