

# CEFA-CILINAS BIOTICS PVT LTD

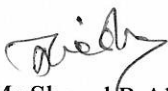
PLOT NO. W-8, CHIKALTHANA MIDC, AURANGABAD -431001, MH INDIA.

26.01.2024

## CERTIFICATE OF ANALYSIS

Product Name	4-Bromomethyl-2-Cynobiphenyl (Bromo OTBN)		
CAS No.	114772-54-2	HS Code	29269000
Batch No.	CEFA-BrOTBN-20240001		

Sr No	Item	Specifications	Results
1	Appearance	An off-white to cream colour powder	Off white coloured powder
2	Identification test by HPLC	The retention time of the major peak in the chromatogram of the sample preparation corresponds to that in the chromatogram of the standard preparation as obtained in the chromatographic purity by HPLC	Complies
3	Melting Point	125°C to 128°C	125°C to 127°C
4	Loss on Drying	NMT 0.5% w/w	0.28%
5	Assay (on dried basis)	99 - 102%	99.81%%
6	<b>Chromatic Purity by HPLC:</b>		
	Purity	NLT 99.00%	99.55
	2-Cyno-4-'Hydroxymethyl Biphenyl	NMT 0.5%	Not Detected
	4-'(Methoxymethyl) Biphenyl carbonitrile	NMT 0.5%	Not Detected
	2-Cyano-4-Methyl biphenyl	NMT 0.5%	0.12%
	2-Cyano-4-Dibromo Methyl biphenyl	NMT 0.5%	0.26%
	Single Individual Impurity	NMT 0.5%	0.07%
	Total Impurities	NMT 1.0%	0.45%

  
Mr Sharad R Ahire  
Dept of Quality Control

