

## SWADISHTA VIRECHAN CHOORNA

Monograph No. – 030062 ver 3.0

Issue No: 03

Amendment No : 01

Date of Issue: 01/06/2018

Amendment Date : 16/12/2024

Text Reference : Rasatantrasar and siddhaprayogasangrah 1

Shelf Life: 2 year

### Description

Light green coloured fine powder, taste slightly sweet, odour characteristic.

### Loss on Drying at 105°

Not more than 6 % w/w

### Ash

Not more than 10 % w/w

### Acid Insoluble Ash

Not more than 2 % w/w

### Water Soluble Extractive

Not less than 35 % w/w

### Alcohol Soluble Extractive

Not less than 15 % w/w

### Bulk Density

0.4 - 0.7 g/ml

### Thin Layer Chromatography

### Solvent system

Toluene : Ethyl acetate  
( 9.5 : 0.5 )

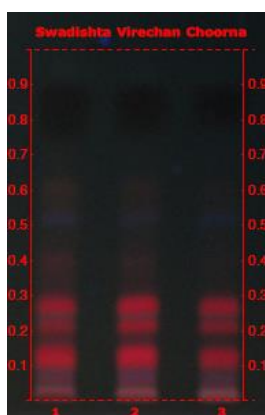
### Details

Solvent of Extraction – Dichloromethane (Evaporate) + Toluene

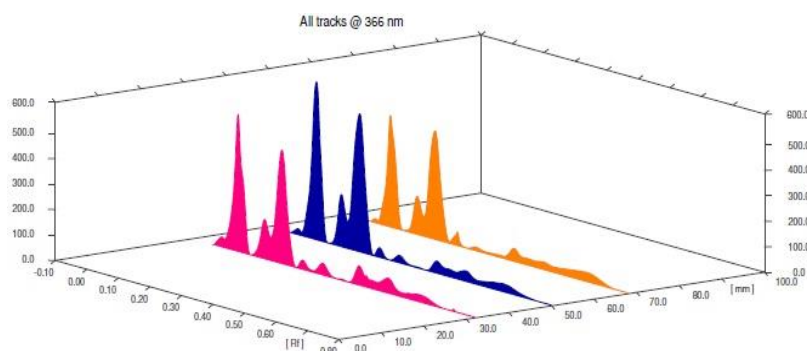
Solvent front – 90 mm

Total No. of Major spots – 6

Detection – Under UV at 366 nm



Major Spots	Colour	Approx. Rf.
1	Red	0.11
2	Red	0.19
3	Red	0.26
4	Light red	0.36
5	Light Blue	0.47
6	Light red	0.55



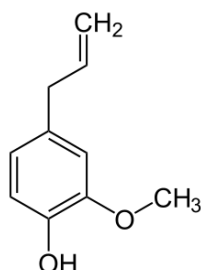
3D Peak Display of Swadishta Virechan Choorana at 366nm

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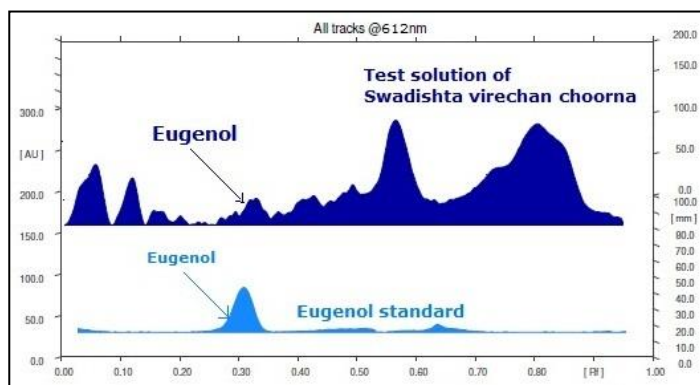
Note : <sup>†</sup> : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

## 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.



## Heavy metal

**Lead (Pb)**

NMT 10 ppm

**Mercury (Hg)**

NMT 1 ppm

**Arsenic (As)**

NMT 3 ppm

**Cadmium (Cd)**

NMT 0.3 ppm

***E. coli***

Absent/g

***P. aeruginosa***

Absent/g

***Salmonella sp.***

Absent/g

***Staphylococcus sp.***

Absent/g

**Total Microbial plate count (TPC)**

NMT 10<sup>5</sup> c.f.u./g

**Total Yeast & Mould count (TYMC)**

NMT 10<sup>3</sup> c.f.u./g

**Pesticide Residue<sup>†</sup> (OC+OP)**

Complies as per API

**Aflatoxins B1,B2,G1,G2<sup>†</sup>**

Complies as per API