VISHATINDUK VATI

Monograph No. – 0500594 *ver 3.0*

Issue No: 03 | Amendment No : 01

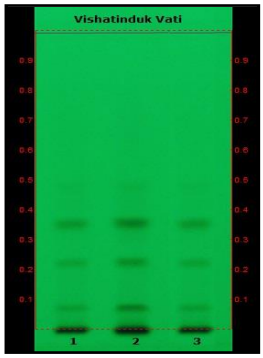
Date of Issue: 27/07/2017 | Amendment Date : 28/01/2025

Text Reference : Bhavaprakash Nighantu, Amradiphala varga | Shelf Life: 3 years

Description	Silver colour Round biconvex coated tablet
Loss on Drying at 105^0	Not more than 6 % w/w
Friability	Not more than 1 % w/w
Disintegration Time	Not more than 60 min.
Hardness	Not less than 2 kg/cm^2
Thickness	3.5 mm $\pm$ 0.5 mm
Diameter	6.0 mm $\pm$ 0.5 mm
Average Weight	95.40 mg $\pm$ 7.5 %
Uniformity of weight	Not more than 2 tablets deviate by more than 7.5% of the average weight and none by more than 15% of the average weight.
Ash	Not more than 35 % w/w
Acid insoluble ash	Not more than 10 % w/w
Water soluble extractive	Not less than 30 % w/w
Alcohol soluble extractive	Not less than 10 % w/w
Thin Layer Chromatography Solvent system	Toluene : Ethyl acetate : Diethylamine (7 : 2 : 1)



Details



Solvent of Extraction – Methanol

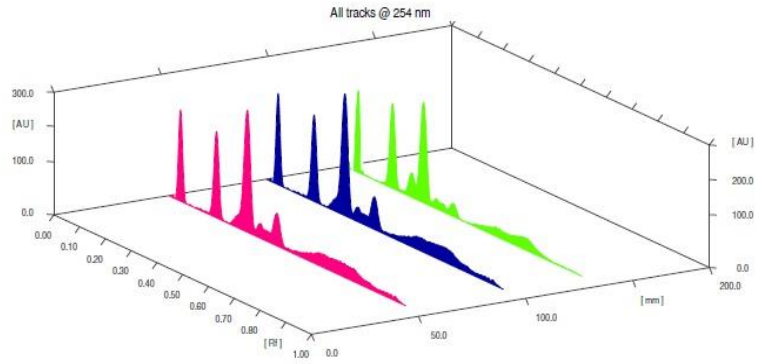
Distance traveled by solvent front – 90 mm

Total No. of Major spots – 4

Visualization – Under UV at 254 nm

Major Spots	Colour	Approx. Rf.
1	Gray	0.07
2	Gray	0.21
3	Gray	0.33
4	Light Gray	0.48

Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

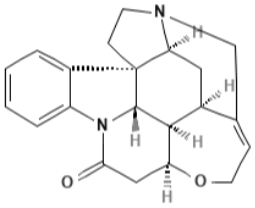


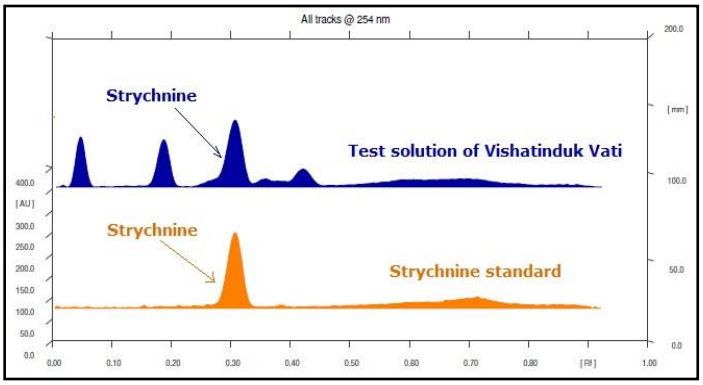
3D Peak Display of Vishatinduk Vati at 254 nm

HPTLC Profile[+]

i) Strychnine

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 254 nm corresponding with Strychnine standard.





Heavy metal

Lead (Pb)	Not more than 10 ppm
Mercury (Hg)	Not more than 1 ppm
Arsenic (As)	Not more than 3 ppm
Cadmium (Cd)	Not more than 0.3 ppm
E. coli	Absent/g
P. aeruginosa	Absent/g
Salmonella sp.	Absent/g
Staphylococcus sp.	Absent/g
Total Microbial plate count (TPC)	Not more than 10^5 c.f.u./g
Total Yeast & Mould count (TYMC)	Not more than 10^3 c.f.u./g
Pesticide Residue [+] **(OC+OP)**	Complies as per API
Aflatoxins B1,B2,G1,G2 [+]	Complies as per API

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