CHANDRAKALA RASA

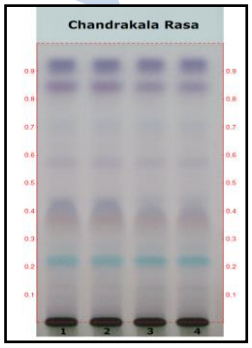
Monograph No. – 0800064 *ver 3.0*

Issue No: 03 | Amendment No : 02

Date of Issue: 28/10/2016 | Amendment Date : 05/08/2023

Text Reference : Bharat Bhaishajya Ratnakar 2/1885 | Shelf Life: 5 years

Description	Gray to dark gray colour, round biconvex 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 30 min.
Hardness	Not less than 2 kg/cm^2
Thickness	5.0 ± 0.5 mm
Diameter	8.0 ± 0.5 mm
Average Weight	290 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 29.5 % w/w
Acid insoluble ash	Not more than 12 % w/w
Water soluble extractive	Not less than 11 % w/w
Alcohol soluble extractive	Not less than 3.5 % w/w
pH (1 % Aq. Solution)	4.5 – 6.5
Elemental Assay	
Mercury (Hg)	16 – 24 mg/tablet
Iron (Fe)	2 – 5 mg/tablet
Copper (Cu)	8.5 -13.5 mg/tablet
Thin Layer Chromatography Solvent system	Toluene : Ethyl acetate (10 : 3)
Details	Solvent of Extraction – Methanol Solvent front – 90 mm Total No. of Major spots – 10 Visualization – After spraying with Anisaldehyde H_2SO_4

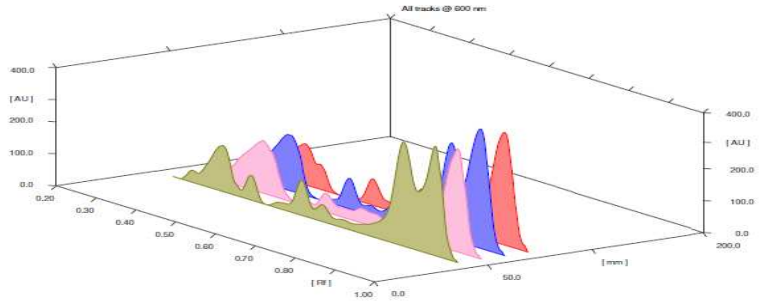


Major Spots	Colour	Approx. Rf.
1	Light Gray	0.08
2	Light Gray	0.13
3	Sky Blue	0.22
4	Light Blue	0.27
5	Brown	0.37
6	Light Blue	0.43
7	Light Purple	0.58
8	Light Blue	0.69
9	Purple	0.84
10	Violet	0.92

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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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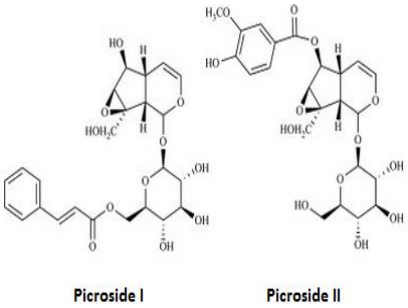


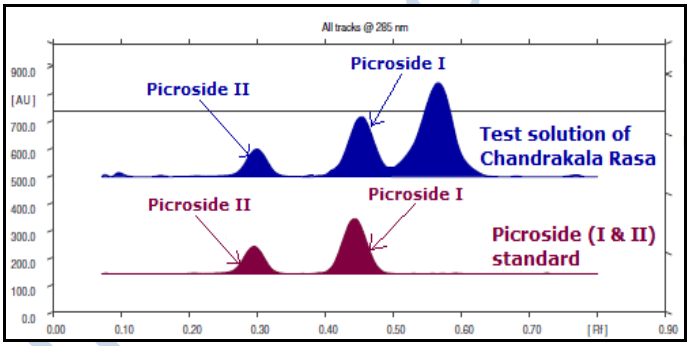
3D Peak Display of Chandrakala Rasa at 600 nm

HPTLC Profile[+]

i) Kutkin (Picroside I & II)

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 285 nm for Picroside I & 297 nm for Picroside II corresponding with Picroside I & Picroside II 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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