



Vital Laboratories
Private Limited

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CERTIFICATE OF ANALYSIS

YOHIMBINE HYDROCHLORIDE EP/BP

License No.	: G/1664	A. R. No.	: AYMB/010/11
Batch No.	: YMB1108009	Mfg. Date	: Aug. - 2011
Batch Size	: 6.00 Kgs.	Exp. Date	: Jul. - 2016
Date of Receipt	: 27/08/2011	Date of Report	: 28/08/2011

Sr. No	Test	Result	Standard
1.	Description	Slightly yellowish 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	+103.33°	+101.0° to +105.0° (On dried substance)
5.	pH (1% solution in water)	4.89	3.5 to 5.5
6.	Related substances (by HPLC)	0.61 % Not detected Not detected 0.61 %	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)	98.57 %	97.0 % to 102.0 % (On dried substance)
8.	Loss on drying	0.39%	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 Benzene	40.6 ppm 13.6 ppm 3.9 ppm 0.2 ppm Not detected	NMT. 3000 ppm NMT. 600 ppm NMT. 60 ppm NMT. 890 ppm NMT. 2 ppm
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Remark: The sample Complies / Does not comply with prescribed standard of quality as per EP.6.0/BP-2009 specification & additional test.

Generated by Q.C. Executive	Checked by Q.C. Head	Approved by Q.A. Head
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