VIDANGARISHTA

Monograph No. – 100026 *ver 3.0*

Issue No: 03
Date of Issue: 19/04/2017
Text Reference : Ayurved Sara Sangraha

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

Description	Light brown colour liquid, with characteristic fermented odour & taste sweet followed by slightly astringent.
pH	3.5 – 5.0
Specific Gravity at 25⁰	1.00 – 1.20 g/ml
Brix	20 – 40 %
Alcohol content	5 – 11 % v/v
Thin Layer Chromatography Solvent system	Toluene : Ethyl acetate : Formic acid (4.0 : 6.0 : 2.5)



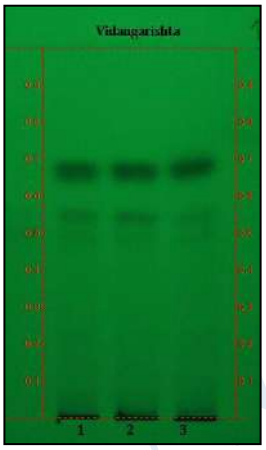
Details

Solvent of Extraction – Methanol

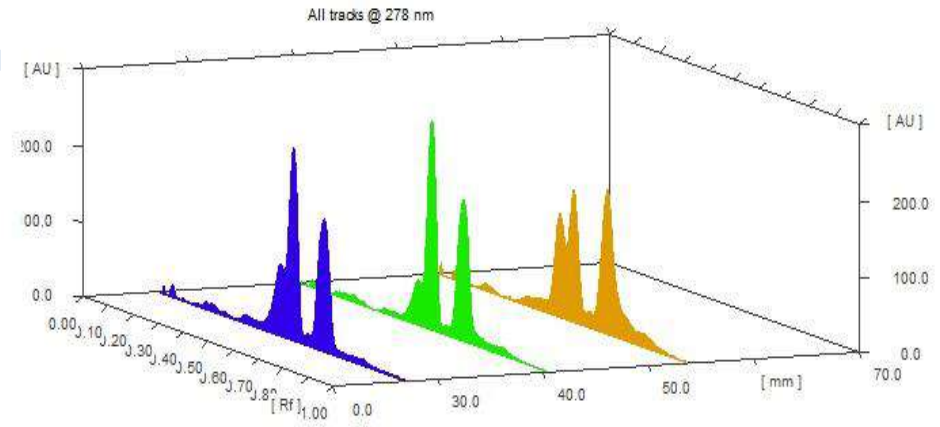
Solvent front – 90 mm

Total No. of Major spots – 3

Detection – Under UV at 254nm



Major Spots	Colour	Approx. Rf.
1	Light gray	0.48
2	Gray	0.54
3	Black	0.67



3D Peak Display of Vidangarishta at 278 nm

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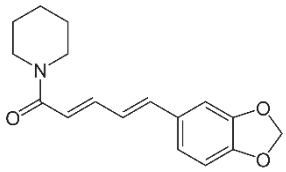
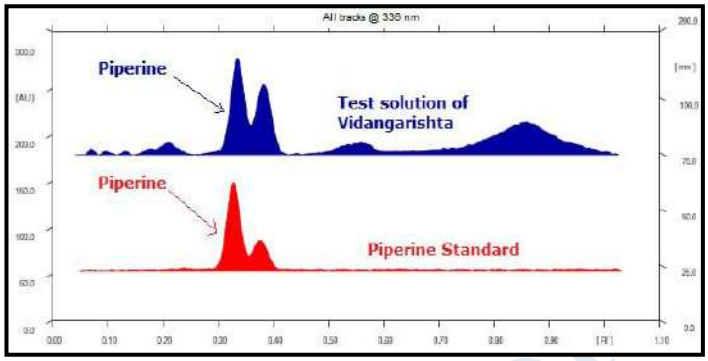
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[+]

i) Piperine

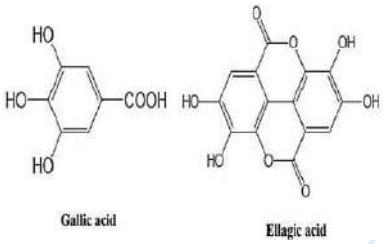
When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 336 nm corresponding with Piperine standard.

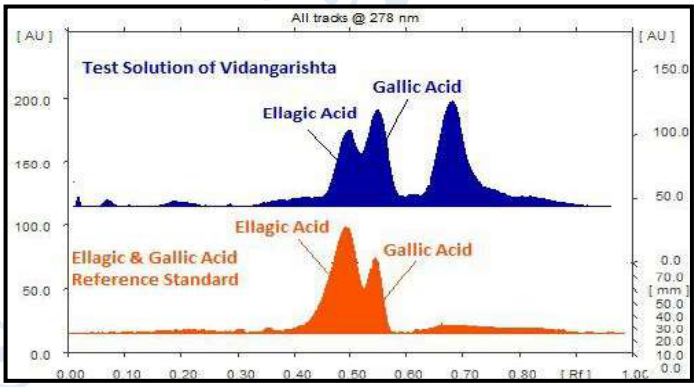




ii) Total Polyphenols (as Gallic acid & Ellagic acid)

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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