

ASHVAGANDHARISHTA

Monograph No. – 100003 ver 3.0

Issue No: 03

Date of Issue: 16/03/2017

Text Reference : Bhaishajya Ratnavali (Moorchchha) 21/15-21

Amendment No : 02

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°

1.00 – 1.20 g/ml

Brix

20 – 35 %

Alcohol content

7 – 11 % v/v

Thin Layer Chromatography Solvent system

Chloroform : Methanol
(9 : 1)

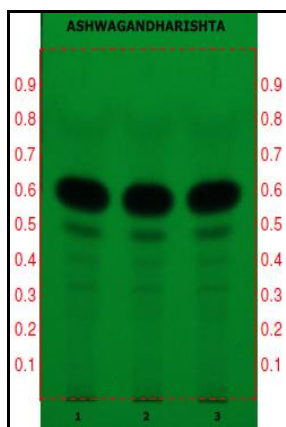
Details

Solvent of Extraction – Water + Hexane → Chloroform

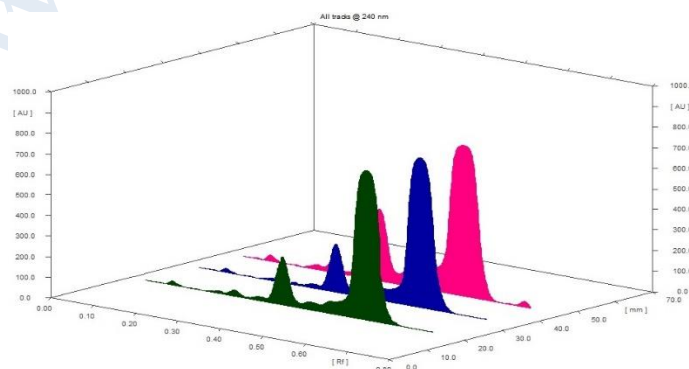
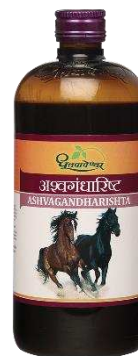
Distance travelled by solvent front – 90 mm

Total No. of Major spots – 4

Detection – Under UV at 254nm



Major Spots	Colour	Approx. Rf.
1	Gray	0.32
2	Gray	0.40
3	Black	0.48
4	Black	0.58



3D Peak Display of Ashwagandharishta at 240 nm

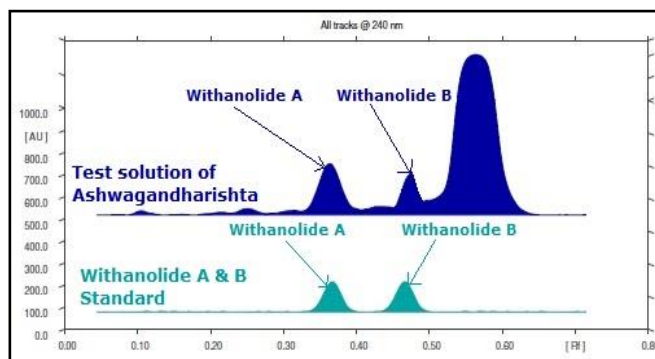
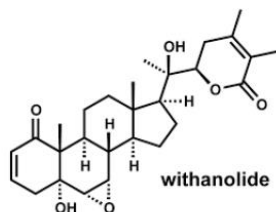
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Note : [†] : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[†]

i) Withanolide (A & B)

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 240 nm corresponding with Withanolide (A & B) 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 10⁵ c.f.u./ml

Total Yeast & Mould Count (TYMC)

NMT 10³ c.f.u./ml

Pesticide Residue[†] (OC+OP)

Complies as per API

Aflatoxins B1,B2,G1,G2[†]

Complies as per API