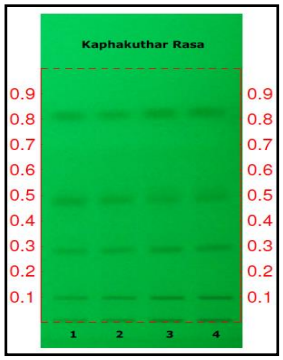
KAPHAKUTHAR RASA

Monograph No. – 0800094 *ver 3.0*

Issue No: 03
Date of Issue: 28/10/2016
Text Reference : Ayurved Sara Sangraha

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

Description	Gray to Dark gray colour, round biconvex 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 30 min.
Hardness	Not less than 2 kg/cm^2
Thickness	4.0 $\pm$ 0.5 mm
Diameter	8.0 $\pm$ 0.5 mm
Average Weight	285 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 40 % w/w
Acid insoluble ash	Not more than 20 % w/w
Water soluble extractive	Not less than 10 % w/w
Alcohol soluble extractive	Not less than 2 % w/w
pH (1% Aq. solution)	5.0 – 7.0
Elemental Assay	
Mercury (Hg)	30 – 38 mg/tablet
Iron (Fe)	21 - 27 mg/tablet
Copper (Cu)	18 - 26 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 Visualization – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Gray	0.10
2	Gray	0.28
3	Gray	0.47
4	Gray	0.81

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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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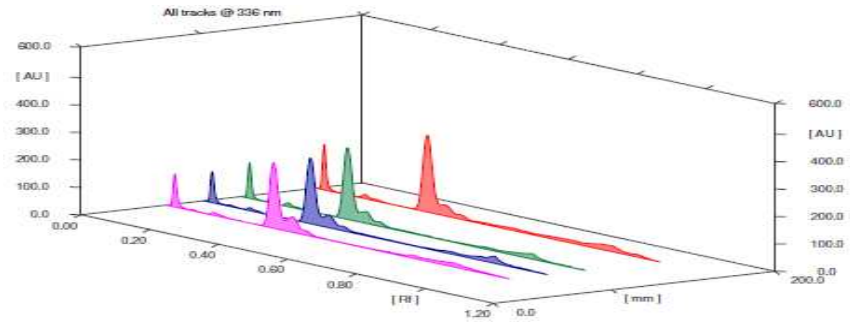
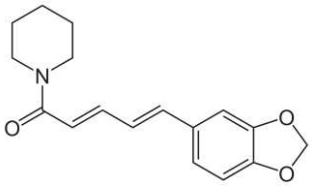


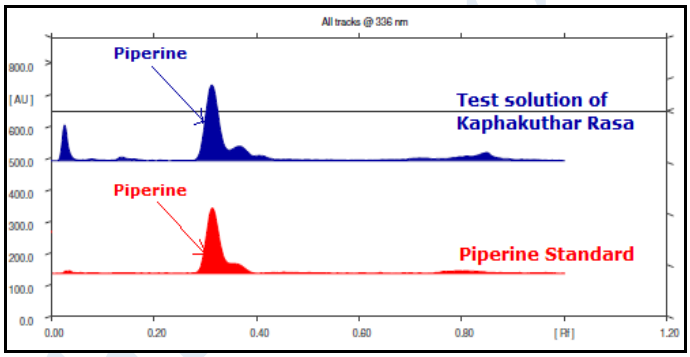
3D Peak Display of Kaphakuthar Rasa at 336 nm

HPTLC Profile+

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

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