

KAMADUGHA (WITH MOUKTIK)

Monograph No. – 0500044 ver 3.0

Issue No: 03

Amendment No : 02

Date of Issue: 27/07/2017

Amendment Date : 14/06/2023

Text Reference : Rasayogasagar 1/157

Shelf Life: 5 years

Description

Light orange to light red colour, round biconvex tablet having 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 30 min.

Hardness

Not less than 2 kg/cm²

Thickness

4.0 ± 0.5 mm

Diameter

8.0 ± 0.5 mm

Average Weight

312 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 85 % w/w

Acid insoluble ash

Not more than 15 % w/w

Water soluble extractive

Not less than 3 % w/w

Alcohol soluble extractive

Not less than 0.5 % w/w

pH (1 % Aq. Solution)

10.0 - 12.0

Elemental Assay

Calcium (Ca)

Not less than 60 mg/tab

Thin Layer Chromatography Solvent system

Chloroform : 1,2 Dichloromethane
(8.4 : 1.6)

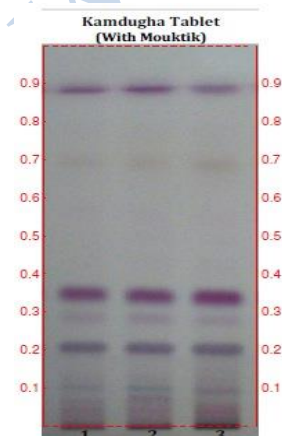
Details

Solvent of Extraction – Chloroform

Distance traveled by solvent front – 90 mm

Total No. of Major spots – 5

Detection – After spraying Anisaldehyde H₂SO₄

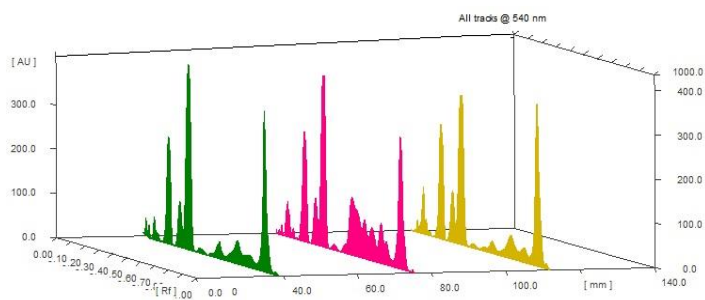


Major Spots	Colour	Approx. Rf.
1	Violet	0.21
2	Light Pink	0.28
3	Purple	0.35
4	Pale Yellow	0.69
5	Purple	0.89

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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 Kamadugha (With Mouktik) at 540 nm

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