

UNMATTA RASA

Monograph No. – 0802504 ver 3.0

Issue No: 03

Date of Issue: 17/06/2023

Text Reference : Rasa Yogasagar Part-1/402

Amendment No : 00

Amendment Date : --

Shelf Life: 5 years

Description

Dark gray to black colour, round convex tablets having SDL mark on one side.

Loss on Drying at 105°

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/cm²

Thickness

4.7 ± 0.5 mm

Diameter

8.0 ± 0.5 mm

Average Weight

325 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 12 % w/w

Acid insoluble ash

Not more than 5 % w/w

Water soluble extractive

Not less than 8 % w/w

Alcohol soluble extractive

Not less than 2 % w/w

pH (1 % Aq. Solution)

5.0 – 6.5

Elemental Assay

Mercury (Hg)

50.0 – 75.0 mg/tablet

Sulphur (S)

50.0 – 75.0 mg/tablet

Thin Layer Chromatography Solvent system

Toluene : Ethyl acetate
(7 : 3)

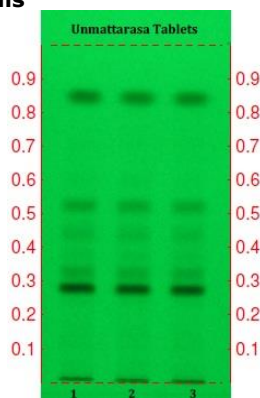
Details

Solvent of Extraction – Methanol

Solvent front – 90 mm

Total No. of Major spots – 5

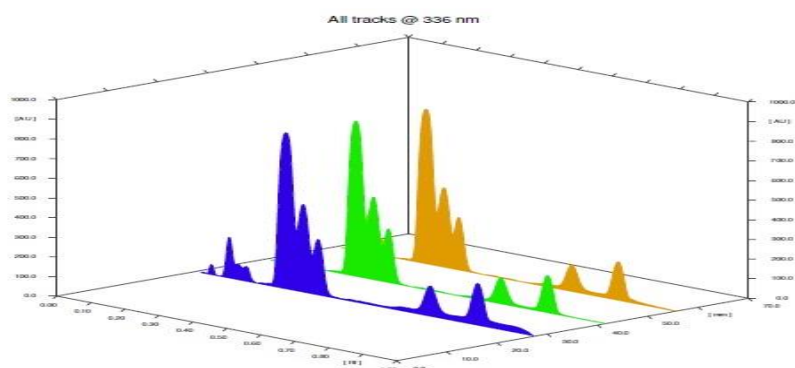
Visualization – Under UV at 254 nm



Major Spots	Colour	Approx. Rf
1	Black	0.28
2	Gray	0.33
3	Gray	0.45
4	Dark Gray	0.53
5	Black	0.85

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

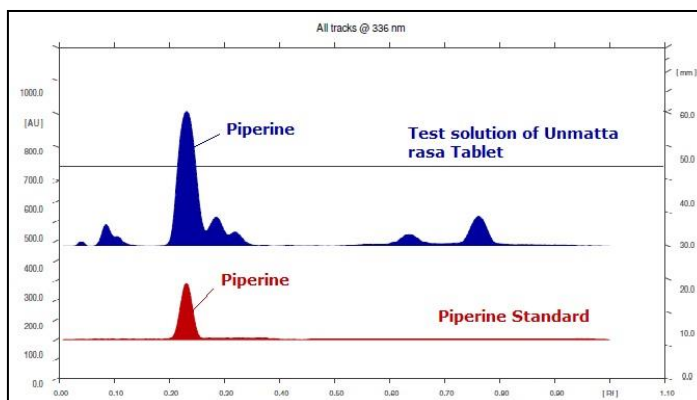
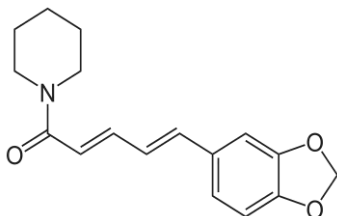


3D Peak Display of Unmatta Rasa at 336 nm

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.



<i>E. coli</i>	Absent/g
<i>P. aeruginosa</i>	Absent/g
<i>Salmonella sp.</i>	Absent/g
<i>Staphylococcus sp.</i>	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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