RAKTASTAMBHAK TABLETS

Monograph No. – 0702604 *ver 3.0*

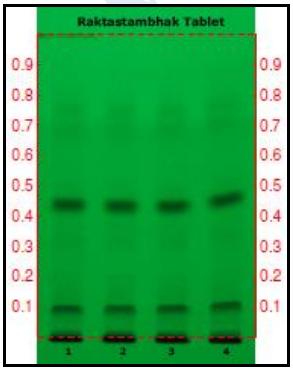
Issue No: 03 | Amendment No : 03

Date of Issue: 28/10/2016 | Amendment Date : 28/03/2025

Text Reference : Ayurvedic Proprietary Medicine | Shelf Life: 3 years



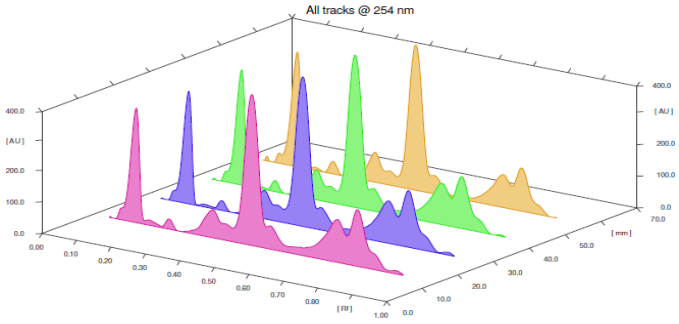
Description	Brick red to brown coloured, round biconvex coated tablets with SDL mark on one side.
Loss on Drying at 105⁰	Not more than 7 % w/w
Friability	Not more than 1 % w/w
Disintegration Time	Not more than 60 min.
Hardness	Not less than 2.0 kg/cm^2
Thickness	5.0 ± 0.5 mm
Diameter	12.0 ± 0.5 mm
Average Weight	605 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 33 % w/w
Acid insoluble ash	Not more than 11 % w/w
Water soluble extractive	Not less than 12 % w/w
Alcohol soluble extractive	Not less than 12 % w/w
pH (1% Aq. solution)	5.0 – 6.5
Elemental assay	
Iron (Fe)	Not less than 4 mg/tablet
Thin Layer Chromatography	
Solvent system	Toulene : Ethyl acetate (10 : 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	0.11
2	Gray	0.32
3	Black	0.45
4	Gray	0.69
5	Gray	0.75

www.sdindia.com

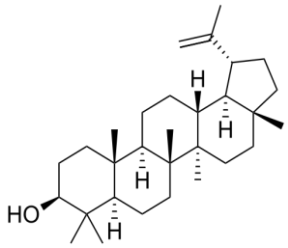
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.



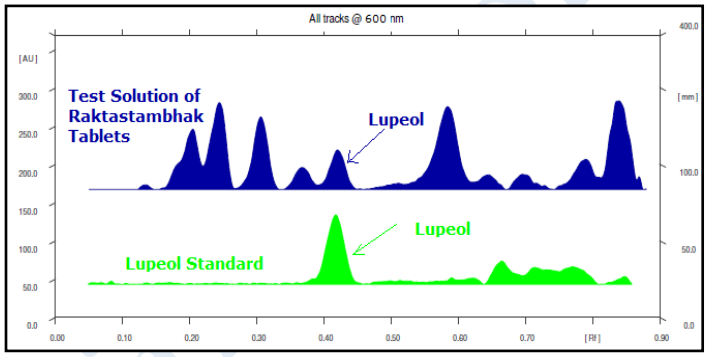
3D Peak Display of Raktastambhak Tablet at 254 nm

HPTLC Profile †

i) Lupeol



When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 600 nm corresponding with Lupeol 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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