TRIPHALA CHOORNA

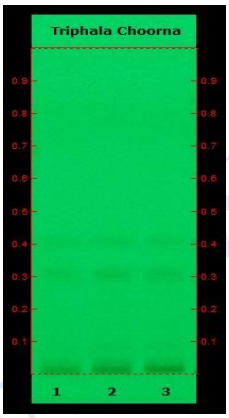
Monograph No. – 030015 *ver 3.0*

Issue No: 03
Date of Issue: 28/03/2017
Text Reference : Bhavaprakash Nighantu (Haritakyadi Varga)

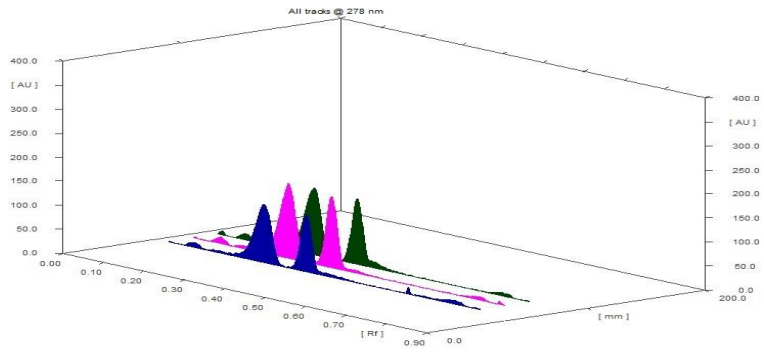
Amendment No : 02
Amendment Date : 16/12/2024
Shelf Life: 2 years



Description	Moderately fine to fine powder, Light yellow colour, odour pleasant, taste astringent.
Loss on Drying at 105⁰	Not more than 10 % w/w
Ash	Not more than 6 % w/w
Acid Insoluble Ash	Not more than 2 % w/w
Water Soluble Extractive	Not less than 40 % w/w
Alcohol Soluble Extractive	Not less than 30 % w/w
pH (10% Aqueous solution)	2.8 – 4.5
Bulk Density	0.45 – 0.65 g/ml
Thin Layer Chromatography Solvent system	Chloroform : Ethyl acetate : Formic acid (5 : 4 : 1.6)
Details	Solvent of Extraction – Methanol Solvent front – 90 mm Total No. of Major spots – 2 Detection – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Light Gray	0.31
2	Light Gray	0.40



3D Peak Display of Triphala Choorna at 278 nm

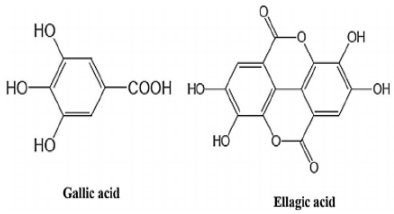
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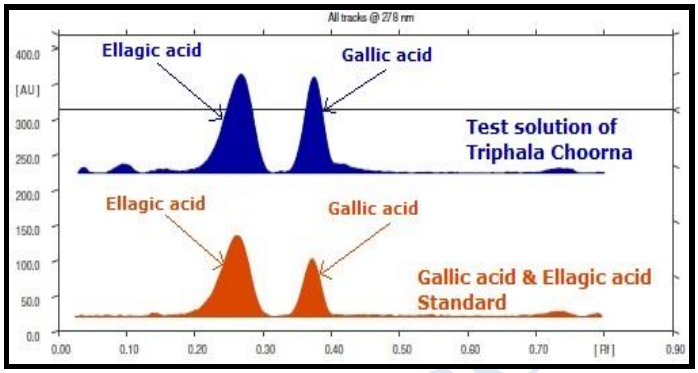
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[+]

i) Total Polyphenols (as Gallic acid & Ellagic acid)

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 290 nm for Gallic acid & 278 nm for Ellagic acid corresponding with Gallic acid & 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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Note : [†] : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.