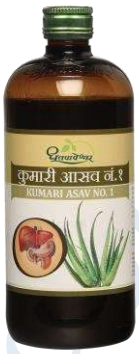
KUMARI ASAV NO. 1

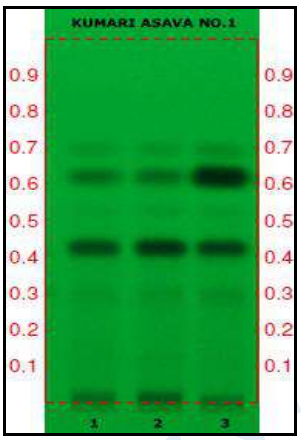
Monograph No. – 100007 *ver 3.0*

Issue No: 03
Date of Issue: 16/03/2017
Text Reference : Yogaratanakar Part 2 (Gulma)

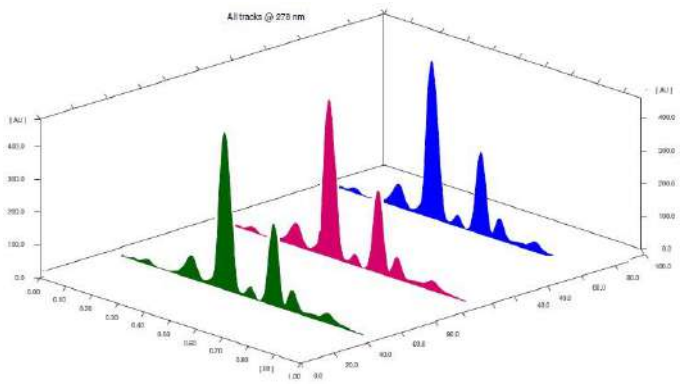
Amendment No : 01
Amendment Date : 16/03/2024
Shelf Life: 10 years



Description	Brown coloured liquid, characteristic fermented odour, taste sweet and astringent.
pH	3.5 – 5.0
Specific Gravity at 25^0	1.05 - 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 – Hexane → Chloroform → Ethyl acetate Distance travelled by solvent front – 90mm Total No. of Major spots – 6 Detection – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Light Gray	0.13
2	Light Gray	0.29
3	Black	0.42
4	Light Gray	0.51
5	Black	0.61
6	Gray	0.68



3D Peak Display of Kumari Asav No.1 at 278 nm

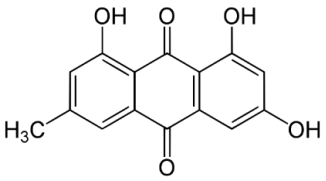
www.sdindia.com

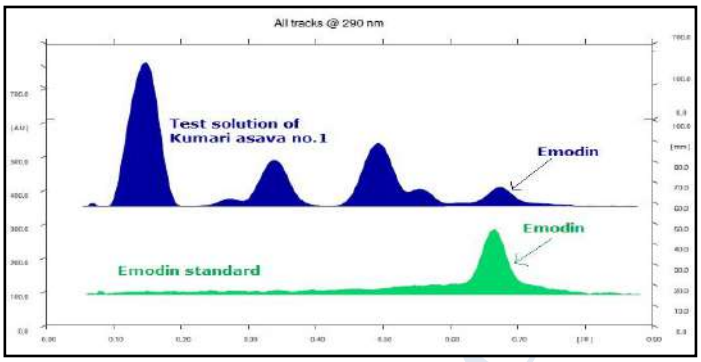
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[+]

i) Emodin

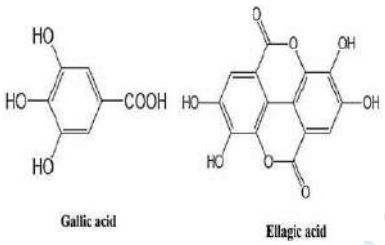
When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 290 nm corresponding with Emodin standard.

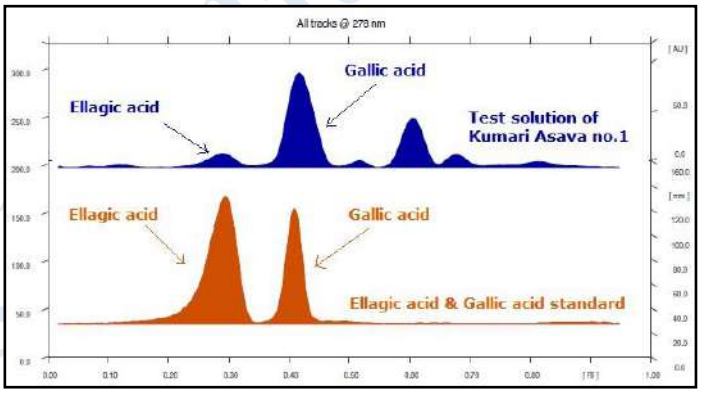




ii) Total Polyphenols (as Gallic acid & Ellagic acid)

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 290 nm for Gallic acid & 278 nm for Ellagic acid corresponding with Gallic acid & Ellagic acid standard.





E. coli	Absent/ml
P. aeruginosa	Absent/ml
Salmonella sp.	Absent/ml
Staphylococcus sp.	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

www.shreedhootapapeshwar.com

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