



INNOVA PHARMACTIVE PVT. LTD.
NS-13-16, NAGPUR INDUSTRIAL ESTATE CO-OP SOCIETY LTD,
UPPALWADI, NAGPUR 440026.(INDIA)
CIN No.: U24100MH2010PTC204654 Email ID: innovapharmactive@gmail.com

CERTIFICATE OF ANALYSIS

Product Name : THIAMAZOLE EP	
Batch No.: MET22001/M	A.R. No.: QF22016
Batch Size: 60.11Kg	Date of Mfg.: NOV-2021
Date of Sampling: 05/03/2022	Date of Expiry: OCT-2025
Date of Release: 09/03/2022	Reference: IP/QCD/FPS/012

Sr.No	Test	Specification	Results
1.	Appearance	White or pale brown crystalline powder.	White crystalline powder
2.	Solubility	Freely soluble in water, Freely soluble in methylene chloride, Freely soluble or soluble in ethanol (96%).	Complies
3.	Identification Test:-		
	First identification: A, C and Second identification: A, B, D		
	A. Melting point	Between 143°C and 146 °C	144°C
	B. Absorbance Ratio	Absorption maximum at 251nm to 211nm is 2.5 to 2.7	Complies
	C. Infrared Absorption	IR Spectrum of Test sample should be concordant with spectrum obtained with working standard	Complies
	D. Thin layer Chromatography	The principal spot in chromatograph obtained with the test solution is similar in position and size to principal spot in the chromatogram obtained with reference solution (a)	NA
4.	Appearance of solution	The resulting solution is clear and not more intensely colored than reference solution B6	Complies
5.	Related substance By GC:		
	Impurity A	Not More Than 0.1%	ND
	Impurity B	Not More Than 0.1%	ND
	Impurity C	Not More Than 0.1%	ND
	Any Other Impurity	Not More Than 0.1%	ND
	Total impurities	Not More Than 0.5%	ND
6.	Loss on drying	Not more than 0.5%	0.21%
7.	Sulfated Ash	Not more than 0.1%	0.02%
8.	Assay (By Potentiometrically)	98.0% to 101.0% (dried substance)	100.1%
9.	Additional test :-		
	• Residual solvent		
	Methanol	NMT 3000ppm	ND
	Acetone	NMT 5000ppm	133ppm
	• Mesh size test	100 % material passes through 60#	Complies

ISSUED
QA Signy
Date 10/03/2022

Remarks: The above sample complies / does not comply to the prescribed standards of quality in respect of above tests as per EP 10.0.

Signature and Date	Prepared By: <i>Kanika Dhabele</i> 10/03/2022	Reviewed By: <i>I. Ahmad</i> 10/03/2022	Approved By: <i>Smriti Choudhary</i> 10/03/2022
Name	Kanika Dhabele	I. Ahmad	Smriti Choudhary
Designation	Officer IPQA	Dy. manager (QC)	Dy. Manager (QA)

Quality Assurance Department

IP/QAD/SOP/052/F01/01

