



Vital Laboratories Private Limited

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CERTIFICATE OF ANALYSIS

YOHIMBINE HYDROCHLORIDE EP/BP

License No.	: G/1664	A. R. No.	: AYMB/004/15
Batch No.	: YMB1511004	Mfg. Date	: Nov. - 2015
Batch Size	: 12.00 Kgs.	Exp. Date	: Oct. - 2020
Date of Receipt	: 09/11/2015	Date of Report	: 11/11/2015

Sr. No	Test	Result	Standard
1.	Description	White crystalline powder	White or slightly yellowish, crystalline powder.
2.	Solubility	Complies	Sparingly soluble in water, practically insoluble in ethanol (96%) and in methylene chloride.
3.	Identification	Complies Complies	(A) By IR Spectrophotometry (B) It gives reaction (a) of chloride.
4.	Specific Optical Rotation	+102.99°	+101.0° to +105.0° (On dried substance)
5.	pH (1% solution in water)	5.06	3.5 to 5.5
6.	Related substances (by HPLC)	0.94% 0.03% Not detected 0.96 %	Sum of imp. A & G, NMT. 1.0 % Imp. F, NMT. 0.4 % Unspecified impurities, NMT. 0.1 % Total Impurities, NMT. 2.0 %
7.	Assay (by HPLC)	99.81%	97.0 % to 102.0 % (On dried substance)
8.	Loss on drying	0.32%	NMT. 0.5 % w/w
9.	Sulphated ash	0.05%	NMT. 0.1 % w/w

ADDITIONAL TEST

10.	Residual Solvents (by head space GC) Methanol Dichloromethane Chloroform Toluene	57 ppm 42 ppm Not detected 1 ppm	NMT. 3000 ppm NMT. 600 ppm NMT. 60 ppm NMT. 890 ppm
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Remark: The sample Complies / Does not comply with prescribed standard of quality as per EP.8.0/BP-2013 specification & additional test.

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