

## GOUTOJJAY

Monograph No. – 320005 ver 3.0

Issue No: 03

Date of Issue: 05/04/2024

Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 00

Amendment Date : --

Shelf Life: 3 years

### Description

Dark brown coloured liquid, characteristic fermented odour, taste bitter and astringent.

### pH

3.8 – 5.5

### Specific Gravity at 25°

1.00 - 1.15 g/ml

### Brix

25 – 35 %

### Alcohol content

7 – 11 % v/v

### Thin Layer Chromatography

#### Solvent system

Toluene : Acetone : Formic acid  
( 9.0 : 2.0 : 0.5 )

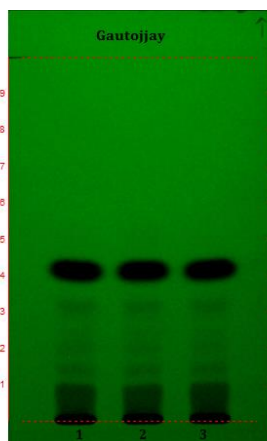
#### Details

Solvent of Extraction – Methanol

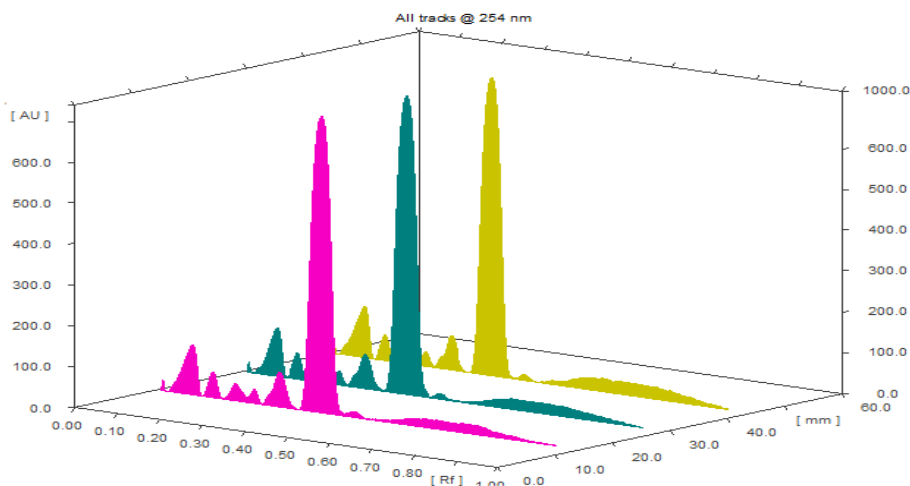
Distance travelled by solvent front – 90 mm

Total No. of Major spots – 5

Visualization – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Gray	0.09
2	Gray	0.13
3	Light Gray	0.19
4	Gray	0.31
5	black	0.42



3D Peak Display of Goutojjay at 254 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.

## Heavy metal

<b>Lead (Pb)</b>	Not more than 10 ppm
<b>Mercury (Hg)</b>	Not more than 1 ppm
<b>Arsenic (As)</b>	Not more than 3 ppm
<b>Cadmium (Cd)</b>	Not more than 0.3 ppm

***E. coli*** Absent/ml

***P. aeruginosa*** Absent/ml

***Salmonella sp.*** Absent/ml

***Staphylococcus sp.*** Absent/ml

**Total Microbial Plate Count (TPC)** Not more than  $10^5$  c.f.u./ml

**Total Yeast & Mould Count (TYMC)** Not more than  $10^3$  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

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