BHASKAR LAVANA CHOORNA

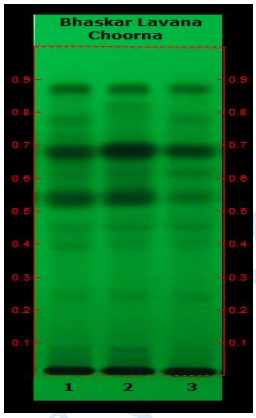
Monograph No. – 030023 *ver 3.0*

Issue No: 03
Date of Issue: 28/03/2017
Text Reference : Bhaishajya Ratnavali (Agnimandyadi) 10/79-87

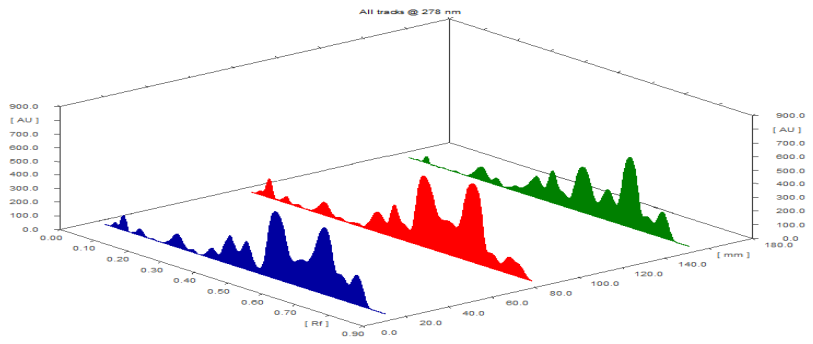
Amendment No : 01
Amendment Date : 16/12/2024
Shelf Life: 2 years



Description	Moderately fine to fine powder, Creamish brown colour, odour characteristic, taste acrid.
Loss on Drying at 105⁰	Not more than 7 % w/w
Ash	Not more than 46 % w/w
Acid Insoluble Ash	Not more than 12 % w/w
Water Soluble Extractive	Not less than 45 % w/w
Alcohol Soluble Extractive	Not less than 10 % w/w
Bulk Density	0.45 - 0.65 g/ml
Thin Layer Chromatography	
Solvent system	Toluene : Ethyl acetate : Formic acid (5 : 5 : 1)
Details	Solvent of Extraction – Methanol Solvent front – 90 mm Total No. of Major spots – 10 Detection – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Gray	0.06
2	Gray	0.08
3	Light Gray	0.24
4	Light Gray	0.39
5	Light Gray	0.45
6	Black	0.54
7	Gray	0.61
8	Black	0.68
9	Gray	0.78
10	Black	0.87



3D Peak Display of Bhaskar Lavana Choorna at 278 nm

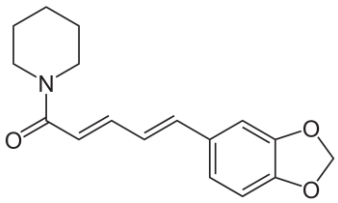
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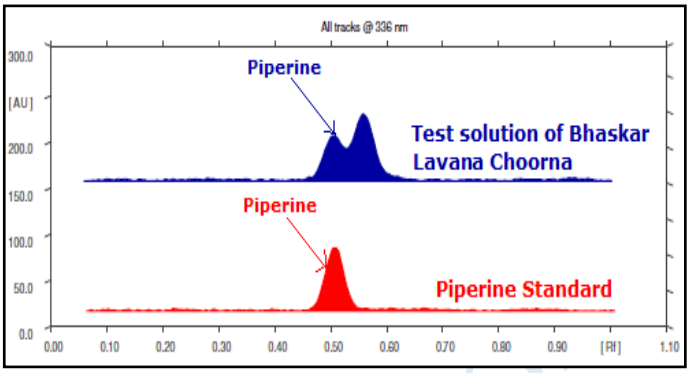
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[+]

i) Piperine

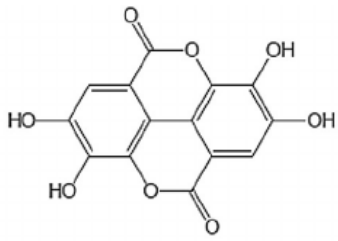
When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 336 nm corresponding with Piperine standard.

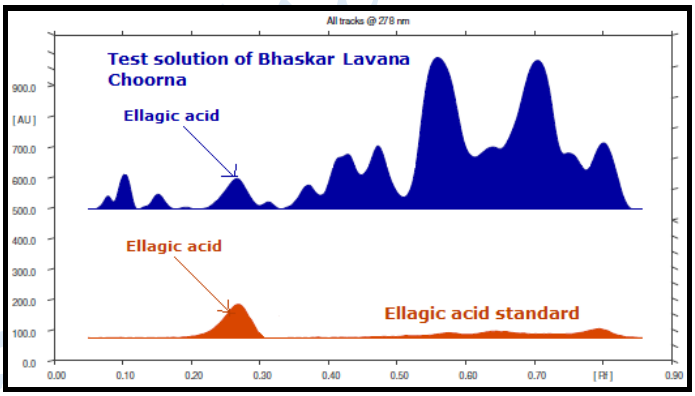




ii) Ellagic acid

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 278 nm corresponding with Ellagic acid standard.





Heavy metal

Lead (Pb)	NMT 10 ppm
Mercury (Hg)	NMT 1 ppm
Arsenic (As)	NMT 3 ppm
Cadmium (Cd)	NMT 0.3 ppm
E. coli	Absent/g
P. aeruginosa	Absent/g
Salmonella sp.	Absent/g
Staphylococcus sp.	Absent/g
Total Microbial plate count (TPC)	NMT 10^5 c.f.u./g
Total Yeast & Mould count (TYMC)	NMT 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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