ASHOKARISHTA

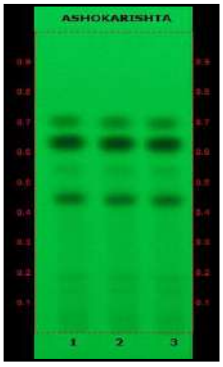
Monograph No. – 100002 *ver 3.0*

Issue No: 03
Date of Issue: 16/03/2017
Text Reference : Bhaishajya Ratnavali (Pradara) 66/114-118

Amendment No : 02
Amendment Date : 16/03/2024
Shelf Life: 10 years

Description	Dark brown coloured liquid, characteristic fermented odour, taste sweet & slightly astringent.
pH	4.0 – 5.0
Specific Gravity at 25^0	1.05 - 1.15 g/ml
Brix	20 – 35 %
Alcohol content	7 – 11 % v/v
Thin Layer Chromatography Solvent system	Chloroform : Ethyl acetate : Formic acid (5 : 4 : 1.6)

Details



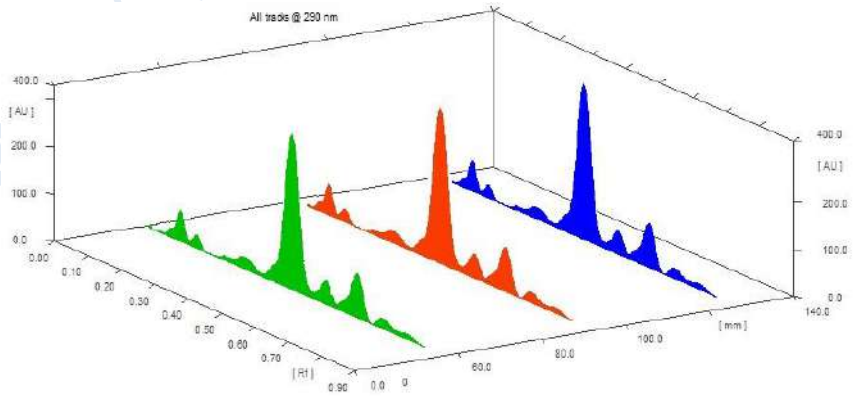
Solvent of Extraction – Water + Hexane → Chloroform → Ethyl aceta

Distance travelled by solvent front – 90mm

Total No. of Major spots – 6

Detection – Under UV at 254nm

Major Spots	Colour	Approx. Rf.
1	Light Gray	0.13
2	Light Gray	0.19
3	Black	0.45
4	Gray	0.55
5	Black	0.64
6	Black	0.71



3D Peak Display of Ashokarishta at 290 nm

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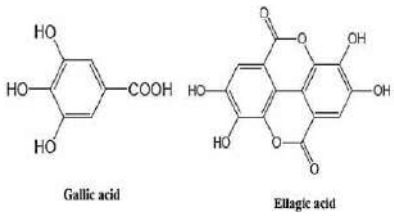
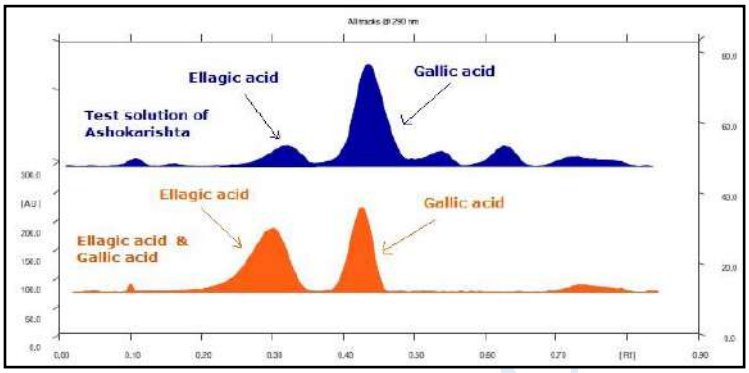
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[+]

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

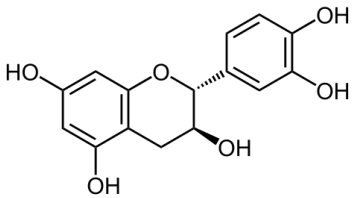
When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 290 nm for Gallic acid & 278 nm for Ellagic acid corresponding with Gallic acid & Ellagic acid standard.

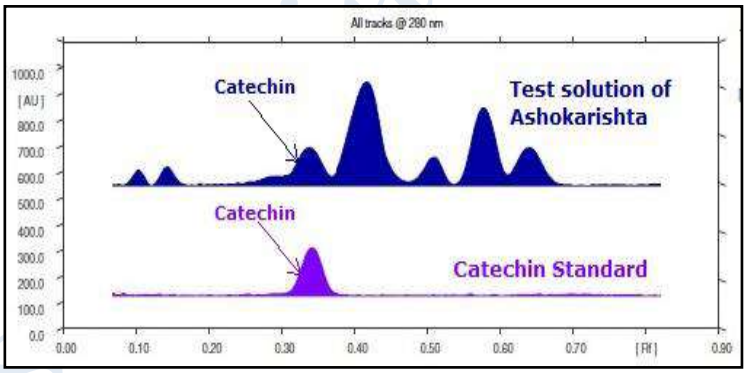




ii) Catechin

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 280 nm corresponding with Catechin 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

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