

GARBHAPAL RASA

Monograph No. – 0800074 ver 3.0

Issue No: 03

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Text Reference : Bharat Bhaishajya Ratnakar 2/1557

Amendment No : 03

Amendment Date : 16/07/2024

Shelf Life: 5 years

Description

Gray to Brown colour, round biconvex tablet having SDL mark on one side.

Loss on Drying at 105°

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/cm²

Thickness

5.0 ± 0.5 mm

Diameter

8.0 ± 0.5 mm

Average Weight

295 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 25 % w/w

Acid insoluble ash

Not more than 15 % w/w

Water soluble extractive

Not less than 15 % w/w

Alcohol soluble extractive

Not less than 13 % w/w

pH (1% Aq. Solution)

4.0 – 6.0

Elemental Assay

Lead (Pb)

7 – 13 mg/tablet

Mercury (Hg)

10 – 17 mg/tablet

Iron (Fe)

4 – 8 mg/tablet

Thin Layer Chromatography

Solvent system

Toluene : Ethyl acetate
(7 : 3)

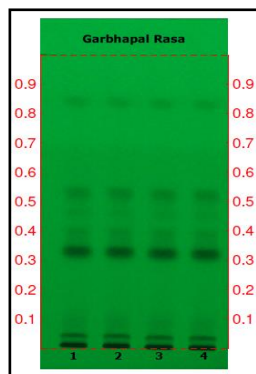
Details

Solvent of Extraction – Methanol

Solvent front – 90 mm

Total No. of Major spots – 6

Visualization – Under UV at 254 nm



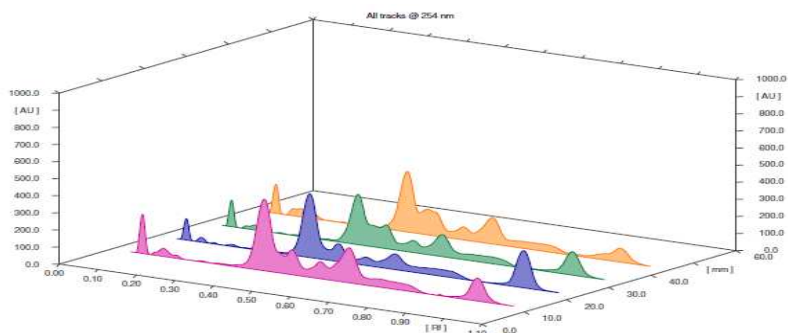
Major Spots	Colour	Approx. Rf.
1	Black	0.05
2	Black	0.33
3	Light Gray	0.40
4	Light Gray	0.46
5	Gray	0.53
6	Gray	0.84

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



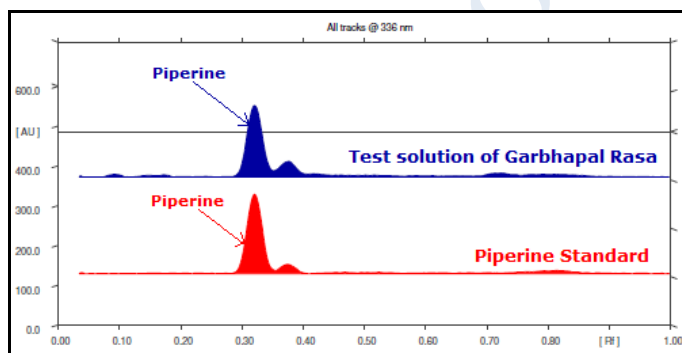
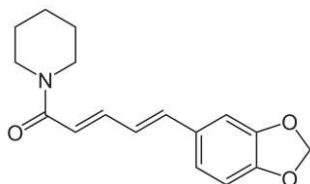


3D Peak Display of Garbhapa Rasa at 254 nm

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.



Acute Toxicity

Non-toxic when single dose (10 x therapeutic dose) administered orally

E. coli

Absent/g

P. aeruginosa

Absent/g

Salmonella sp.

Absent/g

Staphylococcus sp.

Absent/g

Total Microbial plate count (TPC)

Not more than 10⁵ c.f.u./g

Total Yeast & Mould count (TYMC)

Not more than 10³ c.f.u./g

Pesticide Residue[†] (OC+OP)

Complies as per API

Aflatoxins B1,B2,G1,G2[†]

Complies as per API