

## SANDHIRUJANTAK TEL

Monograph No. – 070370 ver 3.0

Issue No: 03

Date of Issue: 08/03/2024

Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 00

Amendment Date : --

Shelf Life: 3 years

### Description

Golden yellow to reddish brown colour oil with pleasant odour.

### Weight per ml at 30°

0.89 – 1.01 g/ml

### Refractive Index at 30°

1.460 – 1.480

### Saponification value

80.0 – 95.0

### Iodine value

60.0 – 85.0

### Acid value

Not more than 6

### Peroxide value

Not more than 12

### Thin Layer Chromatography

#### Solvent system

Toluene : Ethyl Acetate  
( 9.3 : 0.7 )

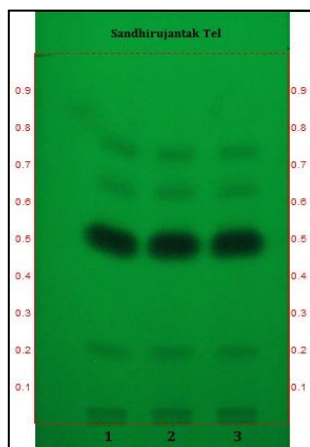
#### Details

Solvent of Extraction – Methanol

Solvent front – 90 mm

Total No. of Major spots – 4

Detection – Under UV at 254 nm

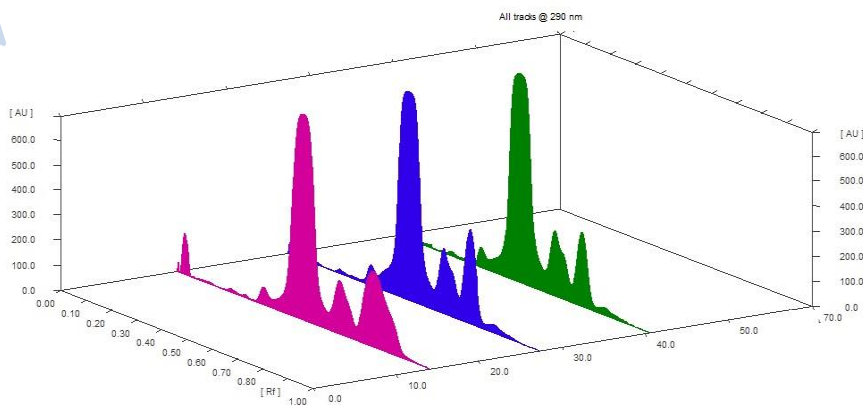


#### Major Spots

#### Colour

#### Approx. Rf.

1	Gray	0.19
2	Black	0.49
3	Gray	0.63
4	Gray	0.73



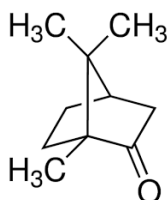
3D Peak Display of Sandhirujantak Tel at 290 nm

**Confidential – photocopy prohibited**

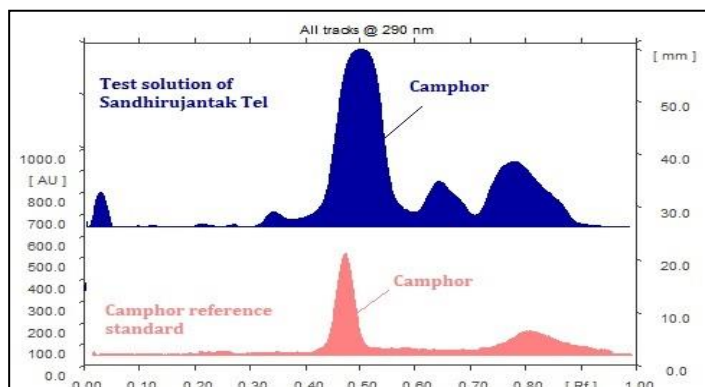
Note : <sup>†</sup> : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

## HPTLC Profile<sup>†</sup>

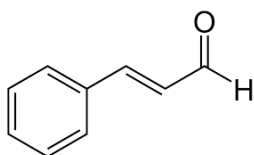
### i) Camphor



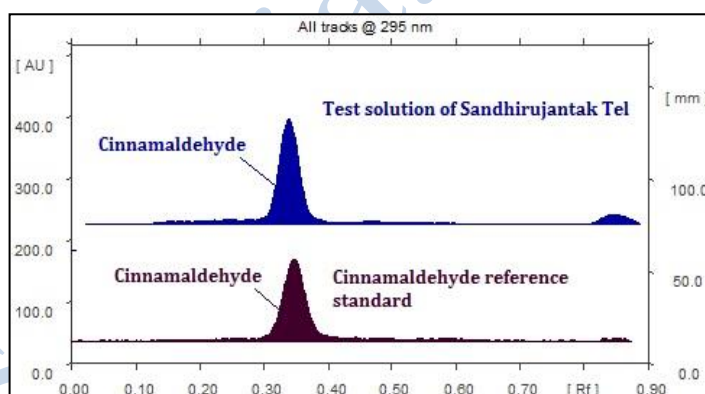
When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 290 nm corresponding with Camphor reference standard.



### ii) Cinnamaldehyde



When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 295 nm corresponding with Cinnamaldehyde reference standard.



## Heavy metal

<b>Lead (Pb)</b>	Not more than 10 ppm
<b>Mercury (Hg)</b>	Not more than 1 ppm
<b>Arsenic (As)</b>	Not more than 3 ppm
<b>Cadmium (Cd)</b>	Not more than 0.3 ppm

***E. coli*** Absent/ml

***P. aeruginosa*** Absent/ml

***Salmonella sp.*** Absent/ml

***Staphylococcus sp.*** Absent/ml

**Total Microbial plate count (TPC)** Not more than 10<sup>7</sup> c.f.u./ml

**Total Yeast & Mould count (TYMC)** Not more than 10<sup>3</sup> c.f.u./ml

**Pesticide Residue<sup>†</sup> (OC+OP)** Complies as per API

**Aflatoxins B1,B2,G1,G2<sup>†</sup>** Complies as per API