

## HARIDRAKHANDA CHOORNA VATI

**Monograph No. – 0300284 ver 3.0**

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Text Reference : Bhaishajya Ratnavali (Udardasheetapittakotha chikitsa) 55/18-22

Shelf Life: 3 years

### Description

Greenish yellow coloured round biconvex coated tablets.



### Loss on Drying at 105°

Not more than 5 % w/w

### Friability

Not more than 1 % w/w

### Disintegration Time

Not more than 60 minutes

### Hardness

Not less than 2.0 kg/cm<sup>2</sup>

### Thickness

5.5 mm +/- 0.5 mm

### Diameter

12.0 to 12.50 mm

### Average Weight

660 mg +/- 5%

### Uniformity of weight of 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 10 % w/w

### Acid insoluble ash

Not more than 3 % w/w

### Water soluble extractive

Not less than 40 % w/w

### Alcohol soluble extractive

Not less than 30 % w/w

### Thin Layer Chromatography Solvent system

Chloroform : Ethanol : Glacial acetic acid  
( 9.4 : 0.5 : 0.1 )

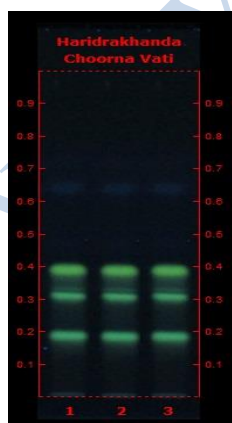
### Details

Solvent of Extraction – Methanol

Solvent front – 90 mm

Total No. of Major spots – 5

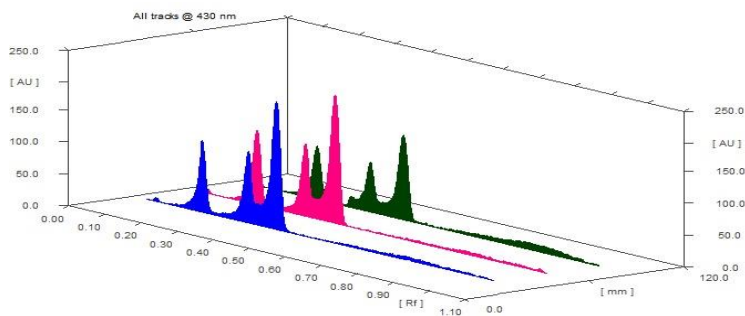
Detection – Under UV at 366 nm



Major Spots	Colour	Approx. Rf.
1	Yellow	0.19
2	Yellow	0.31
3	Light yellow	0.33
4	Yellow	0.39
5	Blue	0.64

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

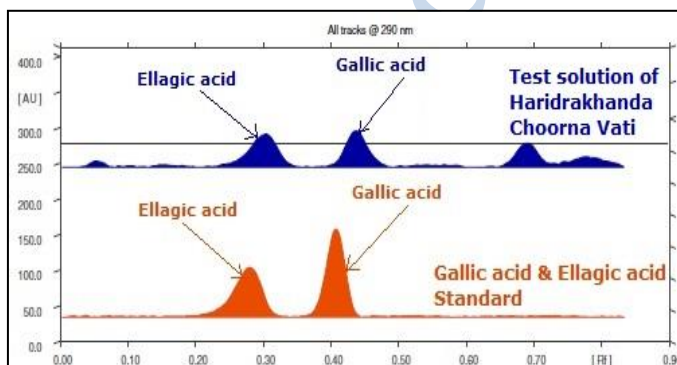
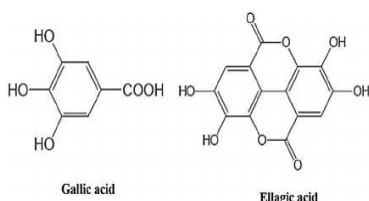


**3D Peak Display of Haridra Khanda Choorna Vati at 430 nm**

## HPTLC Profile<sup>†</sup>

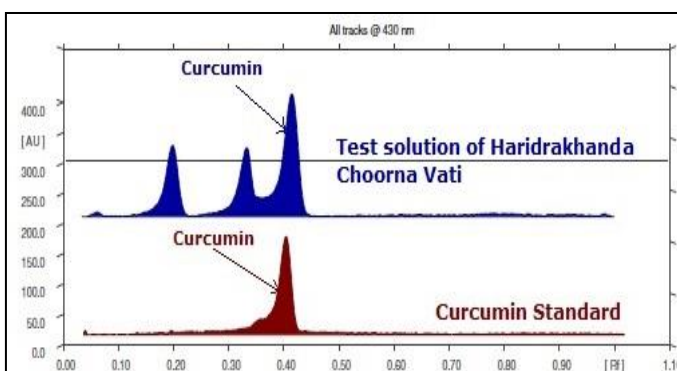
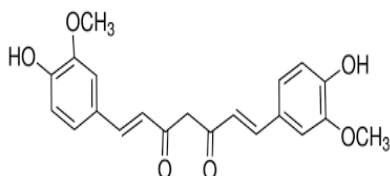
### i) Total Polyphenols (as Gallic acid & Ellagic acid)

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.



### ii) Curcumin

When examined in the range of 200 nm to 700 nm, the test solution shows absorption maxima at about 430 nm corresponding with Curcumin standard.



## Heavy metal

<b>Lead (Pb)</b>	NMT 10 ppm
<b>Mercury (Hg)</b>	NMT 1 ppm
<b>Arsenic (As)</b>	NMT 3 ppm
<b>Cadmium (Cd)</b>	NMT 0.3 ppm

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<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