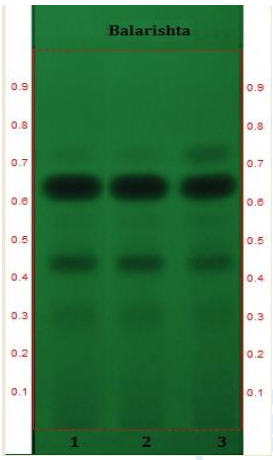
BALARISHTA

Monograph No. – 100028 *ver 3.0*

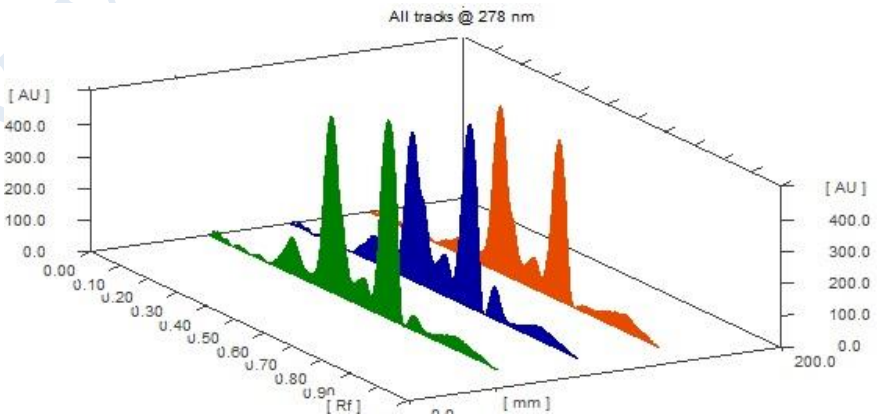
Issue No: 03
Date of Issue: 19/04/2017
Text Reference : Ayurved sar sangrah (Asavarishta)

Amendment No : 03
Amendment Date : 08/07/2024
Shelf Life: 10 years

Description	Dark brown colour liquid, Fermented odour & Sweet followed by slight sour in taste.
pH	3.5 – 5.0
Specific Gravity at 25^0	1.05 –1.20 g/ml
Brix	20 – 30 %
Alcohol content	5 – 11 % v/v
Thin Layer Chromatography Solvent system	Toluene : Ethyl acetate : Formic acid (5.0 : 4.0 : 1.6)
Details	Solvent of Extraction – n-Hexane> Chloroform>Ethyl acetate> Methanol Solvent front – 90 mm Total No. of Major spots – 5 Detection – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Light gray	0.30
2	Gray	0.43
3	Light gray	0.56
4	Black	0.65
5	Light gray	0.73



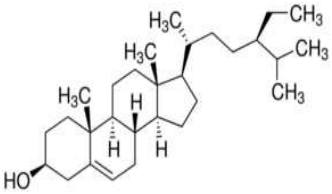
3D Peak Display of Balarishta at 278 nm

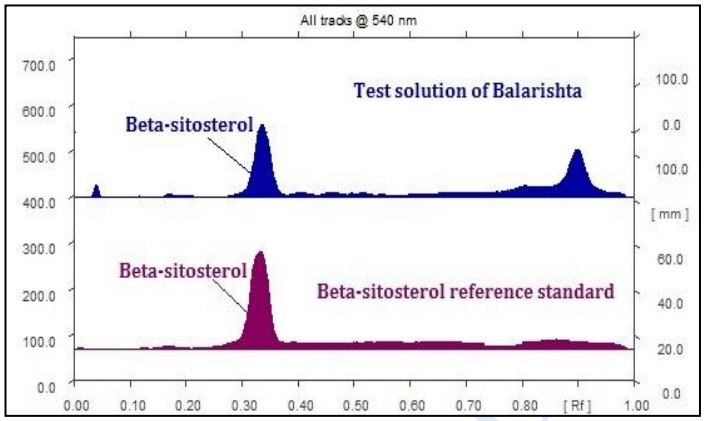
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[+]

i) Beta-sitosterol

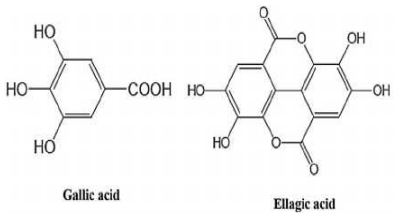
When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 540 nm corresponding with Beta-sitosterol standard.

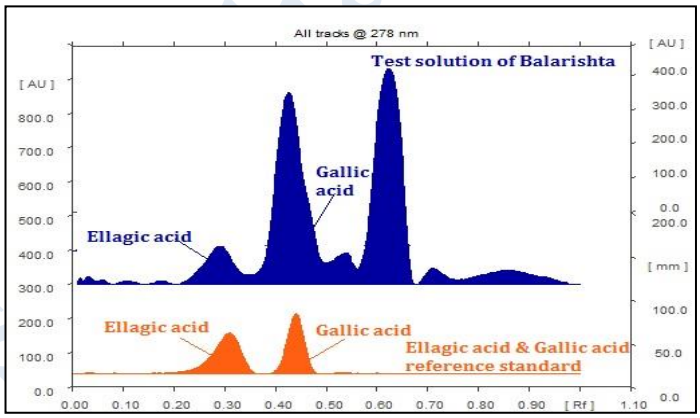




ii) Total Polyphenols (as Gallic acid & Ellagic acid)

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.





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.