

VIMLIV FORTIFIED TABLET

Monograph No. – 070252 ver 3.0

Issue No: 03

Date of Issue: 28/10/2016

Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 00

Amendment Date : --

Shelf Life: 3 years

Description

Green coloured, round biconvex film coated tablets.

Loss on Drying at 105°

Not more than 6 % w/w

Hardness

Not less than 2.5 kg/cm²

Thickness

6.5 ± 0.5 mm

Diameter

12.0 - 12.5 mm

Disintegration Time

Not more than 60 min.

Average weight

702 mg ± 5%

Uniformity of weight on 20 tablets

Not more than 2 tablets deviate by more than 5 % of the average weight and none by more than 10 % of the average weight

Ash

Not more than 26 % w/w

Acid insoluble ash

Not more than 13 % w/w

Water soluble extractive

Not less than 20 % w/w

Alcohol soluble extractive

Not less than 8.5 % w/w

Thin Layer Chromatography

Mobile Phase

Chloroform : Methanol
(7 : 1)

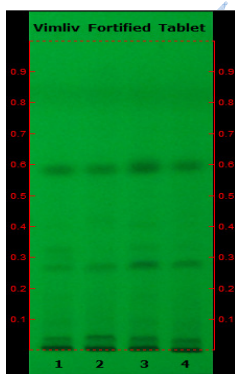
Details

Solvent of Extraction – Methanol

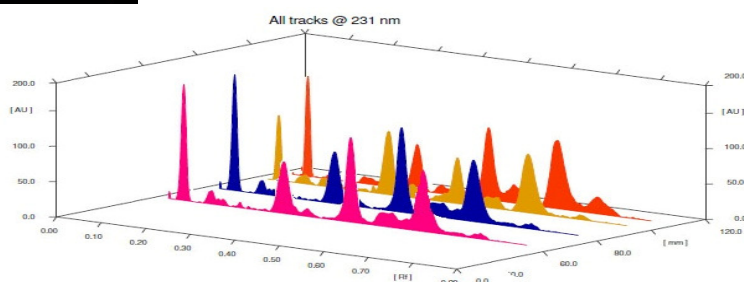
Solvent front – 90 mm

Total No. of Major spots – 5

Detection – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Gray	0.04
2	Light Gray	0.26
3	Light Gray	0.32
4	Light Gray	0.41
5	Gray	0.58



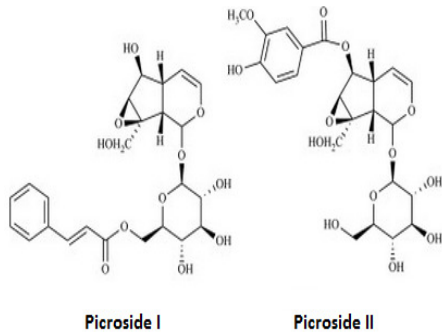
3D Peak Display of Vimliv Fortified Tablet at 231 nm

Confidential – photocopy prohibited

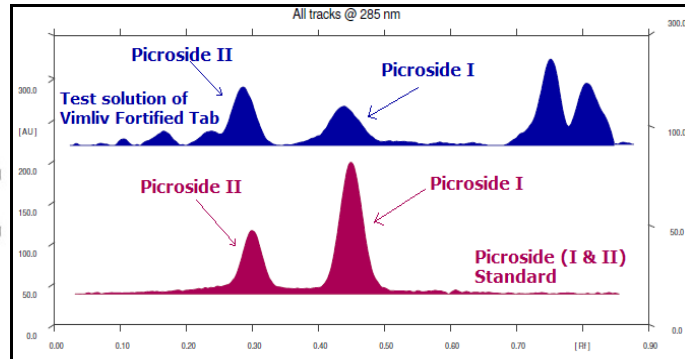
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile

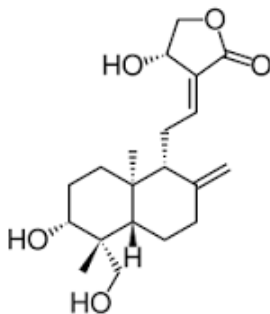
i) Kutkin (Picroside I & II)



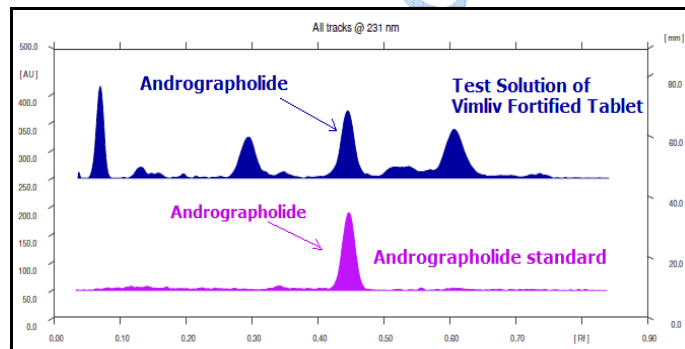
When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 285 nm for Picroside I & 297 nm for Picroside II corresponding with Picroside I & Picroside II standard.



ii) Andrographolide



When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 231 nm for Andrographolide corresponding with Andrographolide standard.



Heavy metal

Lead (Pb)	NMT 10 ppm
Mercury (Hg)	NMT 1 ppm
Arsenic (As)	NMT 3 ppm
Cadmium (Cd)	NMT 0.3 ppm
E. coli ⁺	Absent/g
P. aeruginosa ⁺	Absent/g
Salmonella sp. ⁺	Absent/g
Staphylococcus sp. ⁺	Absent/g
Total Microbial plate count (TPC) ⁺	NMT 10 ⁵ c.f.u./g
Total Yeast & Mould count⁺	NMT 10 ³ c.f.u./g
Pesticide Residue ⁺ (OC+OP)	Complies as per API
Aflatoxins B1,B2,G1,G2 ⁺	Complies as per API