CHITRAKADI GUTIKA

Monograph No. – 0500124 *ver 3.0*

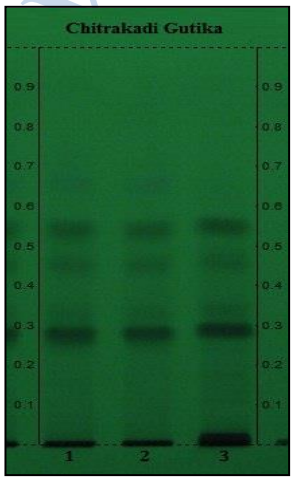
Issue No: 03 | Amendment No : 01

Date of Issue: 06/07/2024 | Amendment Date : 01/07/2025

Text Reference : Ayurvedic Formulary of India, Part-1/12:11 | Shelf Life: 5 years

Description	Grayish brown to brown colour, round biconvex coated tablet having SDL mark on one side.
Loss on Drying at 105^0	Not more than 7 % 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	305 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 61 % w/w
Acid insoluble ash	Not more than 5 % w/w
Water soluble extractive	Not less than 32 % w/w
Alcohol soluble extractive	Not less than 7 % w/w
pH (1 % Aq. Solution)	5.5 - 6.5
Elemental Assay	
Chloride	Not less than 52.3 mg/tablet
Thin Layer Chromatography Solvent system	Toluene : Ethyl Acetate (7 : 3)
Details	Solvent of Extraction – Methanol Solvent front – 90 mm Total No. of Major spots – 4 Detection – Under UV at 254 nm

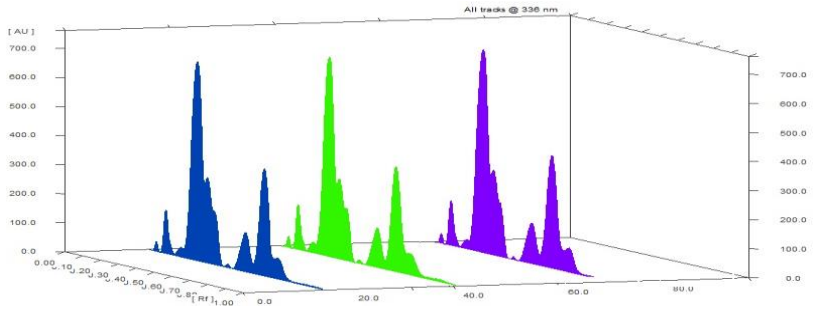




Major Spots	Colour	Approx. Rf.
1	Black	0.29
2	Light gray	0.33
3	Gray	0.46
4	Black	0.55

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

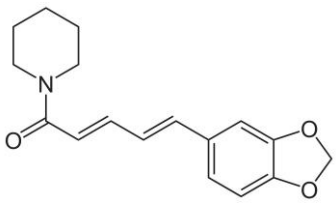


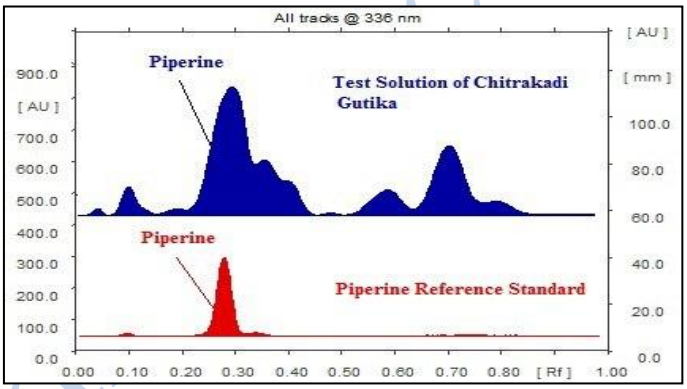
3D Peak Display of Chitrakadi Gutika at 336 nm

HPTLC Profile+

i) Piperine — Not less than 0.25 mg/tablet

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

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