

## SARASWATARISHTA

Monograph No. – 100051 ver 3.0

Issue No: 03

Date of Issue: 16/03/2017

Text Reference : Bhaishajya Ratnavali (Rasayana) 73/182-195

Amendment No : 02

Amendment Date : 16/03/2024

Shelf Life: 10 years

### Description

Brown coloured liquid, characteristic fermented odour, taste sweet & astringent.

### pH

3.5 – 5.0

### Specific Gravity at 25°

1.05 - 1.15 g/ml

### Brix

20 – 30 %

### Alcohol content

7 – 11 % v/v

### Thin Layer Chromatography Solvent system

Ethyl acetate : Toluene : Formic acid : Methanol  
( 6 : 2 : 2 : 1 )

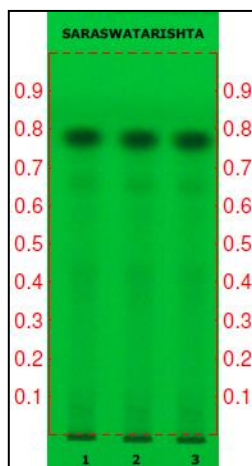
### Details

Solvent of Extraction – Methanol

Distance travelled by solvent front – 90 mm

Total No. of Major spots – 5

Detection – Under UV at 254nm

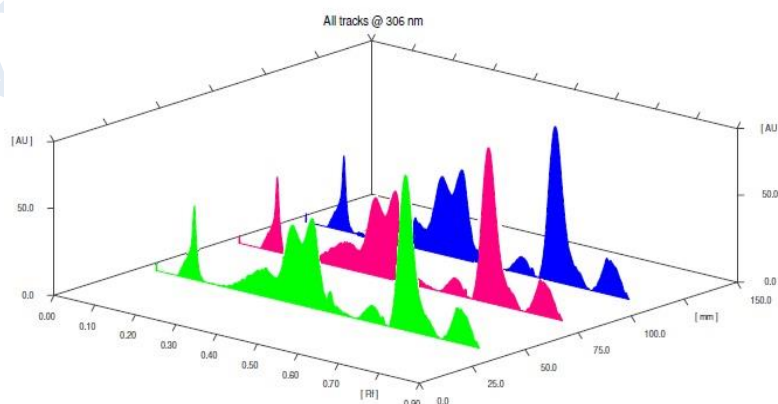


### Major Spots

### Colour

### Approx. Rf.

1	Gray	0.07
2	Light gray	0.41
3	Light gray	0.57
4	Gray	0.66
5	Black	0.77



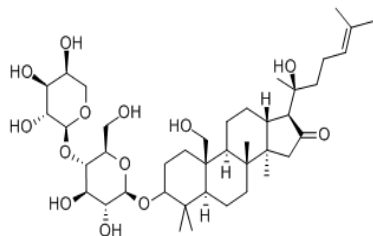
3D Peak Display of Saraswatarishta at 306 nm

**Confidential - photocopy prohibited**

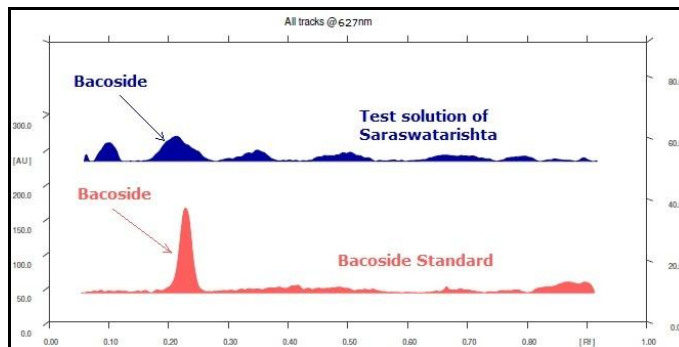
Note : <sup>†</sup> : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

## HPTLC Profile<sup>†</sup>

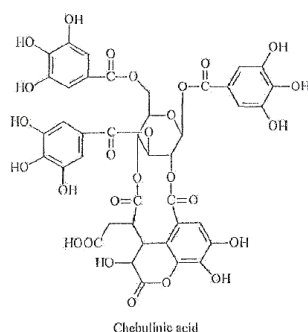
### i) Bacoside



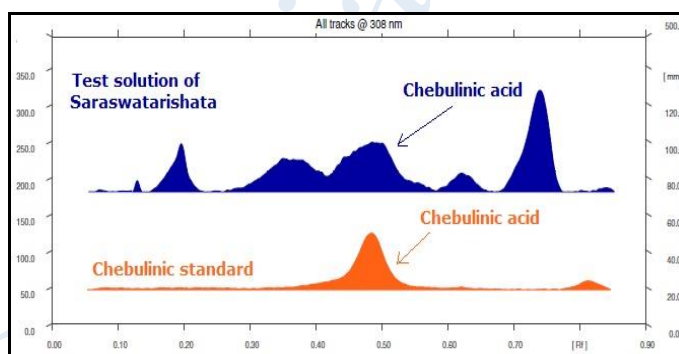
When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 627 nm corresponding with Bacoside standard.



### ii) Chebulinic acid



When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 306 nm corresponding with Chebulinic acid standard.



***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