

## TALEESADI CHOORNA

### Monograph No. – 030018 ver 3.0

Issue No: 03

Amendment No : 01

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Text Reference : Bhaishajya Ratnavali (Rajyakshma) 14/29-33

Shelf Life: 2 years

#### Description

Moderately fine to fine powder, Grayish white colour, odour aromatic, taste sweet and pungent.



#### Loss on Drying at 105°

Not more than 4 % w/w

#### Ash

Not more than 12 % w/w

#### Acid Insoluble Ash

Not more than 10 % w/w

#### Water Soluble Extractive

Not less than 65 % w/w

#### Alcohol Soluble Extractive

Not less than 12 % w/w

#### Bulk Density

0.50 – 0.70 g/ml

#### Thin Layer Chromatography Solvent system

Toluene : Ethyl acetate  
( 7 : 3 )

#### Details

Solvent of Extraction – Methanol

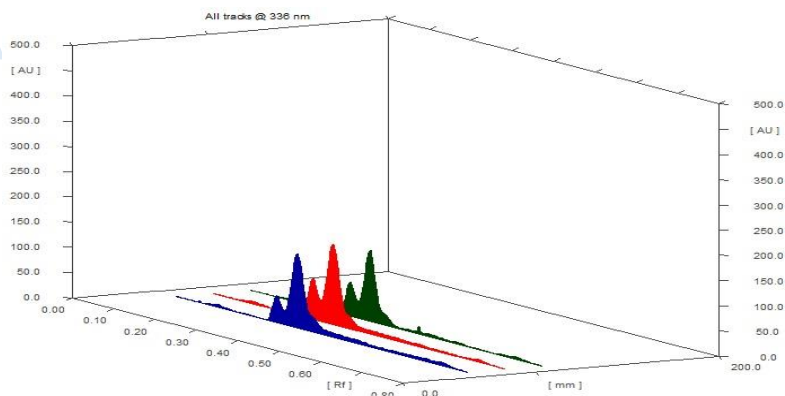
Solvent front – 90 mm

Total No. of Major spots – 2

Detection – Under UV at 366 nm



Major Spots	Colour	Approx. Rf.
1	Light Blue	0.29
2	Light Blue	0.34



**3D Peak Display of Taleesadi Choorana at 336 nm**

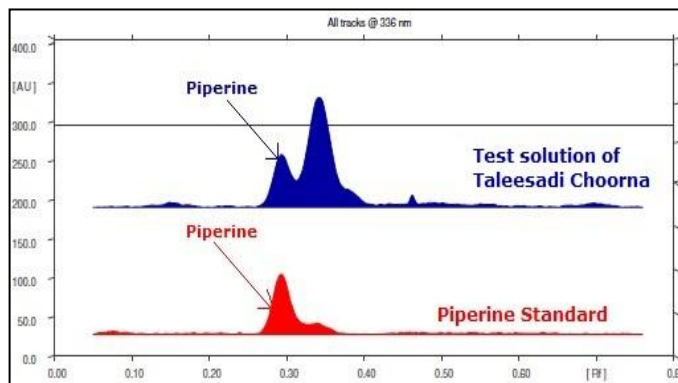
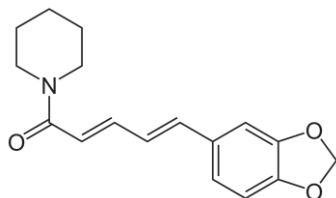
**Confidential - photocopy prohibited**

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

## HPTLC Profile<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.



## 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
<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>	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