

PYROFLEX GEL

Monograph No. – 070233 ver 3.0

Issue No: 03

Date of Issue: 28/10/2016

Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 01

Amendment Date : 03/09/2024

Shelf Life: 3 years

Description

Light yellow coloured, viscous, creamy preparation with a glossy surface, odour-pleasant and characteristic.



Loss on Drying at 105°

Not less than 80 % w/w

pH (5% aqueous solution)

5.5 - 6.5

Bulk Density

0.95 - 1.05 g/ml

Total Volatile Matter

21 - 25 % w/w

Thin Layer Chromatography Mobile Phase

Toluene : Ethyl acetate
(7 : 3)

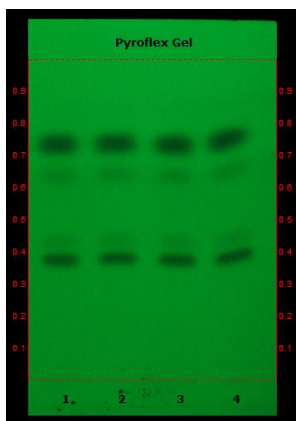
Details

Solvent of Extraction – Methanol

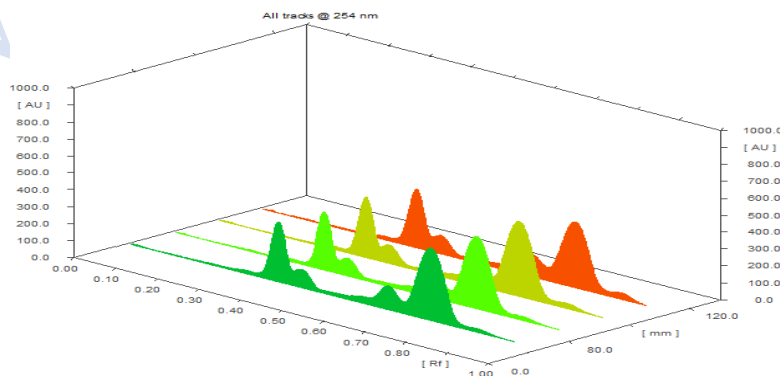
Solvent front – 90 mm

Total No. of Major spots – 4

Detection – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Black	0.37
2	Light Gray	0.43
3	Light Gray	0.63
4	Black	0.73



3D Peak Display of Pyroflex Gel at 254 nm

Confidential – photocopy prohibited

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

Heavy metal

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

www.sdlindia.com