

KUTAJA PARPATI VATI

Monograph No. – 0801884 ver 3.0

Issue No: 03

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Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 02

Amendment Date : 05/03/2025

Shelf Life: 5 years

Description

Brown coloured, round biconvex coated tablets with 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 60 min.

Hardness

Not less than 2.5 kg/cm²

Thickness

5.5 ± 0.5 mm

Diameter

8.0 ± 0.5 mm

Average Weight

329 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 5 % w/w

Water soluble extractive

Not less than 15 % w/w

Alcohol soluble extractive

Not less than 8 % w/w

pH (1% Aq. Solution)

6.5 – 8.0

Elemental Assay

Calcium (Ca)

8.0 – 18.0 mg/tablet

Mercury (Hg)

8.0 – 16.0 mg/tablet

Sulphur (S)

8.0 – 12.0 mg/tablet

Thin Layer Chromatography

Solvent system

Toluene : Ethyl acetate : Diethylamine
(6.5 : 2.5 : 1)

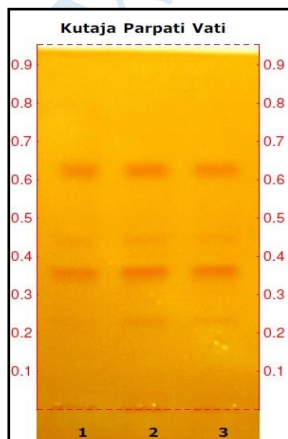
Details

Solvent of Extraction – Methanol + 0.5 ml Ammonia solution

Solvent front – 90 mm

Total No. of Major spots – 4

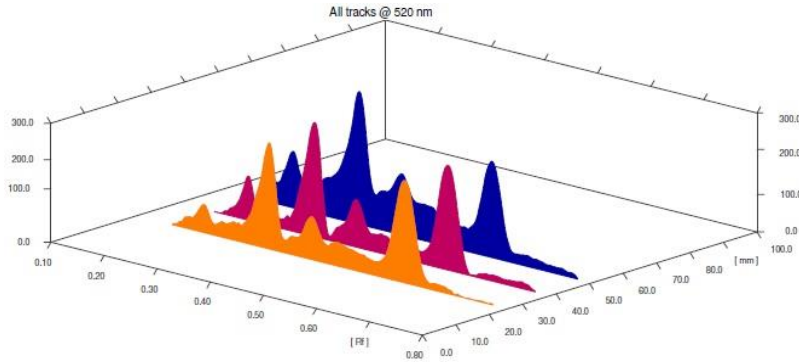
Visualization – After spraying Dragendroff's Reagent



Major Spots	Colour	Approx. Rf
1	Orange red	0.22
2	Dark Orange red	0.36
3	Orange red	0.45
4	Dark Orange red	0.62

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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 Kutaj Parpati Vati at 520 nm

<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