

## 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 : 01

Amendment Date : 23/04/2022

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/cm<sup>2</sup>

**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/tab

**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.

**Thin Layer Chromatography Solvent system**

Toluene : Ethyl acetate  
( 7 : 3 )

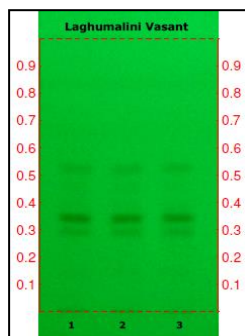
**Details**

Solvent of Extraction – Methanol

Distance traveled by solvent front – 90 mm

Total No. of Major spots – 3

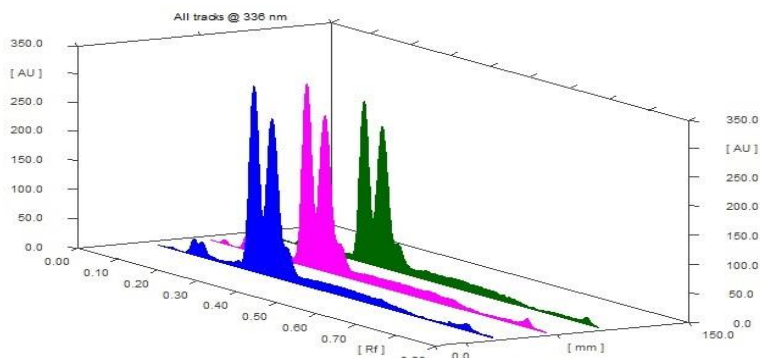
Detection – Under UV at 254 mn



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

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

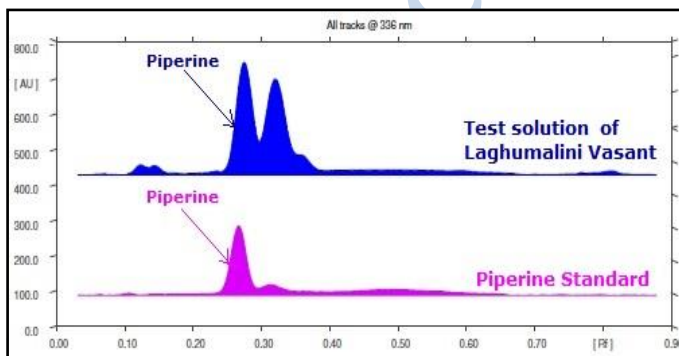
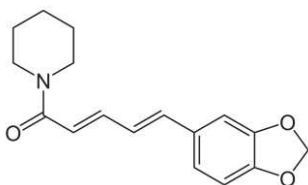


**3D Peak Display of Laghumalini Vasant at 336 nm**

### HPTLC Profile<sup>†</sup>

#### 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.



<b>E. coli</b>	Absent/g
<b>P. aeruginosa</b>	Absent/g
<b>Salmonella sp.</b>	Absent/g
<b>Staphylococcus sp.</b>	Absent/g
<b>Total Microbial plate count (TPC)</b>	NMT 10 <sup>5</sup> c.f.u./g
<b>Total Yeast &amp; Mould count (TYMC)</b>	NMT 10 <sup>3</sup> c.f.u./g
<b>Pesticide Residue<sup>†</sup> (OC+OP)</b>	Complies as per API
<b>Aflatoxins B1,B2,G1,G2<sup>†</sup></b>	Complies as per API

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