

KANCHANAR KASHAY

Monograph No. – 100114 ver 3.0

Issue No: 03

Amendment No : 00

Date of Issue: 15/10/2024

Amendment Date : --

Text Reference : Sharangdhar Samhita Madhyam Khanda (Kwath Kalpana) 2/126

Shelf Life: 3 years

Description

Brown colour liquid, characteristic odour and taste.

pH

5.0 – 6.5

Specific Gravity at 25°

0.95 - 1.20 g/ml

Brix

1.0 – 4.0 %

Refractive Index

1.300 – 1.450

Thin Layer Chromatography

Solvent system

Hexane : Ethyl acetate
(6.0 : 4.0)

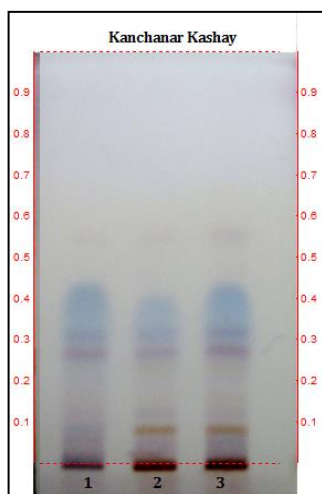
Details

Solvent of Extraction – Methanol

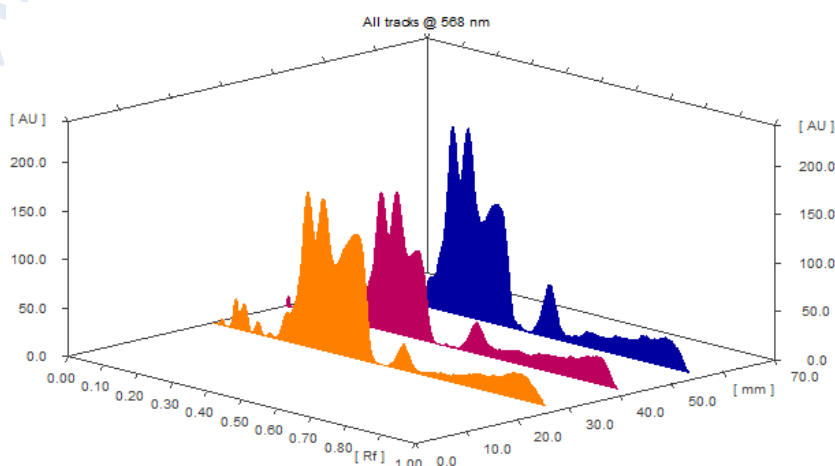
Distance travelled by solvent front – 90 mm

Total No. of Major spots – 5

Visualization – After spraying with Anisaldehyde H_2SO_4



Major Spots	Colour	Approx. Rf.
1	Brown	0.08
2	Purple	0.26
3	Purple	0.31
4	Sky blue	0.41
5	Light Purple	0.55



3D Peak Display of Kanchanar Kashay at 568 nm

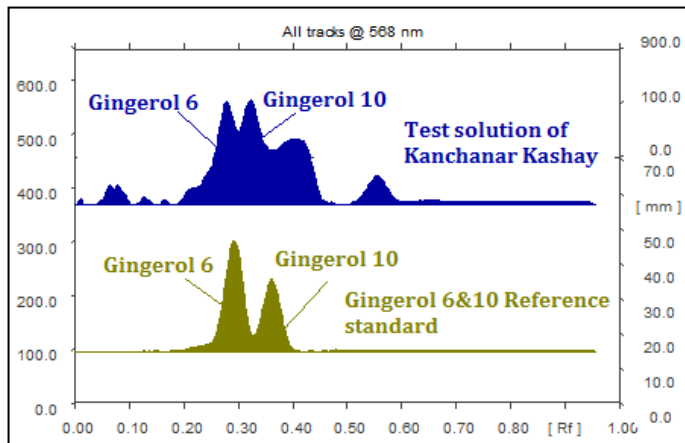
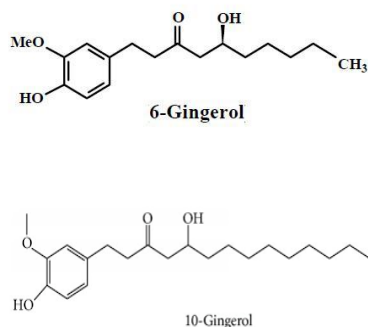
Confidential - photocopy prohibited

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

HPTLC Profile[†]

i) Gingerol

When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 568 nm for Gingerol 6 & 10 corresponding with Gingerol 6 & 10 reference standards.



Heavy metal

Lead (Pb)

Not more than 10 ppm

Mercury (Hg)

Not more than 1 ppm

Arsenic (As)

Not more than 3 ppm

Cadmium (Cd)

Not more than 0.3 ppm

E. coli

Absent/ml

P. aeruginosa

Absent/ml

Salmonella sp.

Absent/ml

Staphylococcus sp.

Absent/ml

Total Microbial Plate Count (TPC)

Not more than 10⁵ c.f.u./ml

Total Yeast & Mould Count (TYMC)

Not more than 10³ c.f.u./ml

Pesticide Residue[†] (OC+OP)

Complies as per API

Aflatoxins B1,B2,G1,G2[†]

Complies as per API