

# Certificate of Analysis (COA)



## Certificate of Analysis (Electronic Grade)

<b>Product Name</b>	N-Methyl-Pyrrolidone
<b>CAS NO.</b>	872-50-4
<b>Packing</b>	ISO TANK
<b>MFD</b>	2022.07.01
<b>EXP</b>	2023.06.30
<b>Lot No.</b>	002-20220701000

## Routine Item Measurement

Analysis Item	Test Value	Specification	Unit	Test Standard
Purity	99.90	99.85min	%	GB/T27563-2011
Water	209	2000max	ppm	GB/T6283-2008
Color	2.8	20max	APHA	GB/T3143
Total Amines	4.5	50max	ppm	GB/T27563-2011
PH	7.38	7-10	/	GB/T27563-2011

## Inherent Parameter

<b>Molecular Formula</b>	C <sub>5</sub> H <sub>9</sub> NO	<b>Molecular Weight</b>	99.13
Proportion	1.028-1.037	Viscosity	1.65cp (0°C)
Boiling Point	202-204°C	Melting Point	-24.4°C
Heat Capacity	0.9908Kcal/kg	Refractive Index	1.468-1.472

<b>Testing Device</b>	PE5300DV Inductively Coupled Plasma Spectrometer		
<b>Test Method</b>	JY/T015-1996 Inductively Coupled Plasma Atomic Emission Spectrometer		
<b>Conclusion</b>	Qualified		
<b>QC</b>	Ningning Meng	<b>Test Date</b>	2022.07.01



## Quality Inspection Seal