DASHAMOOLARISHTA

Monograph No. – 100005 *ver 3.0*

Issue No: 03

Amendment No : 02

Date of Issue: 16/03/2017

Amendment Date : 01/08/2026

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

Shelf Life: 10 years

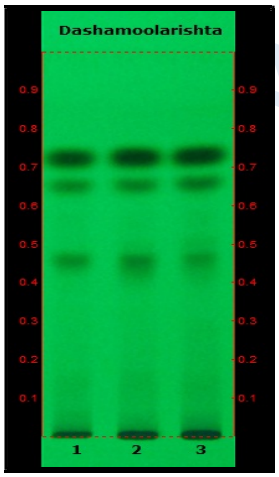


Description	Chocolate brown coloured liquid, characteristic fermented odour, taste sweet, astringent & bitter.
pH	4.0 – 5.0
Reducing Sugars	14-24 % w/v
Non Reducing Sugars	Not more than 1 % w/v
Total Phenolic content	Not less than 0.2 % w/v equivalent to tannic acid
Total solids	24-54 % w/v
Specific Gravity at 25⁰	1.05 - 1.15 g/ml
Alcohol content	5 – 11 % v/v
Brix	24 – 42 %
Methanol	Absent

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

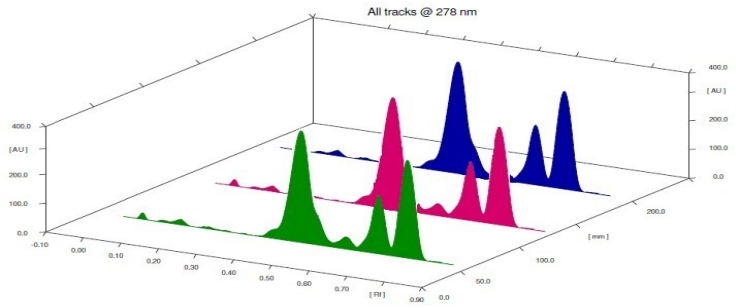
Total No. of Major spots – 4

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

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

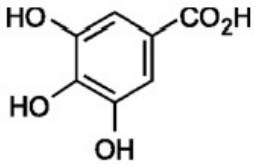


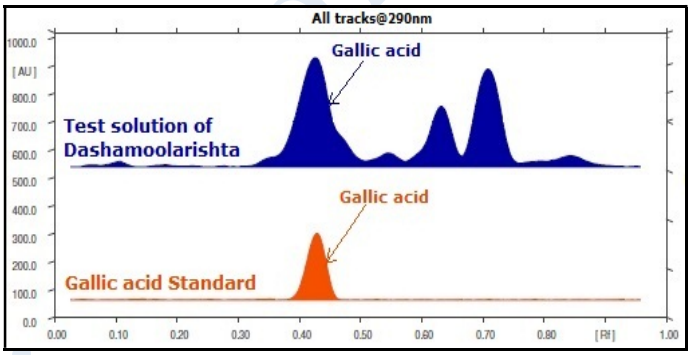
3D Peak Display of Dashamoolarishta at 278 nm

HPTLC Profile⁺

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 10^5 c.f.u./ml
Total Yeast & Mould Count (TYMC)	NMT 10^3 c.f.u./ml
Pesticide Residue ⁺ (OC+OP)	Complies as per API

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Aflatoxins †	
B_1	0.5 ppm
B_2	0.1 ppm
G_1	0.5 ppm
G_2	0.1 ppm

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