

# CEFA-CILINAS BIOTICS PVT LTD

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

19.01.2024

## CERTIFICATE OF ANALYSIS

Product Name	TTBB (N-(triphenylmethyl)-5-(4'-bromomethyl biphenyl-2-yl)-terazole)		
CAS No.	124750-51-2	HS Code	29339900
Batch No	CEFA-TTBB-20240001		

Sr No	Item	Specifications	Results
1	Description	White to Cream coloured powder	White to Cream coloured powder
2	<b>Identification</b>		
A	By HPLC	The retention time of the major peak in the sample should match with that obtained with reference standard	Complies
3	Solubility	Soluble in Dimethyl formamide	Complies
4	Water Content by KFR	NMT 0.50% w/w	0.31%
5	Chromatographic Purity by HPLC	NLT 96.00%	96.33%
6	<b>Related Compounds by HPLC</b>		
A	2-(N-Triphenylmethyl tetrazole)-4-Methyl phenyl (TTBB)	NMT 4.0%	1.92%
B	2-(N-Triphenylmethyl tetrazole)-4'4'-Dibromobiphenyl (Dibromo)	NMT 3.0%	1.54%
C	Any Major Individual Impurity	NMT 0.10%	0.07%
D	Total Impurities	NMT 4.0%	3.67%

**Remark:** The above product specification as per the Enterprise standards.



  
Mr Sharad R Ahire  
Dept of Quality Control (QC)