

n-Methyl-2-Pyrrolidone, Extropure Plus

C ₅ H ₉ NO	FW. 99.13	Density 1 L = 1.030 Kg.
CAS-No.	872-50-4	Melting Point - 24 °C
Code	XP1278	Boiling Point 202 °C

Specifications

Assay (by GC.)	99.8%	min.
Color (APHA)	50	max.
Water (by Coulometry)	0.05%	max.
Acidity (mEq./g.)	0.0005	max.
Residue on Evaporation	0.001%	max.
Free amine (as CH ₃ NH ₂)	0.01%	max.
Bromide (Br)	0.01	ppm max.
Chloride (Cl)	0.05	ppm max.
Fluoride (F)	0.01	ppm max.
Nitrate (NO ₃)	0.03	ppm max.
Nitrite (NO ₂)	0.03	ppm max.
Sulfate (SO ₄)	0.03	ppm max.
Phosphate (PO ₄)	0.01	ppm max.
pH value	8.5 - 10	
Aluminium (Al)	20	ppb max.
Barium (Ba)	10	ppb max.
Boron (B)	10	ppb max.
Cadmium (Cd)	10	ppb max.
Calcium (Ca)	100	ppb max.
Chromium (Cr)	20	ppb max.
Cobalt (Co)	10	ppb max.
Copper (Cu)	10	ppb max.
Iron (Fe)	50	ppb max.
Lead (Pb)	20	ppb max.
Magnesium (Mg)	50	ppb max.
Manganese (Mn)	10	ppb max.
Nickel (Ni)	10	ppb max.
Tin (Sn)	20	ppb max.
Zinc (Zn)	20	ppb max.
Silicone oil	Free	
DOP	Free	
Amide	Free	
Particle/ml :		
0.5 µm and greater	60	max.
1.0 µm and greater	15	max.

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