

WRS
M2-3

INDIA LTD.

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STANDARD CERTIFICATE OF ANALYSIS METRONIDAZOLE BP

Batch No.:	MET/150802		
Quantity:	1.0 gm		
Date of Manufacture:	AUG - 2015	Date of Analysis:	14.12.2015
Date of Expiry:	JUL - 2020	Use Before	13.12.2016

Sl. No	Test	Result	Specification
01.	Appearance	White crystalline powder.	White or yellowish, crystalline powder.
02.	Solubility	Complies	Slightly soluble in water, in acetone, in alcohol and in methylene chloride.
03.	Identification: C ₁ by IR	Complies	Spectrum of sample must be concordant with Tinidazole working standard.
04.	Appearance of solution	Complies	The solution is not more opalescent than reference suspension II and not more intensely colored than reference solution GY ₅ .
05.	Related Substances. (By HPLC)		
	Any impurity	Not detected	Not more than 0.1%
	Total impurities	0.28%	Not more than 0.2%
06.	Heavy metals	Less than 20 ppm	Not more than 20 ppm
07.	Loss on drying (at 105°C)	0.12%	Not more than 0.5%
08.	Sulphated ash	0.03%	Not more than 0.1%
09.	Assay (on dried basis)	99.0% to 101.0% w/w	99.86%

Assay on AS IS BASIS

99.74%

Conclusion: The material as above complies with the BP Specification.

	Prepared By	Checked By	Approved By
Name	A. J. [Signature]	B. [Signature]	K. Naveen
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