

DHOOTAPAPESHWAR PAIN RELIEF OIL

Monograph No. – 070363 ver 3.0

Issue No: 03

Date of Issue: 01/12/2022

Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 00

Amendment Date : --

Shelf Life: 3 years

Description

Golden yellow colour transparent oil, with characteristic odour

Weight per ml

0.90 - 1.00 g/ml

Refractive Index

1.470-1.500

Saponification value

135.0 – 195.0

Iodine value

65.0 – 115.0

Acid value

Not more than 4

Peroxide value

Not more than 7

Thin Layer Chromatography Solvent system

Toluene : Ethyl Acetate
(9.3 : 0.7)

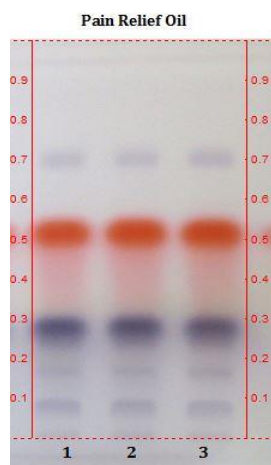
Details

Solvent of Extraction – Methanol

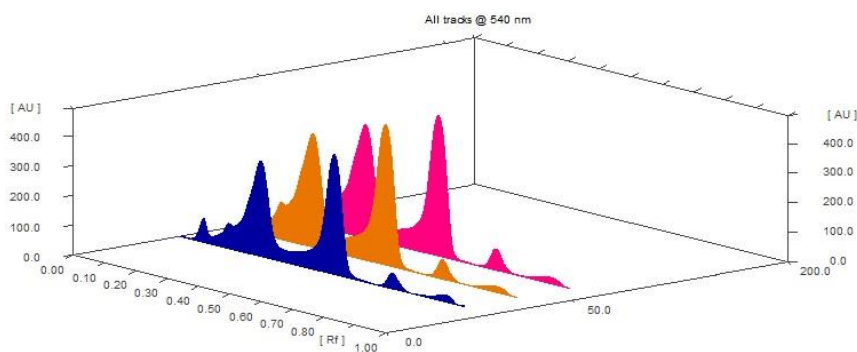
Solvent front – 90 mm

Total No. of Major spots – 5

Detection – After spray with Anisaldehyde sulfuric acid reagent



Major Spots	Colour	Approx. Rf.
1	Light violet	0.08
2	Light violet	0.16
3	Violet	0.29
4	Bright orange	0.52
5	Light violet	0.71



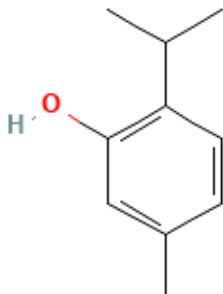
3D Peak Display of Pain Relief Oil at 540 nm

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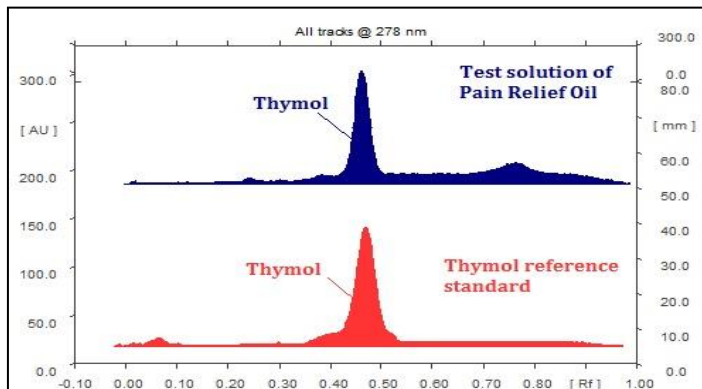
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[†]

i) Thymol



When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 278 nm corresponding with Thymol 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/ml
P. aeruginosa	Absent/ml
Salmonella sp.	Absent/ml
Staphylococcus sp.	Absent/ml
Total Microbial plate count (TPC)	NMT 10 ⁷ c.f.u./ml
Total Yeast & Mould count (TYMC)	NMT 10 ³ c.f.u./ml
Pesticide Residue[†] (OC+OP)	Complies as per API
Aflatoxins B1,B2,G1,G2[†]	Complies as per API