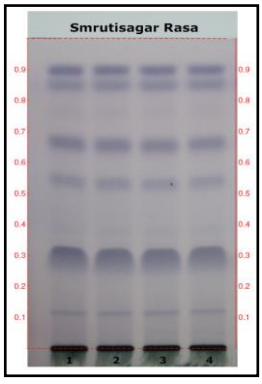
SMRUTISAGAR RASA

Monograph No. – 0800204 *ver 3.0*

Issue No: 03
Date of Issue: 28/10/2016
Text Reference : Yogaratnakar 1 (Apasmar)

Amendment No : 03
Amendment Date : 16/07/2024
Shelf Life: 5 years

Description	Greenish gray colour, round convex coated tablet having SDL mark on one side.
Loss on Drying at 105⁰	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	3.5 $\pm$ 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 35 % w/w
Acid insoluble ash	Not more than 5 % w/w
Water soluble extractive	Not less than 10 % w/w
Alcohol soluble extractive	Not less than 8 % w/w
pH (1 % Aq. Solution)	5.5 - 7.5
Elemental Assay	
Mercury (Hg)	38 – 58 mg/tablet
Sulphur (S)	76 – 115 mg/tablet
Copper (Cu)	23 – 35 mg/tablet
Thin Layer Chromatography Solvent system	Chloroform : Hexane : Toluene : Methanol (4.6 : 3.4 : 1.6 : 0.4)
Details	Solvent of Extraction – Methanol Solvent front – 90 mm Total No. of Major spots – 6 Visualization – After spraying Anisaldehyde H_2SO_4



Major Spots	Colour	Approx. Rf.
1	Violet	0.11
2	Violet	0.28
3	Violet	0.52
4	Violet	0.64
5	Violet	0.82
6	Violet	0.87

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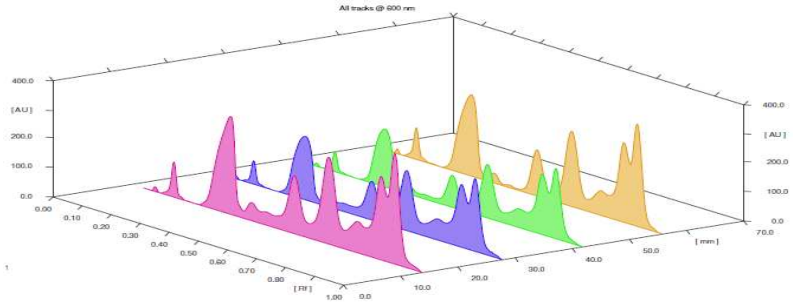
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.



3D Peak Display of Smrutisagar Rasa at 600 nm

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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