

## DASHAMOOLARISHTA

Monograph No. – 100005 ver 3.0

Issue No: 03

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

Amendment No : 00

Amendment Date : --

Shelf Life: 10 years

### Description

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



### pH

4.0 – 5.0

### Specific Gravity

1.05 - 1.15

### Brix

24 – 42 %

### Alcohol content

7 – 11 % v/v

### Thin Layer Chromatography Solvent system

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

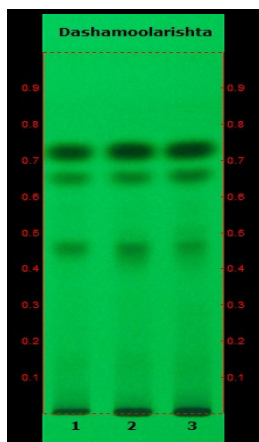
### Details

Solvent of Extraction – Methanol

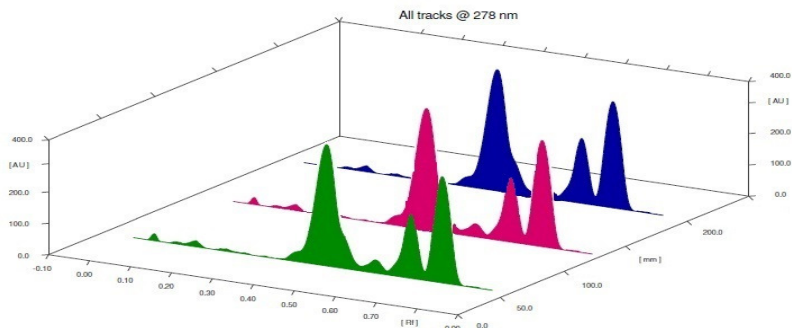
Distance travelled by solvent front – 90mm

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

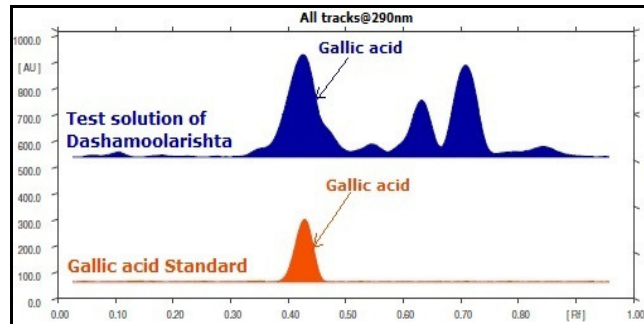
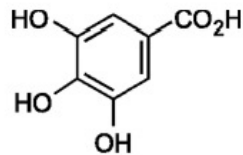
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Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

## 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

<b>Lead (Pb)</b>	NMT 10 ppm
<b>Mercury (Hg)</b>	NMT 1 ppm
<b>Arsenic (As)</b>	NMT 3 ppm
<b>Cadmium (Cd)</b>	NMT 0.3 ppm
<b>E. coli <sup>†</sup></b>	Absent/g
<b>P. aeruginosa <sup>†</sup></b>	Absent/g
<b>Salmonella sp. <sup>†</sup></b>	Absent/g
<b>Staphylococcus sp. <sup>†</sup></b>	Absent/g
<b>Total Microbial plate count (TPC)<sup>†</sup></b>	NMT 10 <sup>5</sup> c.f.u./g
<b>Total Yeast &amp; Mould <sup>†</sup></b>	NMT 10 <sup>3</sup> c.f.u./g
<b>Pesticide Residue <sup>†</sup> (OC+OP)</b>	Complies as per API
<b>Aflatoxins B1,B2,G1,G2 <sup>†</sup></b>	Complies as per API