

SWADISHTA VIRECHAN CHOORNA

Monograph No. – 030062 ver.03

Issue No: 03

Amendment No : 00

Date of Issue: 01/06/2018

Amendment Date : --

Text Reference : Rasatantrasar and siddhaprayogsangrah 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

Thin Layer Chromatography Solvent system

Toluene : Ethyle acetate
(9.5 : 0.5)



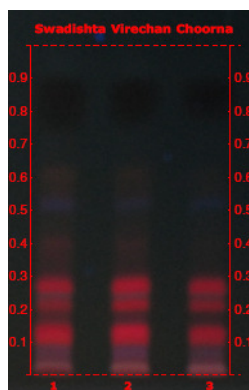
Details

Solvent of Extraction – Dichloromethane (Evaporate) + Toluene

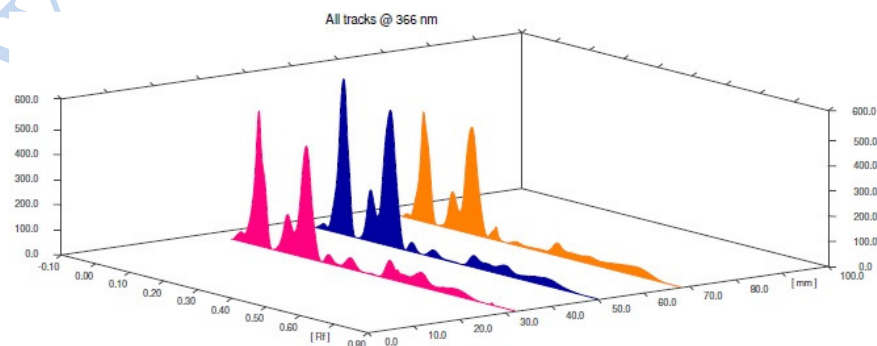
Solvent front – 90 mm

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 Virchan Choorina at 366nm

Confidential - photocopy prohibited

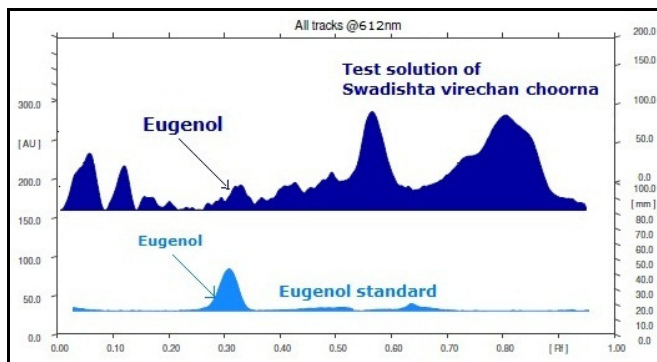
Note : [†] : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile +

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 10^5 c.f.u./g

Total Yeast & Mould count⁺

NMT 10^3 c.f.u./g

Pesticide Residue + (OC+OP)

Complies as per API

Aflatoxins B1,B2,G1,G2 +

Complies as per API