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Certificate of Analysis

Product **10331 - N-Methyl-2-Pyrrolidone (NMP) for HPLC, 99.5%
- [872-50-4]**

Batch No **9043283**

Analysis Date 22-Aug-2022

Date of Manufacture August 2022

Expiry Date/Re-Test Date August 2027

Molecular Formula C5H9NO

Molecular Weight 99.13

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Assay (GC)	min. 99.5%	99.92%
Density (g/ml) @ 20°C	1.029-1.031	1.029
Refractive Index (20°C)	1.470-1.471	1.470
Boiling Range	201-202°C	Passes
Non Volatile Matter	max. 0.0005%	0.0005%
Water (KF)	max. 0.05%	0.05%
%T (Transmission) in a 1cm cell v/s H2O		.
@285nm	≥10	47
@300nm	≥30	71
@325nm	≥80	90
@350nm	≥94	96
@400nm	≥98	99

FRM/82/11/2/10331 Rev No. 1 Date 01/11/2015

Prepared by **Rajashri**

In compliance with the standard specifications of SRL

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

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