

n-Methyl-2-Pyrrolidone, For Headspace GC Analysis.

C ₅ H ₉ NO	FW. 99.13	Density 1 L = 1.030 Kg.
CAS-No.	872-50-4	Melting Point - 24 °C
Code	HS1123	Boiling Point 202 °C

Specifications

Assay (by GC.)	99.8%	min.
Appearance	Clear, colorless liquid	
Color (APHA)	10	max.
Water (by Coulometry)	0.05%	max.
Acidity (mEq./g.)	0.0005	max.
Residue on Evaporation	0.0005%	max.
Formic Acid and Acetic Acid	Not detected	
UV cutoff wavelength	190-269 nm	
UV Transmission Levels (%T)		
> 350 nm	98%	min.
320 nm	90%	min.
300 nm	85%	min.
285 nm	60%	min.
Residual solvent (GC/HS) according to ICH		
Class 1 Solvents	1	ppm max.
Class 2 Solvents	10	ppm max.
Class 3 Solvents	50	ppm max.

Suitable as solvent for the analysis of residual solvent of ICH classes 1,2 and 3 according to Ph Eur and USP.

Product passed through 0.2 micron final filter.