



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: METHIMAZOLE	Grade: USP
Batch No: MET25034/M	A.R. No: QF25135
Batch Size: 50.23 Kg	Date of Mfg: OCT-2025
Date of Sampling: 03/11/2025	Date of Expiry: SEP-2029
Date of Testing: 09/11/2025	Date of Release: 10/11/2025
Reference Specification No: IP/QCD/FPS/003	

PHARMACOEPEIAL STANDARD

Sr.No	Test	Specification	Results
1.	Description	White to pale buff crystalline powder, having a faint characteristic odor.	White Crystalline Powder.
2.	Solubility	Its solutions are practically neutral to litmus Freely soluble in water, in alcohol (96% ethanol) and in chloroform, slightly soluble in ether.	Complies
3.	Identification : Spectroscopic Identification Test:		
	A) Infrared Spectroscopy	IR Spectrum of Test sample should be concordant with the reference spectrum of the Methimazole WS	Complies
4.	Loss on drying	Not More Than 0.5%	0.20%
5.	Impurities: Residue on ignition	Not More Than 0.1%	0.02%
6.	Assay (By Potentiometer)	Not less than 98.0% and Not More Than 101.0% of Methimazole, Calculated on dried basis	99.5%

IN-HOUSE STANDARD

7.	• Organic impurities by GC		
	A. Methimazole related compound A	Not More Than 0.1%	ND
	B. 1-Methylimidazole	Not More Than 0.1%	ND
	C. Methimazole related compound C	Not More Than 0.1%	ND
	D. Any Other Individual Impurity	Not More Than 0.1%	ND
	E. Total impurities	Not More Than 0.5%	ND
	• Residual solvent		
	Methanol	Not More Than 3000ppm	ND
	Acetone	Not More Than 5000ppm	271 ppm
	• Mesh size test	100% Material passes through 60#	Complies

Note: ND-Not Detected, NA-Not Applicable

Remarks: The above product complies/does not comply with prescribed Pharmacopeia (USP 2025) as well as In-house standard.

Sign and Date	Prepared By:	Reviewed By:	Approved By:
	<i>P. [Signature]</i> 10/11/2025	<i>[Signature]</i> 10/11/2025	<i>[Signature]</i> 10/11/2025
Name	Bhishma Chandeshwar	Jyoti Wankhede	MARY THOMAS
Designation	TRN OFFICER	QA Manager	MANAGER QA

ISSUED

QA Sign *[Signature]*

Date 10/11/2025

Quality Assurance Department

IP/QAD/SOP/052/F01.02