

KUTAJARISHTA

Monograph No. – 100008 ver 3.0

Issue No: 03

Amendment No : 00

Date of Issue: 16/03/2017

Amendment Date : --

Text Reference : Bhaishajya Ratnavali (Atisara) 7/174-177

Shelf Life: 10 years

Description

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



pH

3.5 – 5.0

Specific Gravity

1.05 - 1.20

Brix

25 – 35 %

Alcohol content

7 – 11 % v/v

Thin Layer Chromatography Solvent system

Toluene : Ethyl acetate : Diethylamine
(6.5 : 2.5 : 1)

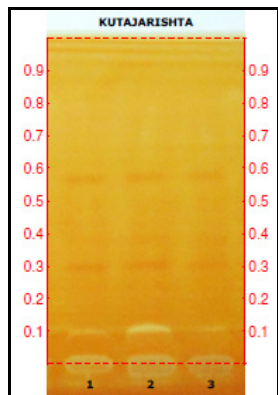
Details

Solvent of Extraction – Methanol + Ammonia

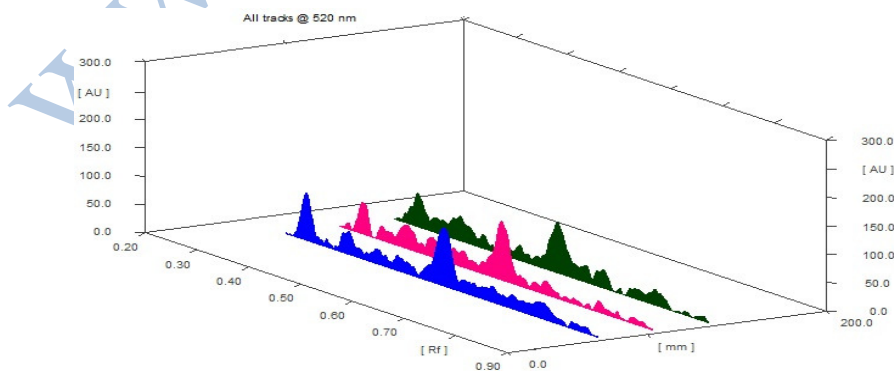
Distance travelled by solvent front – 90mm

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

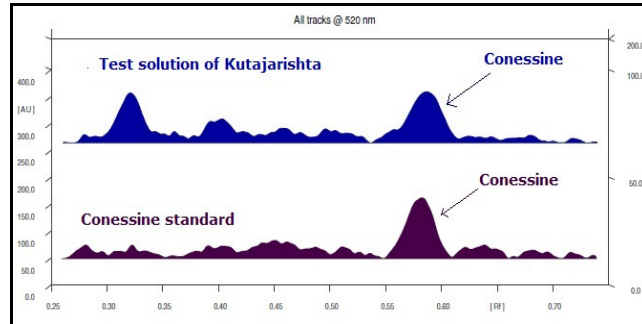
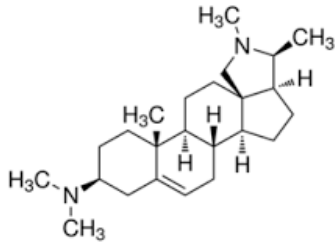
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Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

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/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 [†]	NMT 10 ³ c.f.u./g
Pesticide Residue [†] (OC+OP)	Complies as per API
Aflatoxins B1,B2,G1,G2 [†]	Complies as per API