EKANGAVEER RASA

Monograph No. – 0801884 *ver 3.0*

Issue No: 03
Date of Issue: 28/10/2016
Text Reference : Rasayogasagar 1/443

Amendment No : 03
Amendment Date : 24/01/2025
Shelf Life: 5 years

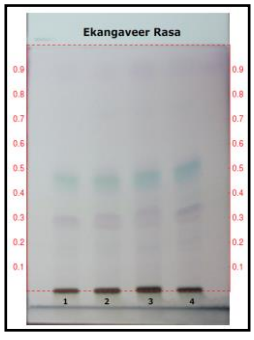
Description	Brownish gray colour, round convex tablet having SDL mark on one side.
Loss on Drying at 105^0	Not more than 7 % w/w
Friability	Not more than 1 % w/w
Disintegration Time	Not more than 30 min.
Hardness	Not less than 2 kg/cm^2
Thickness	4.5 $\pm$ 0.5 mm
Diameter	8.0 $\pm$ 0.5 mm
Average Weight	308 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 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 5 % w/w
pH (1 % Aq. Solution)	5.5 - 8.0
Elemental Assay	
Sulphur (S)	13 – 21 mg/tablet
Iron (Fe)	12 – 18 mg/tablet
Copper (Cu)	5.5 – 8 mg/tablet
Lead (Pb)	7 – 10 mg/tablet
Mercury (Hg)	8 – 12 mg/tablet



Thin Layer Chromatography

Solvent system Chloroform : Hexane : Toluene : Methanol
(3 : 4 : 3.5 : 0.5)
Solvent of Extraction – Methanol

Details



Solvent front – 90 mm

Total No. of Major spots – 4

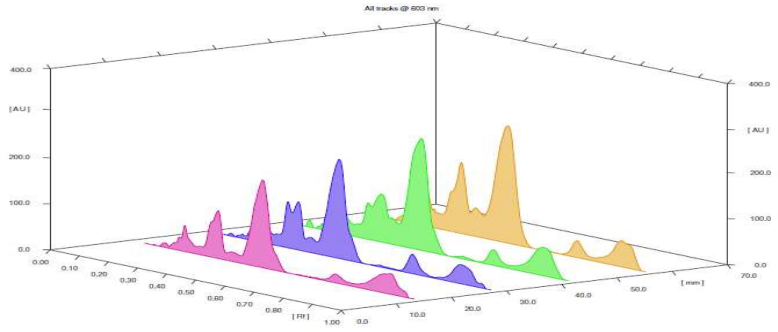
Visualization – After spraying with Anisaldehyde H_2SO_4

Major Spots	Colour	Approx. Rf.
1	Light Purple	0.29
2	Purple	0.33
3	Greenish Blue	0.46
4	Light Purple	0.90

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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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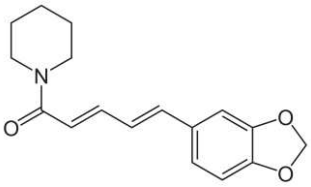


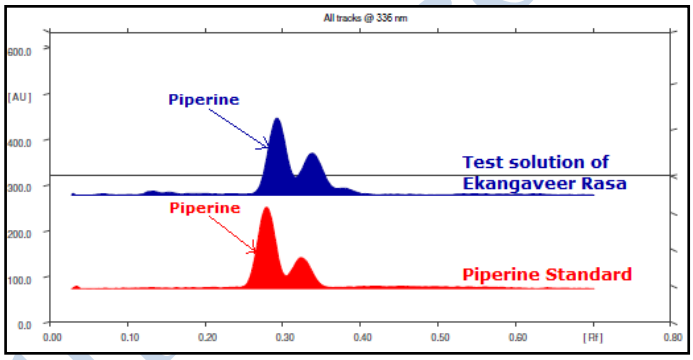
3D Peak Display of Ekangaveer Rasa at 603 nm

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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