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Product Specifications

Catalogue Number	49520
Product	1-Methyl-2-pyrrolidinone
CAS Number	872-50-4
Molecular Formula	C ₅ H ₉ NO
Molecular Weight	99.13

Appearance	Clear free or colorless to faint yellow liquid
Color (APHA)	≤ 30
Boiling point	202 °C (Lit.)
Density	1.03 g/L (Lit.)
Specific Gravity	1.012 - 1.053 (Lit.)
Anion	Chloride : ≤ 300 ppb, Nitrate : ≤ 400 ppb Phosphate : ≤ 250 ppb, Sulfate : ≤ 250 ppb
Cation	Al, Ca, Cu, Pb, Mg, Mn, Ni, K, Sn, Ti : ≤ 5 ppb, Sb, As, Ba : ≤ 10 ppb B, Cd, Cr, Co, Ga, Ge, Au, Fe, Li, Hg, Ag, Na, Sr, V, Zn : ≤ 10 ppb
Water Content (Karl Fisher)	≤ 300 ppm
Related Substances	Methyl Amines (MMA+DMA+TMA) : ≤ 5 ppm
Purity	≥ 99.5%
Grade	Electronic Grade
Storage	Store at RT

For Laboratory Use Only