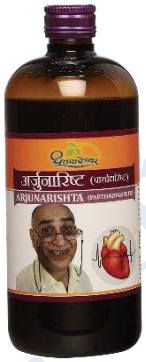
ARJUNARISHTA (PARTHADYARISHTA)

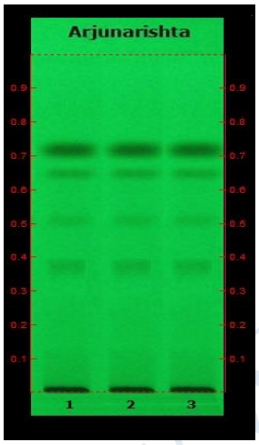
Monograph No. – 100001 *ver 3.0*

Issue No: 03
Date of Issue: 16/03/2017
Text Reference : Bhaishajya Ratnavali (Hrudroga) 33/75-77

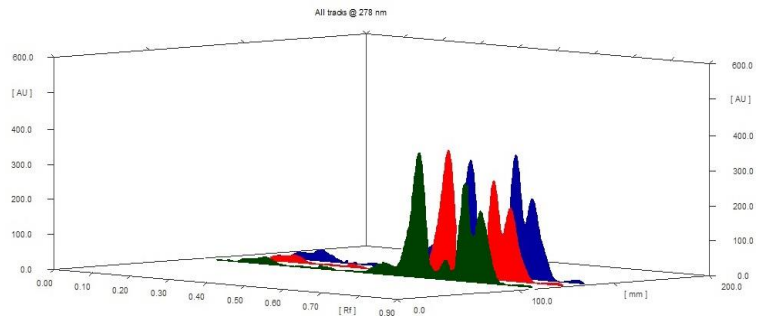
Amendment No : 01
Amendment Date : 16/03/2024
Shelf Life: 10 years

Description	Dark brown coloured liquid, characteristic fermented odour, taste sweet, astringent & bitter.
pH	3.5 – 5.0
Specific Gravity at 25^0	1.05 -1.15 g/ml
Brix	22 – 35 %
Alcohol content	7 – 11 % v/v
Thin Layer Chromatography Solvent system	Toluene : Ethyl acetate : Formic acid (4 : 6 : 2)
Details	Distance travelled by solvent front – 90 mm Solvent of Extraction – Methanol Total No. of Major spots – 4 Detection – Under UV at 254 nm





Major Spots	Colour	Approx. Rf.
1	Gray	0.37
2	Gray	0.51
3	Gray	0.65
4	Black	0.72



3D Peak Display of Arjunarishta at 278 nm

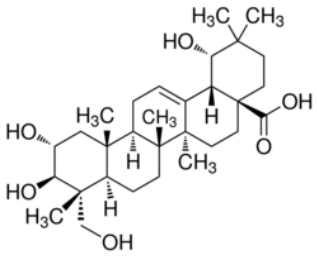
www.sdindia.com

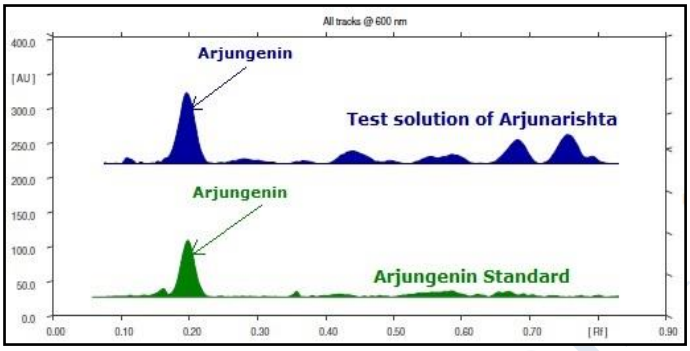
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[+]

i) Arjungenin

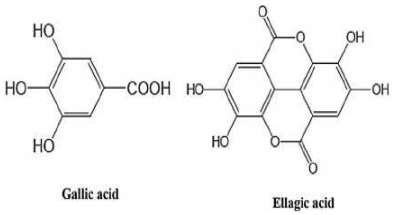
When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 600 nm corresponding with Arjungenin standard

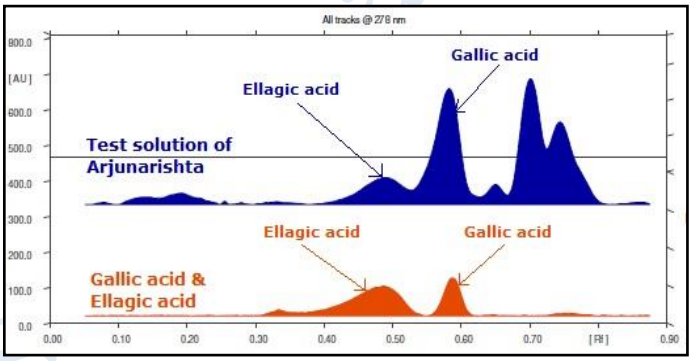




ii) Total Polyphenols (as Gallic acid & Ellagic acid)

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

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