

DHOOTAPAPESHWAR PAIN RELIEF LINIMENT

Monograph No. – 070365 ver 3.0

Issue No: 03

Date of Issue: 15/11/2022

Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 00

Amendment Date : --

Shelf Life: 3 years

Description

Golden yellow colour transparent liniment, with characteristic odour.

Weight per ml

0.88 – 0.98 g/ml

Refractive Index

1.470 - 1.500

Saponification Value

50.0 – 90.0

Iodine value

30.0 – 80.0

Acid Value

Not more than 4.0

Peroxide value

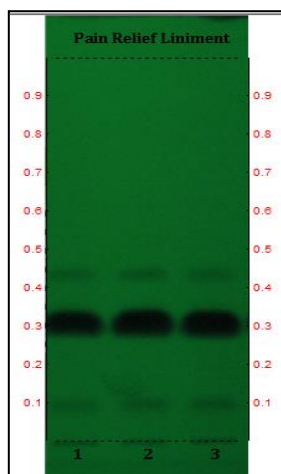
Not more than 7.0

Thin Layer Chromatography Solvent system

Toluene : Ethyl Acetate
(19.5 : 0.5)



Details



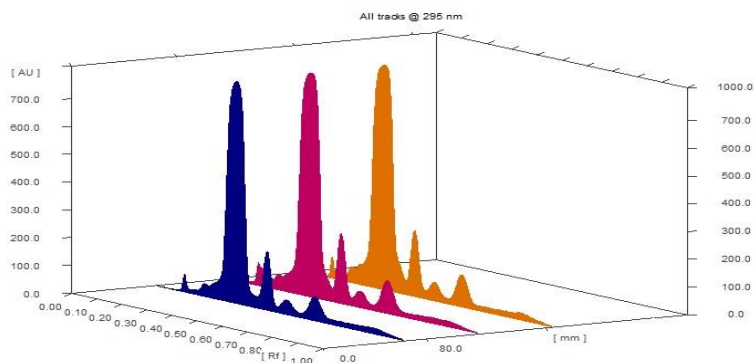
Solvent of Extraction – Methanol

Solvent front – 90 mm

Total No. of Major spots – 3

Detection – Under UV at 254nm

Major Spots	Colour	Approx. Rf.
1	Gray	0.10
2	Black	0.31
3	Gray	0.44



3D Peak Display of Pain Relief Liniment at 295 nm

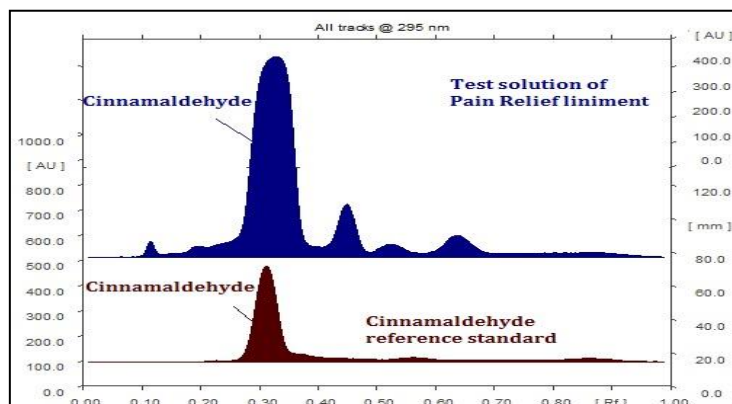
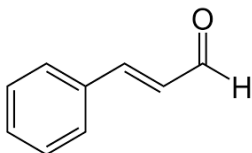
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Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[†]

i) 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 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