

PRODUCT IDENTITY

PRODUCT NAME	1-Methyl-2-pyrrolidinone	PRODUCT NUMBER	M103246
Grades & Purity	electronic grade, ≥99.9%	VERSION	3
CAS NUMBER	872-50-4	FORMULA	C ₅ H ₉ NO
FORMULA WEIGHT	99.13g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Water by Karl Fischer	0-0.03 (%)
Refractive index n ₂₀ /D	1.468-1.472
Hazen	0-25
Sodium(Na)	0-10 (ppb)
Molybdenum(Mo)	0-10 (ppb)
Phosphate(PO ₄)	0-0.05 (ppm)
Iron(Fe)	0-10 (ppb)
Calcium(Ca)	0-5 (ppm)
total diol	0-20 (ppm)
Cadmium(Cd)	0-10 (ppb)

PARAMETER	SPECIFICATION / LIMIT
Purity(GC)	99.9-100 (%)
Lithium(Li)	0-10 (ppb)
Potassium(K)	0-10 (ppb)
Magnesium (Mg)	0-10 (ppb)
Sulfate(SO ₄ ²⁻)	0-0.05 (%)
Zinc(Zn)	0-10 (ppb)
Nickel(Ni)	0-10 (ppb)
(NO ₃)Nitrate	0-0.05 (ppm)
Copper(Cu)	0-10 (ppb)
Cobalt (Co)	0-10 (ppb)
Aluminum(Al)	0-10 (ppb)
Manganese(Mn)	0-10 (ppb)
Chloride (Cl ⁻)	0-0.05 (ppm)
Silver (Ag)	0-10 (ppb)
Total Amine	0-20 (ppm)
Chrome(Cr)	0-10 (ppb)
Lead(Pb)	0-10 (ppb)

PARAMETER	SPECIFICATION / LIMIT
Appearance (M103246)	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure