

# CEFA-CILINAS BIOTICS PVT LTD

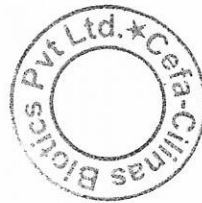
PLOT NO. W-8, CHIKALTHANA MIDC, AURANGABAD -431001, MH INDIA.

25.01.2024

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>1-Butyl Pyrrolidone</b>		
CAS No.	3470-98-2	HS Code	2933790090
Batch No.	CEFA-1BLPRLDE-20240001		

Sr No	Item	Specifications	Results
1	Colour, Appearance	Colourless and transparent oily liquid	Complies
2	Solubility	Soluble in water, 1000 g/L at 20°C, and slightly soluble in Chloroform.	Complies
3	Boiling Point	137°C / 28 mmHg	Complies
4	Density	0.96 g/cm <sup>3</sup>	Complies
5	Vapour Pressure	13 Pa at 25°C	Complies
6	Refractive Index	1.4640 - 1.4660	1.4654%
7	Purity by GC	NLT 99.5%	99.65%
8	Moisture	NMT 0.2%	0.024%
9	Colour (HAZEN)	NMT 25	18
10	Storage	Preserve in a tightly closed container and protected from light under inert gas (Nitrogen or Argon) at 2-8°C	Complies
11	Conclusion	The Material complies as per the above specifications	



Mr Sharad R Ahire  
Dept of Quality Control (QC)