

CHANDANASAV

Monograph No. – 100004 ver 3.0

Issue No: 03

Amendment No : 01

Date of Issue: 16/03/2017

Amendment Date : 16/03/2024

Text Reference : Bhaishajya Ratnavali (Prameha) 88/35-39

Shelf Life: 10 years

Description

Brown coloured liquid, characteristic fermented odour, taste sweet, astringent & bitter.



pH

3.5 – 5.0

Specific Gravity at 25°

1.00 -1.20 g/ml

Brix

25 – 35 %

Alcohol content

7 – 11 % v/v

Thin Layer Chromatography Solvent system

Chloroform : Ethyl acetate : Formic acid
(5 : 4 : 1.6)

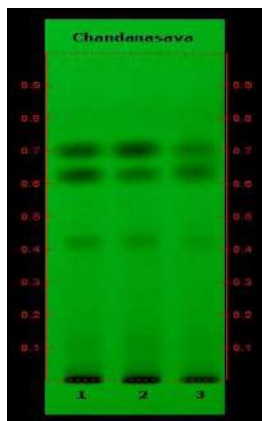
Details

Solvent of Extraction – Methanol

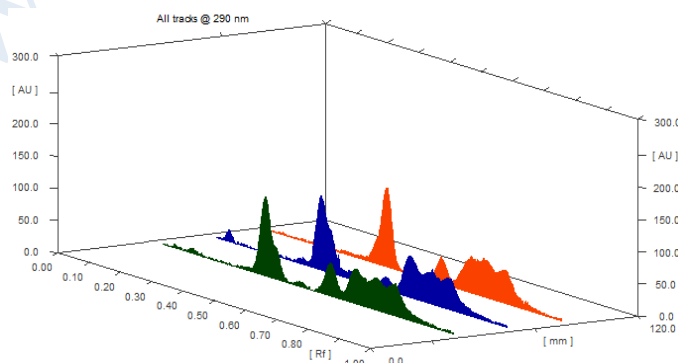
Distance travelled by solvent front – 90 mm

Total No. of Major spots – 3

Detection – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Gray	0.42
2	Black	0.61
3	Black	0.70



3D Peak Display of Chandanasav at 290 nm

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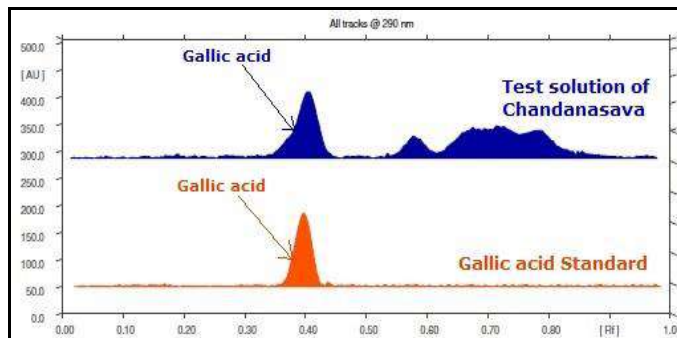
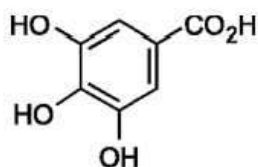
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Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[†]

i) Total Polyphenols (As Gallic acid)

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



Heavy metal

Lead (Pb)	NMT 10 ppm
Mercury (Hg)	NMT 1 ppm
Arsenic (As)	NMT 3 ppm
Cadmium (Cd)	NMT 0.3 ppm
<i>E. coli</i>	Absent/ml
<i>P. aeruginosa</i>	Absent/ml
<i>Salmonella sp.</i>	Absent/ml
<i>Staphylococcus sp.</i>	Absent/ml
Total Microbial Plate Count (TPC)	NMT 10 ⁵ c.f.u./ml
Total Yeast & Mould Count (TYMC)	NMT 10 ³ c.f.u./ml
Pesticide Residue[†] (OC+OP)	Complies as per API
Aflatoxins B1,B2,G1,G2[†]	Complies as per API