

LAGHUMALINI VASANT

Monograph No. – 0500064 ver 3.0

Issue No: 03

Date of Issue: 27/07/2017

Text Reference : Bharat Bhaishajya Ratnakar 4/6972

Amendment No : 02

Amendment Date : 15/07/2024

Shelf Life: 5 years

Description

Gray to Greenish Gray colour, round biconvex coated tablet having SDL mark on one side.

Loss on Drying at 105°

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/cm²

Thickness

4.0 ± 0.5 mm

Diameter

8.0 ± 0.5 mm

Average Weight

308 mg ± 5 %

Uniformity of weight

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 60 % w/w

Acid insoluble ash

Not more than 15 % w/w

Water soluble extractive

Not less than 10 % w/w

Alcohol soluble extractive

Not less than 10 % w/w

pH (1 % Aq. Solution)

7.0 - 8.5

Elemental Assay

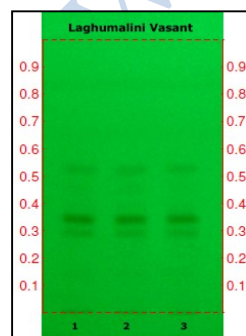
Zinc (Zn)

Not less than 75 mg/tablet

Thin Layer Chromatography Solvent system

Toluene : Ethyl acetate
(7 : 3)

Details



Solvent of Extraction – Methanol

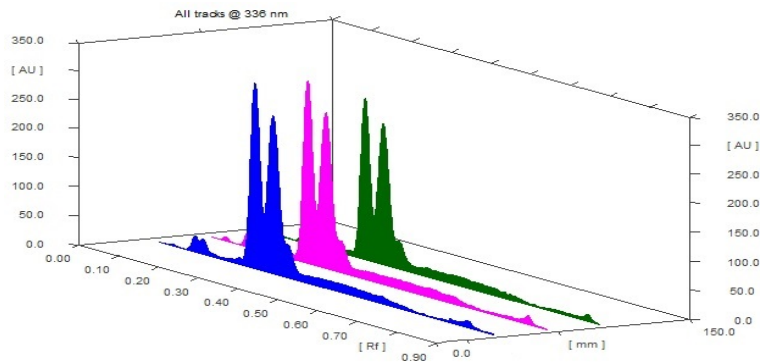
Distance traveled by solvent front – 90 mm

Total No. of Major spots – 3

Visualization – Under UV at 254 nm

Major Spots	Colour	Approx. Rf.
1	Light Gray	0.29
2	Gray	0.35
3	Light Gray	0.53



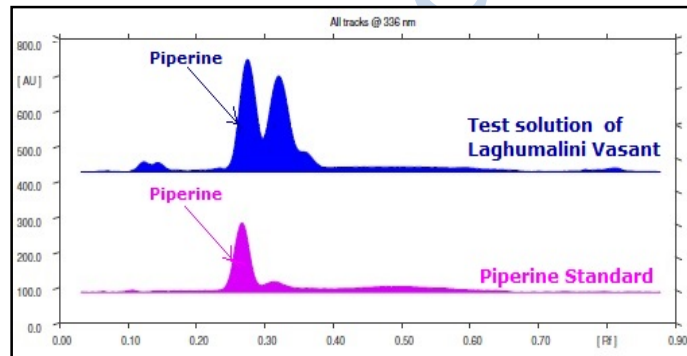
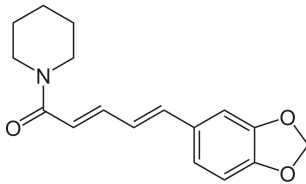


3D Peak Display of Laghumalini Vasant at 336 nm

HPTLC Profile[†]

i) Piperine

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 336 nm corresponding with piperine standard.



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