

KAKLARAKSHAK YOG

Monograph No. – 0703584 ver 3.0

Issue No: 03

Date of Issue: 01/08/2020

Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 01

Amendment Date : 05/03/2025

Shelf Life: 5 years

Description

Yellow coloured round shape film coated tablet having SDL mark on one side.

Loss on Drying at 105°

Not more than 8 % w/w

Friability

Not more than 1 % w/w

Disintegration Time

Not more than 60 min.

Hardness

Not less than 2 kg/cm²

Thickness

6.0 ± 0.5 mm

Diameter

12.5 ± 0.5 mm

Average Weight

680 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 18 % w/w

Acid insoluble ash

Not more than 8 % w/w

Water soluble extractive

Not less than 13 % w/w

Alcohol soluble extractive

Not less than 8 % w/w

pH (1% Aq. solution)

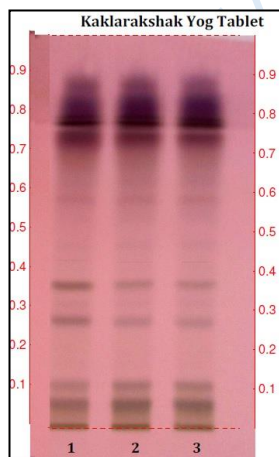
5.0 – 7.0

Thin Layer Chromatography

Solvent system

Toluene : Acetone : Water
(5 : 15 : 1)
Solvent of Extraction – Methanol

Details



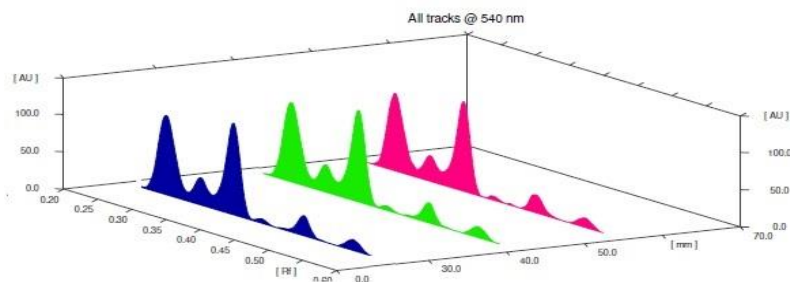
Solvent front – 90 mm

Total No. of Major spots – 9

Visualization – After spraying Anisaldehyde H₂SO₄

Major Spots	Colour	Approx. Rf.
1	Greenish gray	0.07
2	Violet	0.11
3	Violet	0.27
4	Greenish gray	0.36
5	Light violet	0.43
6	Pink	0.58
7	Dark Violet	0.74
8	Dark Violet	0.78
9	Dark Violet	0.87



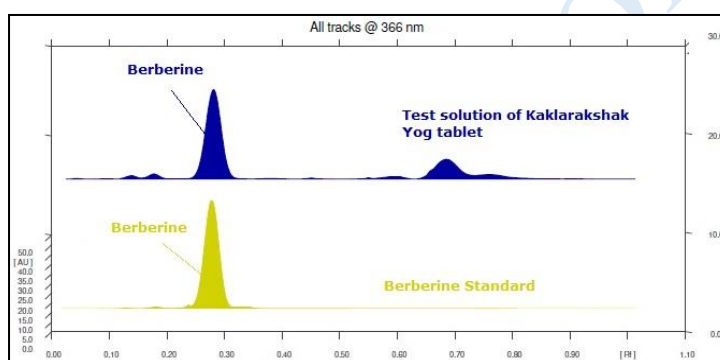
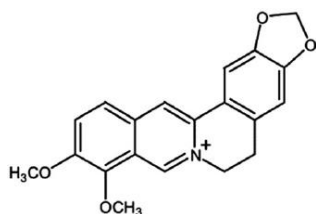


