

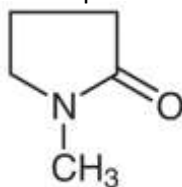
## Certificate of Analysis.

### N-Methyl-2-Pyrrolidone/NMP for GC-HS, ChromSolv<sup>®</sup>.

Product Code:	<b>BS11153.</b>
Description:	<b>N-Methyl-2-Pyrrolidone/NMP for GC-HS, ChromSolv<sup>®</sup>.</b>
Chemical Name:	<b>N-Methyl Pyrrolidone.</b>
Pack Size:	<b>1 lit.</b>
CAS NO.:	<b>872-50-4.</b>
Mol. Weight:	<b>99.13 g/mol.</b>
Mol. Formula:	<b>C<sub>5</sub>H<sub>9</sub>NO.</b>
MDL Number:	<b>MFCD00003193.</b>
Melting point:	<b>-24 °C.</b>
Boiling point:	<b>202 °C.</b>
Density:	<b>1.028 g/ml.</b>
Solubility:	<b>Soluble in Water.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Characteristics	Specification	Measured Values
Appearance:	Clear Colorless liquid.	<b>Lot specific.</b>
Water content by KF:	<0.1%.	<b>Lot specific.</b>
Colour (Hazen):	≤20.	<b>Lot specific.</b>
Refractive index:	1.470 – 1.471.	<b>Lot specific.</b>
Non volatile Matter:	Max. 0.001%.	<b>Lot specific.</b>
Residual solvents:		
GC-HS Class 1:	Max. 1 ppm.	<b>Lot specific.</b>
GC-HS Class 2:	Max. 10 ppm.	<b>Lot specific.</b>
GC-HS Class 3:	Max. 50 ppm.	<b>Lot specific.</b>
Purity by GC:	>99.5 %.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



  
**Dr. K. Deepti.**  
**Technical Head.**

