

## PYROFLEX GEL

Monograph No. – 070233 ver 3.0

Issue No: 03

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Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 00

Amendment Date : --

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

### Total Volatile Matter

21 – 25 % w/w

### Thin Layer Chromatography Mobile Phase

Toluene : Ethyl acetate  
( 7 : 3 )

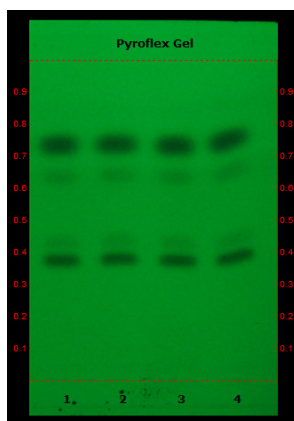
### Details

Solvent of Extraction – Methanol

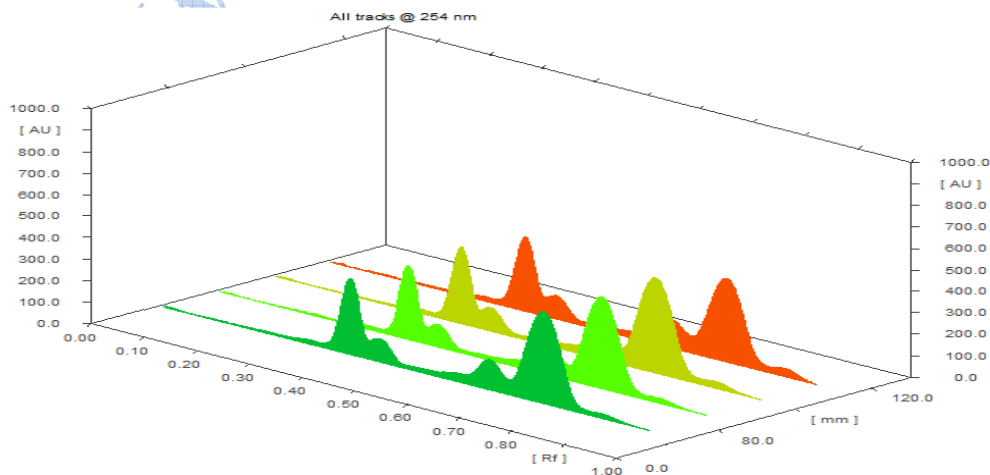
Solvent front – 90 mm

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

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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 <sup>†</sup></b>	Absent/g
<b>P. aeruginosa <sup>†</sup></b>	Absent/g
<b>Salmonella sp. <sup>†</sup></b>	Absent/g
<b>Staphylococcus sp. <sup>†</sup></b>	Absent/g
<b>Total Microbial plate count (TPC) <sup>†</sup></b>	NMT 10 <sup>5</sup> c.f.u./g
<b>Total Yeast &amp; Mould count<sup>†</sup></b>	NMT 10 <sup>3</sup> c.f.u./g
<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