

# CEFA-CILINAS BIOTICS PVT LTD

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

25.01.2024

## CERTIFICATE OF ANALYSIS

Product Name	4-Bromobenzonitrile		
CAS No.	623-00-7	HS Code	29269000
Batch No.	CEFA-4BRBN-20240001		

Sr No	Item	Specifications	Results
1	Description	Pale yellow to off-white powder	Complies
2	Solubility	Soluble in Methanol	Complies
3	Melting Range	110 - 113°C	Complies
4	Purity by GC	NLT 98.00%	99.95%
5	Moisture	NMT 0.50%	0.23%
6	Identification by GC	The retention time of the principle peak in the sample preparation should correspond with the retention time of the principal peak in the standard preparation for purity by GC	Complies
7	<b>Related Substance by GC :</b>		
1	4-Chlorobenzonitrile	NMT 0.10%	Complies
2	2-Bromobenzonitrile	NMT 0.10%	Complies
3	3-Bromobenzonitrile	NMT 0.10%	Complies
4	Benzonitrile	NMT 0.10%	Complies
5	Impurity at RRT 1.17	NMT 1.0%	Complies
6	Any single impurity	NMT 0.10%	Complies
7	Total Impurities	NMT 2.0%	Complies



  
Mr Sharad R Ahire  
Dept of Quality Control (QC)