

Certificate of Analysis (COA)



Certificate of Analysis (Electronic Grade)

Product Name	N-Methyl-Pyrrolidone
CAS NO.	872-50-4
Packing	ISO TANK
MFD	2022.07.01
EXP	2023.06.30
Lot No.	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

Molecular Formula	C ₅ H ₉ NO	Molecular Weight	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

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



Quality Inspection Seal