

## AVIPATTIKAR CHOORNA VATI

**Monograph No. – 0300054 ver 3.0**

Issue No: 03

Date of Issue: 28/03/2017

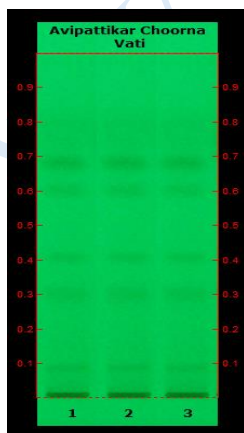
Text Reference : Bhaishajya Ratnavali (Amlapitta) 56/25-29

Amendment No : 01

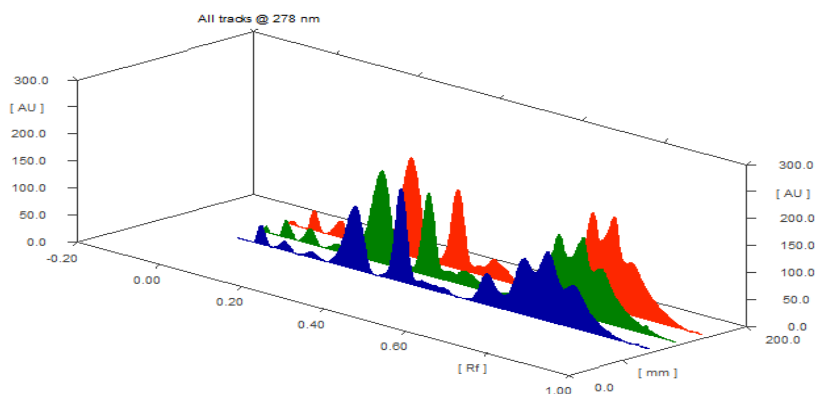
Amendment Date : 18/12/2024

Shelf Life: 3 years

<b>Description</b>	Creamish brown coloured round Biconvex coated tablets.	
<b>Loss on Drying at 105°</b>	Not more than 7 % w/w	
<b>Friability</b>	Not more than 1 % w/w	
<b>Disintegration Time</b>	Not more than 60 min.	
<b>Hardness</b>	Not less than 2.0 kg/cm <sup>2</sup>	
<b>Thickness</b>	5.5 ± 0.5 mm	
<b>Diameter</b>	12.0 - 12.5 mm	
<b>Average Weight</b>	660 mg ± 5%	
<b>Uniformity of weight</b>	Not more than 2 tablets deviate by more than 5% of the average weight and none by more than 10% of the average weight.	
<b>Ash</b>	Not more than 12 % w/w	
<b>Acid insoluble ash</b>	Not more than 5 % w/w	
<b>Water soluble extractive</b>	Not less than 35 % w/w	
<b>Alcohol soluble extractive</b>	Not less than 25 % w/w	
<b>Thin Layer Chromatography</b>		
<b>Solvent system</b>	Chloroform : Ethyl acetate : Formic acid ( 5 : 4 : 1.6 )	
<b>Details</b>	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	Light Gray	0.08
2	Light Gray	0.30
3	Light Gray	0.40
4	Light Gray	0.60
5	Light Gray	0.68

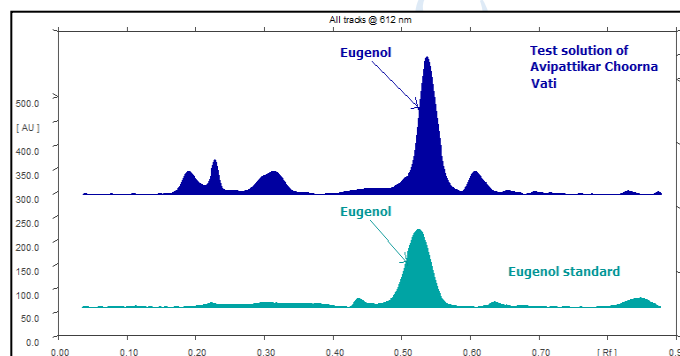
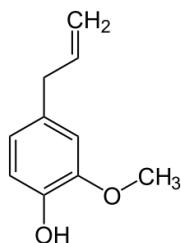


**3D Peak Display of Avipattikar Choorna Vati at 278 nm**

## HPTLC Profile<sup>†</sup>

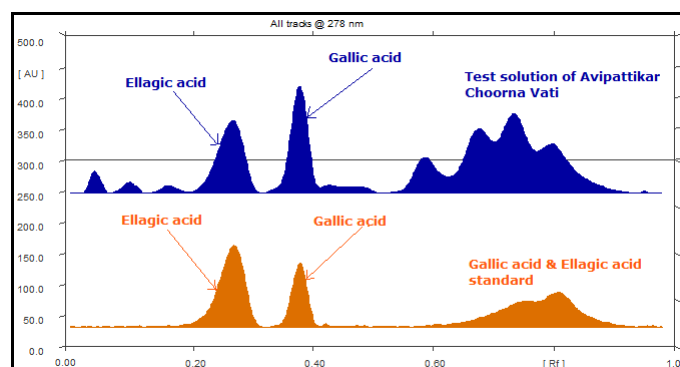
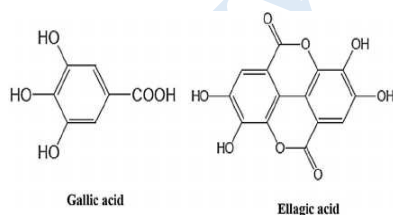
### i) Eugenol

When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 612 nm corresponding with Eugenol standard.



### ii) Total Polyphenols (as Gallic acid & Ellagic acid)

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 290 nm for Gallic acid & 278 nm for Ellagic acid corresponding with Gallic acid & Ellagic acid standard.



## Heavy metal

<b>Lead (Pb)</b>	Not more than 10 ppm
<b>Mercury (Hg)</b>	Not more than 1 ppm
<b>Arsenic (As)</b>	Not more than 3 ppm
<b>Cadmium (Cd)</b>	Not more than 0.3 ppm

<b><i>E. coli</i></b>	Absent/g
<b><i>P. aeruginosa</i></b>	Absent/g
<b><i>Salmonella sp.</i></b>	Absent/g
<b><i>Staphylococcus sp.</i></b>	Absent/g
<b>Total Microbial plate count (TPC)</b>	Not more than 10 <sup>5</sup> c.f.u./g
<b>Total Yeast &amp; Mould Count (TYMC)</b>	Not more than 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