3D Peak Display of Kaklarakshak Yog at 540 nm

HPTLC Profile⁺

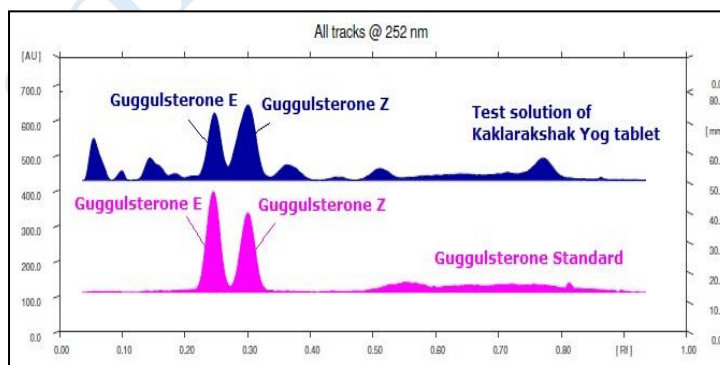
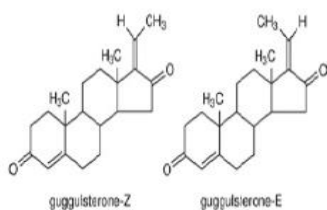
i) Berberine

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 366 nm corresponding with Berberine standard.

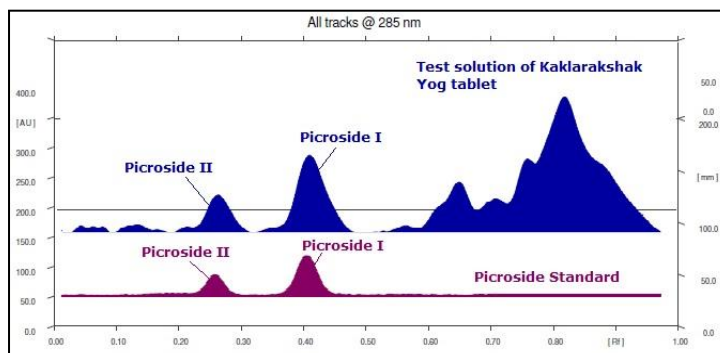
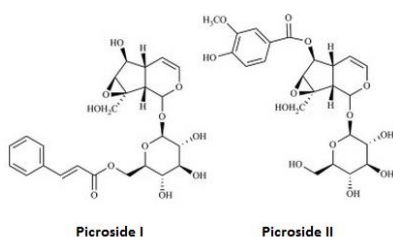


ii) **Guggulsterone**
(E & Z)

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 252 nm corresponding with Guggulsterone (E & Z) standard.

iii) **Picroside II**

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 285 nm for Picroside I & 266 nm for Picroside II corresponding with Picroside I & Picroside II standard.

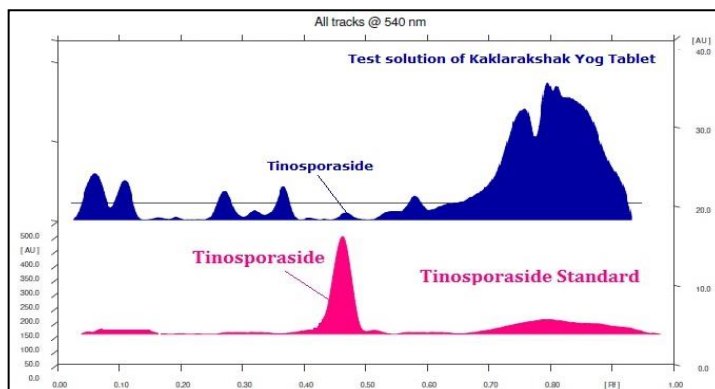
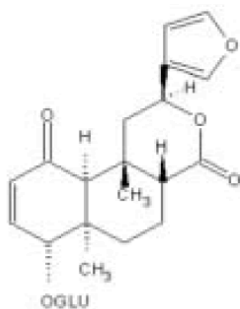


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Note : [†] : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

iv) Tinosporaside

When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 540 nm corresponding with Tinosporaside standard.



Heavy metal

Lead (Pb)

Not more than 10 ppm

Mercury (Hg)

Not more than 1 ppm

Arsenic (As)

Not more than 3 ppm

Cadmium (Cd)

Not more than 0.3 ppm

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