CHANDRAPRABHA (WITH LOHA-SHILAJATU)

Monograph No. – 0500014 *ver 3.0*

Issue No: 03
Date of Issue: 27/07/2017
Text Reference : Bharat Bhaishajya Ratnakar 2/1739

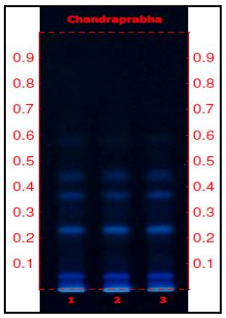
Amendment No : 03
Amendment Date : 03/01/2025
Shelf Life: 5 years



Description	Dark brown to black colour, round biconvex coated tablet having SDL mark on one side.
Loss on Drying at 105^0	Not more than 10 % 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	5.0 $\pm$ 0.5 mm
Diameter	8.0 $\pm$ 0.5 mm
Average Weight	304 mg $\pm$ 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 30 % w/w
Acid insoluble ash	Not more than 15 % w/w
Water soluble extractive	Not less than 25 % w/w
Alcohol soluble extractive	Not less than 20 % w/w
pH (1 % Aq. Solution)	5.0 - 7.0
Elemental assay	
Iron (Fe)	9 - 14 mg/tablet
Copper (Cu)	Not less than 0.15 mg/tablet

Thin Layer Chromatography

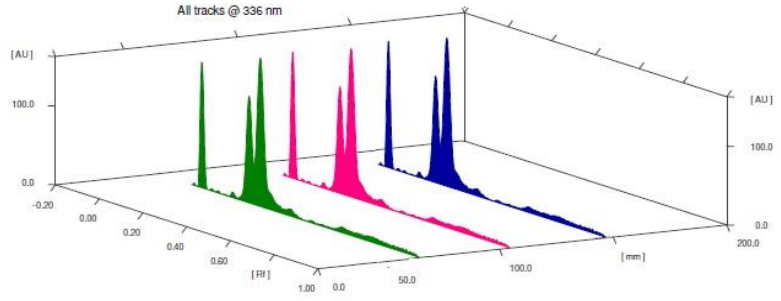
Solvent system	Toluene : Ethyl acetate (7 : 3)
Details	Solvent of Extraction – Methanol Distance traveled by solvent front – 90 mm Total No. of Major spots – 5 Visualization – Under UV at 366 nm



Major Spots	Colour	Approx. Rf.
1	Blue	0.06
2	Blue	0.24
3	Blue	0.37
4	Blue	0.43
5	Light Blue	0.58

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

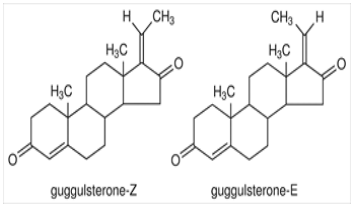


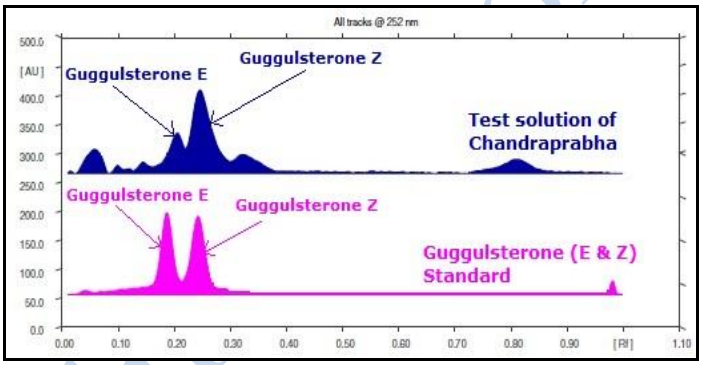
3D Peak Display of Chandraprabha (With Loha-Shilajatu) at 336 nm

HPTLC Profile[+]

i) Guggulsterone (E & Z)

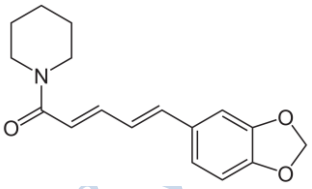
When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 252 nm corresponding with Guggulsterone (E & Z) standard.

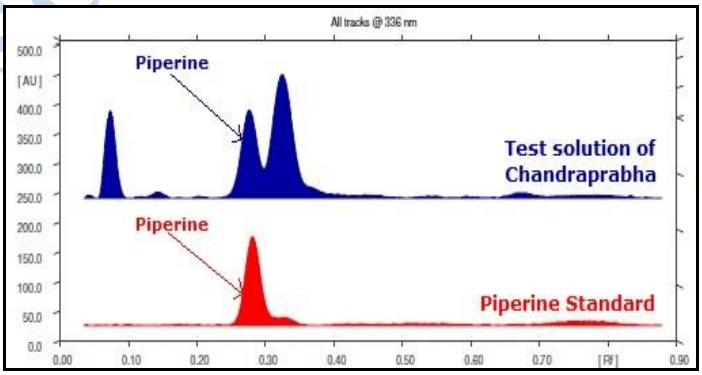




i) Piperine

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 336 nm corresponding with Piperine 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

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