KRUMIKUTHAR RASA

Monograph No. – 0800294 *ver 3.0*

Issue No: 03
Date of Issue: 28/10/2016
Text Reference : Nighantu Ratnakar (Krumi)

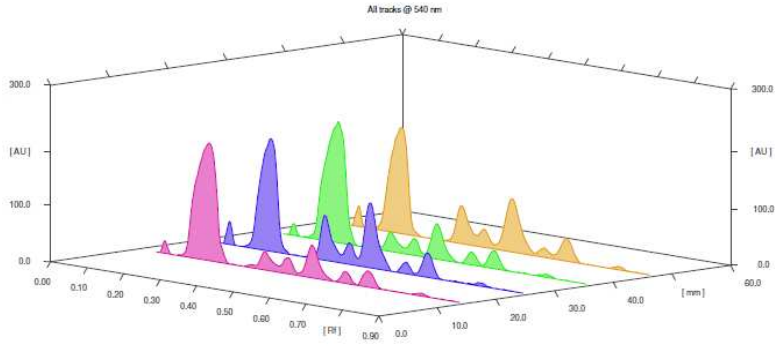
Amendment No : 03
Amendment Date : 22/07/2022
Shelf Life: 5 years

Description	Brown to dark brown colour, round convex coated tablet having SDL mark on one side.
Loss on Drying at 105^0	Not more than 15 % w/w
Friability	Not more than 1 % w/w
Disintegration Time	Not more than 60 min.
Hardness	Not less than 2 kg/cm^2
Thickness	5.0 $\pm$ 0.5 mm
Diameter	8.0 $\pm$ 0.5 mm
Average Weight	245 - 282 mg
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 20 % w/w
Alcohol soluble extractive	Not less than 20 % w/w
pH (1 % Aq. Solution)	4.5 - 5.5
Elemental Assay	
Mercury (Hg)	2.0 – 6.0 mg/tab
Sulphur (S)	0.80 – 1.20 mg/tab
Thin Layer Chromatography Solvent system	Chloroform : Hexane : Acetonitrile (5 : 4.6 : 0.4)
Details	Solvent of Extraction – Methanol Solvent front – 90 mm Total No. of Major spots – 8 Detection – After spraying Anisaldehyde H_2SO_4

Major Spots	Colour	Approx. Rf.
1	Gray	0.04
2	Violet	0.15
3	Gray	0.33
4	Light Gray	0.39
5	Gray	0.44
6	Light Gray	0.54
7	Light Purple	0.62
8	Black	0.94

www.sdindia.in

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

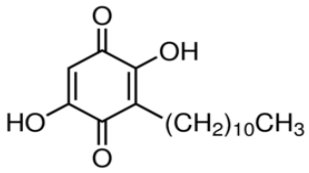


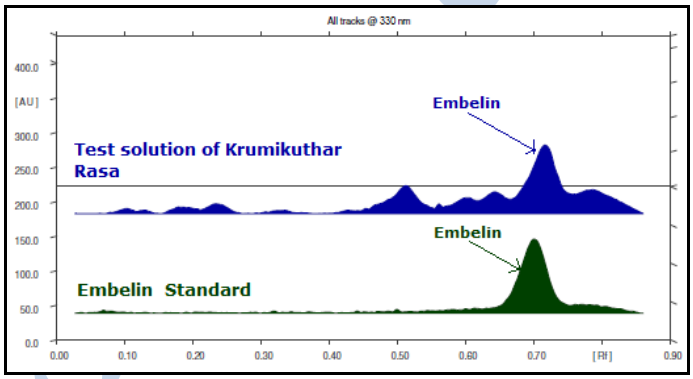
3D Peak Display of Krumikuthar Rasa at 540 nm

HPTLC Profile[+]

i) Embelin

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 330 nm corresponding with Embelin standard.





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

www.sdsindia.com

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