AGNIKUMAR RASA

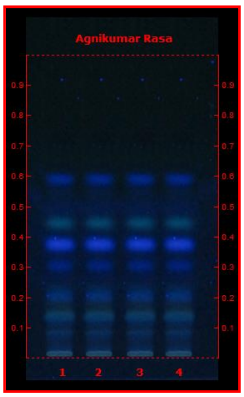
Monograph No. – 0800014 *ver 3.0*

Issue No: 03
Date of Issue: 28/10/2016
Text Reference : Bharat Bhaishajya Ratnakar 1/257

Amendment No : 02
Amendment Date : 16/07/2024
Shelf Life: 5 years



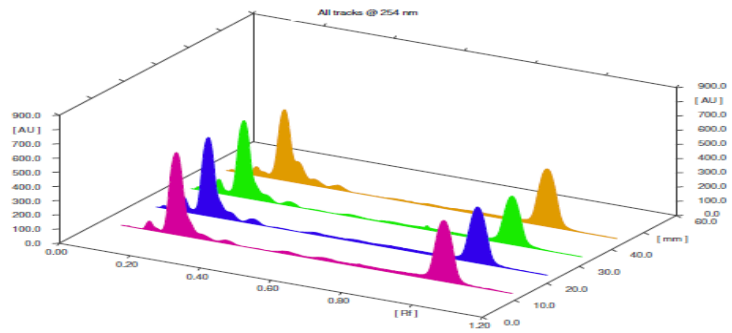
Description	Gray to Dark gray colour, round biconvex tablet having SDL mark on one side.
Loss on Drying at 105⁰	Not more than 6 % w/w
Friability	Not more than 1 % w/w
Disintegration Time	Not more than 30 min.
Hardness	Not less than 2 kg/cm^2
Thickness	4.5 $\pm$ 0.5 mm
Diameter	8.0 $\pm$ 0.5 mm
Average Weight	294 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 30 % w/w
Acid insoluble ash	Not more than 7 % w/w
Water soluble extractive	Not less than 20 % w/w
Alcohol soluble extractive	Not less than 4 % w/w
pH (1 % Aq. Solution)	8.0 - 10.5
Elemental Assay	
Mercury (Hg)	12 – 17 mg/tablet
Sulphur (S)	12 – 17 mg/tablet
Calcium (Ca)	20 – 28 mg/tablet
Thin Layer Chromatography Solvent system	Chloroform : Hexane : Methanol (5 : 4.8 : 0.2)
Details	Solvent of Extraction – Methanol Solvent front – 90 mm Total No. of Major spots – 7 Visualization – Under UV at 366 nm



Major Spots	Colour	Approx. Rf.
1	Light Blue	0.08
2	Light Blue	0.14
3	Blue	0.20
4	Blue	0.30
5	Fluorescent Blue	0.38
6	Light Blue	0.44
7	Fluorescent Blue	0.59

www.sdindia.com

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

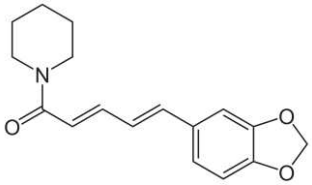


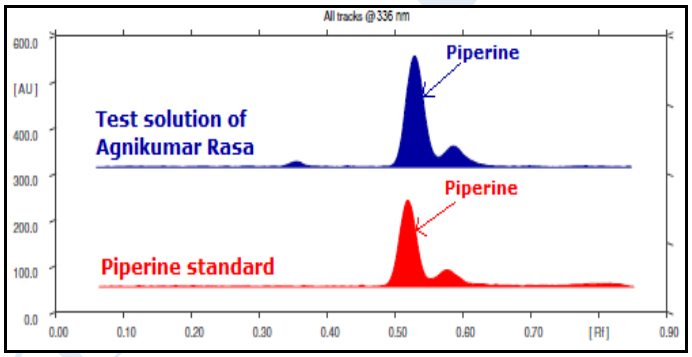
3D Peak Display of Agnikumar Rasa at 254 nm

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

www.sdsstandards.com

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