



**ChemPure* Brand
Chemicals**

MAY 22, 2014

...Pure Quality

CHEMICAL SPECIFICATION

1-Methyl-2-Pyrrolidinone (NMP)

Catalog Number:	CP-C8880	High Purity—for Peptide Synthesis
CAS Number:	[872-50-4]	Lot# M8402-E1613
MDL Number:	MFCD00003193	
Molecular Formula:	C ₅ H ₉ NO	Molecular Weight: 99.13 g mol ⁻¹
Density:	1.02-1.04	Boiling Point: 202-204 °C
Manufactured:	May 2013	Retest Date: May 2018

Test	Specification	Result
Assay	≥99.80%	99.97%
Color (APHA)	≤40	6
Water (KF)	400 ppm	83 ppm
Total Amines:		
Methylamine	≤40 ppm	17 ppm
Gamma b-Lactone	≤300 ppm	129 ppm
Distilled		
Micron Filtered		

Remarks See Material Safety Data Sheets for additional information.

Storage Store in dark!

Caution Irritant! Hygroscopic!

For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Approved by:
VKM
QA/QC Manager