

## RASARAJESHWAR RASA

Monograph No. – 1902604 ver 3.0

Issue No: 03

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Amendment No : 02

Amendment Date : 05/03/2025

Shelf Life: 5 years

### Description

Green colour, round biconvex film coated tablets with SDL mark on one side.

### Loss on Drying at 105°

Not more than 6 % w/w

### Friability

Not more than 1 % w/w

### Disintegration Time

Not more than 60 min.

### Hardness

Not less than 2.5 kg/cm<sup>2</sup>

### Thickness

5.5 ± 0.5 mm

### Diameter

8.0 ± 0.5 mm

### Average Weight

338 mg ± 5 %

### Uniformity of weight

Not more than 2 tablets deviate by more than 5% of the average weight and none by more than 10% of the average weight.

### Ash

Not more than 19 % w/w

### Acid insoluble ash

Not more than 6 % w/w

### Water soluble extractive

Not less than 15 % w/w

### Alcohol soluble extractive

Not less than 5 % w/w

### pH (1% Aq. solution)

5.0 – 6.5

### Elemental assay

#### Gold (Au)

0.4 – 0.7 mg/tablet

#### Silver (Ag)

0.1 – 0.25 mg/tablet

#### Mercury (Hg)

25 – 45 mg/tablet

#### Iron (Fe)

Not less than 0.35 mg/tablet

### Thin Layer Chromatography Solvent system

Toluene : Acetone  
( 9 : 1 )

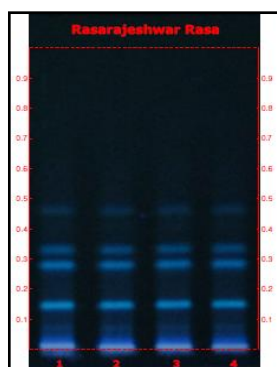
Solvent of Extraction – Methanol

Solvent front – 90 mm

Total No. of Major spots – 5

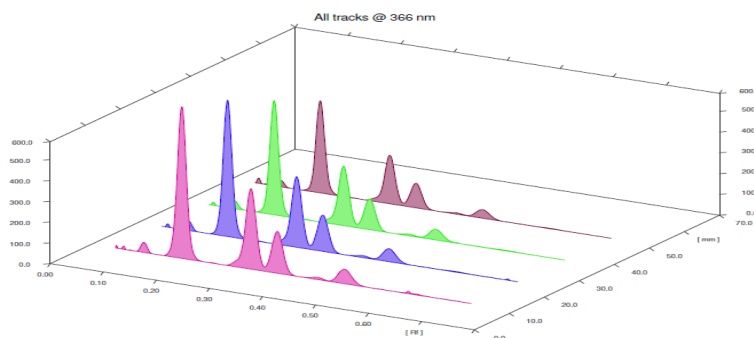
Visualization – Under UV at 366 nm

### Details



Major spots	Colour	Approx. Rf.
1	Light Blue	0.09
2	Fluorescent Blue	0.16
3	Fluorescent Blue	0.29
4	Fluorescent Blue	0.35
5	Light Blue	0.48



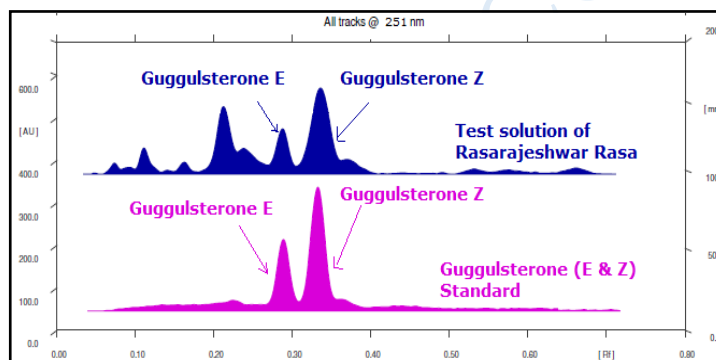
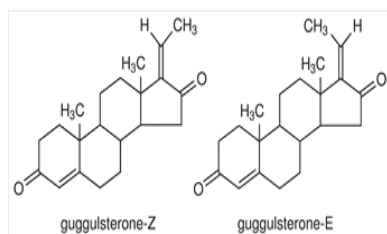


**3D Peak Display of Rasarajeshwar Rasa at 366 nm**

## HPTLC Profile +

### i) Guggulsterone (E & Z)

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 251 nm corresponding with Guggulsterone (E & Z) standard.



***E. coli***

Absent/g

***P. aeruginosa***

Absent/g

***Salmonella sp.***

Absent/g

***Staphylococcus sp.***

Absent/g

**Total Microbial plate count (TPC)**

Not more than  $10^5$  c.f.u./g

**Total Yeast & Mould count (TYMC)**

Not more than  $10^3$  c.f.u./g

**Pesticide Residue + (OC+OP)**

Complies as per API

**Aflatoxins B1,B2,G1,G2 +**

Complies as per API