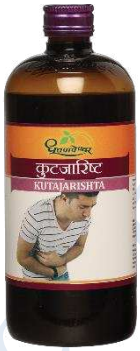
KUTAJARISHTA

Monograph No. – 100008 *ver 3.0*

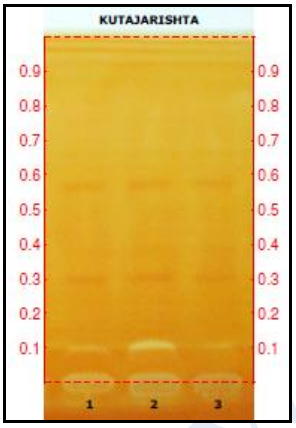
Issue No: 03
Date of Issue: 16/03/2017
Text Reference : Bhaishajya Ratnavali (Atisara) 7/174-177

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



Description	Brown coloured liquid, characteristic fermented odour, taste bitter & 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	Toluene : Ethyl acetate : Diethylamine (6.5 : 2.5 : 1)

Details



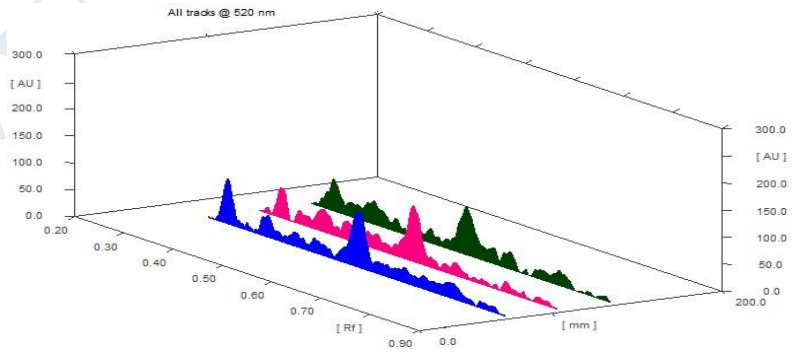
Solvent of Extraction – Methanol + Ammonia

Distance travelled by solvent front – 90mm

Total No. of Major spots – 4

Detection – After spraying with Modified Dragendroff reagent

Major Spots	Colour	Approx. Rf.
1	Yellow	0.11
2	Orange	0.31
3	Light Orange	0.39
4	Orange	0.57



3D Peak Display of Kutajarishta at 520 nm

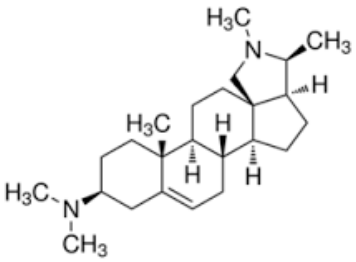
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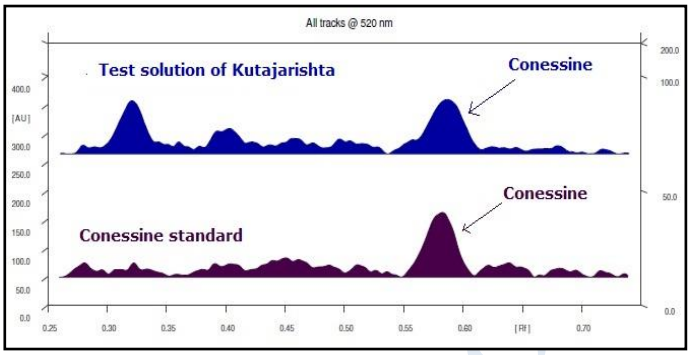
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[+]

i) Conessine

When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 520 nm corresponding with Conessine 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/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

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