AMAVATARI RASA

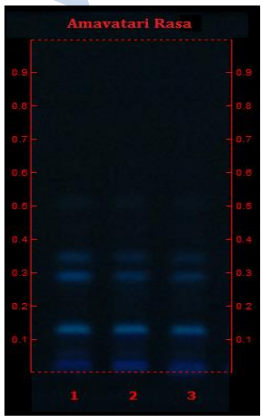
Monograph No. – 0801264 *ver 3.0*

Issue No: 03
Date of Issue: 16/11/2016
Text Reference : Bhaishajya Ratnavali (Amavata) 29/71-72

Amendment No : 03
Amendment Date : 23/01/2025
Shelf Life: 5 years



Description	Grayish black to black colour, round convex coated tablet having SDL mark on one side.
Loss on Drying at 105^0	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 kg/cm^2
Thickness	5.5 $\pm$ 0.5 mm
Diameter	8.0 $\pm$ 0.5 mm
Average Weight	335 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 18 % w/w
Acid insoluble ash	Not more than 4 % w/w
Water soluble extractive	Not less than 24 % w/w
Alcohol soluble extractive	Not less than 15 % w/w
pH (1 % Aq. Solution)	4.0 - 6.0
Elemental Assay	
Mercury (Hg)	13 – 19 mg/tablet
Sulphur (S)	26 – 39 mg/tablet
Thin Layer Chromatography	
Solvent system	Toluene : Acetone (9 : 1)
Details	Solvent of Extraction – Methanol Solvent front – 90 mm Total No. of Major spots – 4 Visualization – Under UV at 366 nm

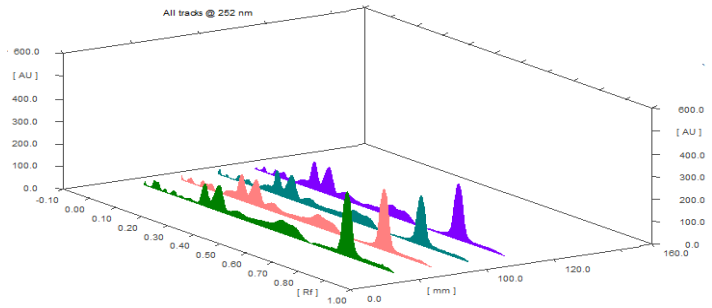


Major Spots	Colour	Approx. Rf.
1	Blue	0.13
2	Blue	0.28
3	Blue	0.34
4	Light Blue	0.51

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

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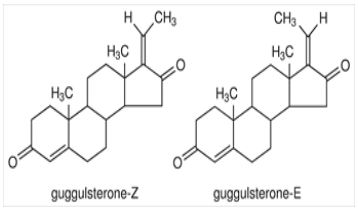


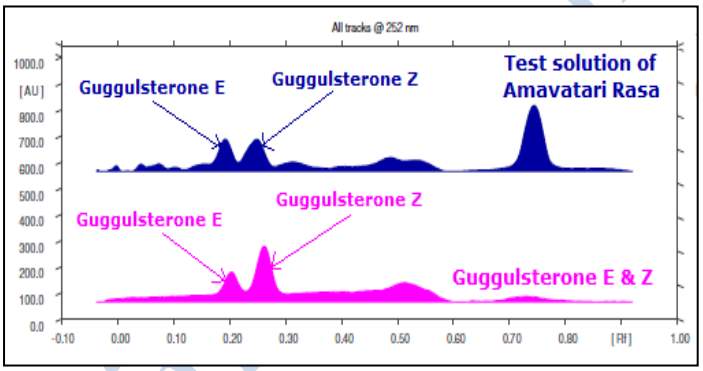
3D Peak Display of Amavatari Rasa at 252 nm

HPTLC Profile⁺

i) Guggulsterone (E & Z)

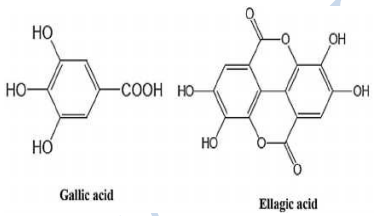
When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 252 nm corresponding with Guggulsterone (E & Z) standard.

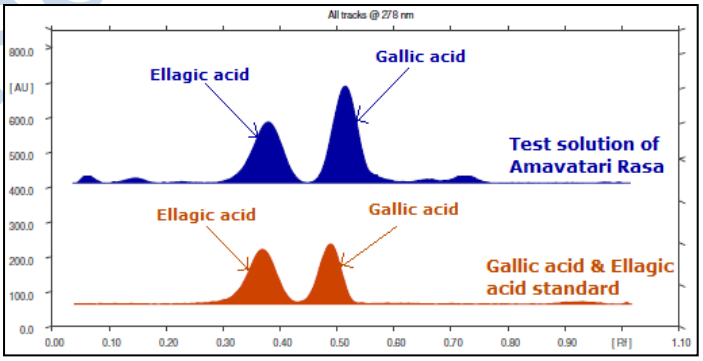




ii) Total Polyphenols (as Gallic acid & Ellagic acid)

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 290 nm for Gallic acid & 278 nm for Ellagic acid corresponding with Gallic acid & Ellagic acid 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

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