



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	11118 - N-Methyl-2-Pyrrolidone (NMP) extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [872-50-4]
Batch No	7961725
Analysis Date	09-Aug-2023
Date of Manufacture	August 2023
Expiry Date/Re-Test Date	August 2028
Molecular Formula	C5H9NO
Molecular Weight	99.13

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 50	Passes
Assay (GC)	min. 99.5%	99.91%
Miscibility with water	Miscible	Miscible
Miscibility	With alcohol is clear	Clear
Density (g/ml) @ 20°C	1.029-1.033	1.029
Refractive Index (20°C)	1.470-1.472	1.470
Boiling Range	202-204°C	Passes
Free amines(as CH ₃ NH ₂)	max. 0.01%	Passes
Chloride (Cl)	max. 0.0001%	Passes
Non Volatile Matter	max. 0.001%	0.0005%
Water (KF)	max. 0.05%	0.05%

FRM/82/11/2/11118 Rev No. 2 Date 17/04/2019

Prepared by **Udit**

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

This COA has been generated electronically and it is valid without signature.

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)