

## PYROFLEX LINIMENT

Monograph No. – 070234 ver 3.0

Issue No: 03

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Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 01

Amendment Date : 04/01/2022

Shelf Life: 3 years

### Description

Transparent red coloured oil, Smell characteristic cool, slightly irritating & warm to skin on application.

### Solubility

Insoluble in water; sparingly soluble in alcohol (95%), freely soluble in petroleum ether, in benzene, and in dichloromethane.



### Weight per ml

0.85 - 0.95 gm / ml

### Refractive Index

1.4650 – 1.4760

### Iodine Value

30 – 45

### Thin Layer Chromatography Mobile Phase

Toluene : Ethyl acetate  
( 7 : 3 )

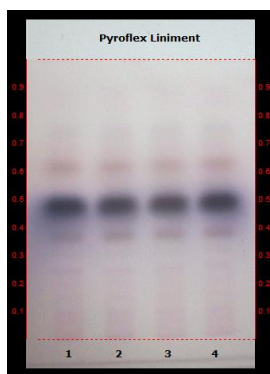
### Details

Solvent of Extraction – Methanol

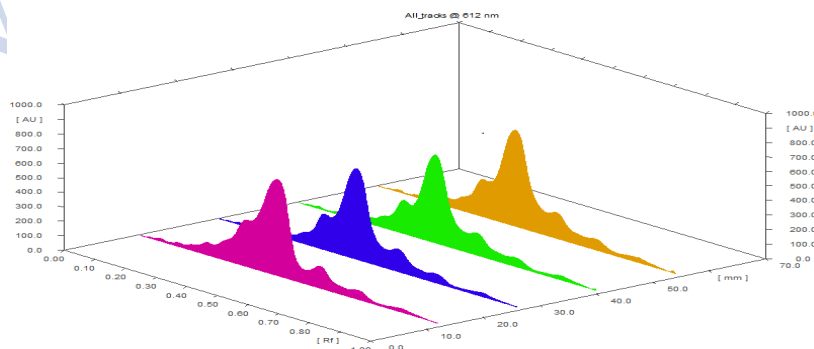
Solvent front – 90 mm

Total No. of Major spots – 4

Detection – After spraying with anisaldehyde H<sub>2</sub>SO<sub>4</sub>



Major Spots	Colour	Approx. Rf.
1	Light Gray	0.25
2	Light Gray	0.37
3	Bluish Gray	0.48
4	Light Brown	0.62



3D Peak Display of Pyroflex Liniment at 612 nm

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

## Heavy metal

<b>Lead (Pb)</b>	NMT 10 ppm
<b>Mercury (Hg)</b>	NMT 1 ppm
<b>Arsenic (As)</b>	NMT 3 ppm
<b>Cadmium (Cd)</b>	NMT 0.3 ppm
<b>E. coli</b>	Absent/ml
<b>P. aeruginosa</b>	Absent/ml
<b>Salmonella sp.</b>	Absent/ml
<b>Staphylococcus sp.</b>	Absent/ml
<b>Total Microbial plate count (TPC)</b>	NMT 10 <sup>5</sup> c.f.u./ml
<b>Total Yeast &amp; Mould count (TYMC)</b>	NMT 10 <sup>3</sup> c.f.u./ml
<b>Pesticide Residue<sup>†</sup> (OC+OP)</b>	Complies as per API
<b>Aflatoxins B1,B2,G1,G2<sup>†</sup></b>	Complies as per API