

## DASHAMOOLARISHTA

Monograph No. – 100005 ver 3.0

Issue No: 03

Date of Issue: 16/03/2017

Text Reference : Bhaishajya Ratnavali (Vajikaran) 74/357-371

Amendment No : 01

Amendment Date : 16/03/2024

Shelf Life: 10 years

### Description

Chocolate brown coloured liquid, characteristic fermented odour, taste sweet, astringent & bitter.



### pH

4.0 – 5.0

### Specific Gravity at 25°

1.05 - 1.15 g/ml

### Brix

24 – 42 %

### Alcohol content

7 – 11 % v/v

### Thin Layer Chromatography Solvent system

Chloroform : Ethyl acetate : Formic acid  
( 5 : 4 : 1.6 )

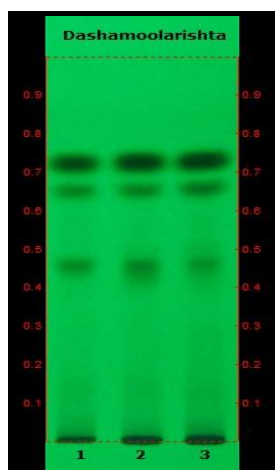
### Details

Solvent of Extraction – Methanol

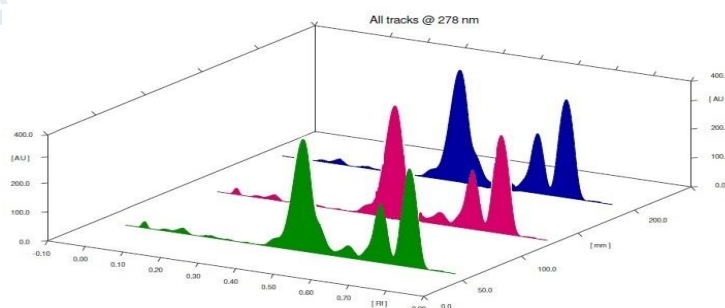
Distance travelled by solvent front – 90mm

Total No. of Major spots – 4

Detection – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Light gray	0.12
2	Gray	0.45
3	Gray	0.64
4	Black	0.72



3D Peak Display of Dashamoolarishta at 278 nm

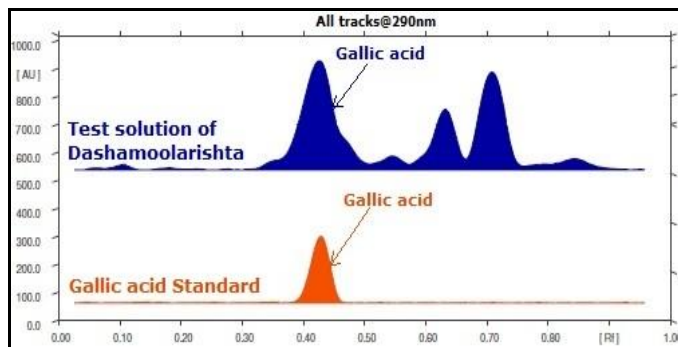
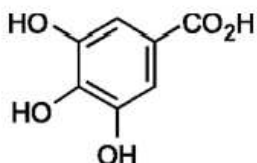
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Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

## HPTLC Profile<sup>†</sup>

### i) Total Polyphenols (As Gallic acid)

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 290nm corresponding with Gallic 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<sup>5</sup> c.f.u./ml

**Total Yeast & Mould Count (TYMC)** NMT 10<sup>3</sup> c.f.u./ml

**Pesticide Residue<sup>†</sup> (OC+OP)** Complies as per API

**Aflatoxins B1,B2,G1,G2<sup>†</sup>** Complies as per API