

NIROCIL SYRUP

Monograph No. – 070228 ver 3.0

Issue No: 03

Date of Issue: 28/10/2016

Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 03

Amendment Date : 23/03/2024

Shelf Life: 3 years

Description

Reddish brown coloured syrupy viscous liquid; taste – sweet and slightly bitter, odour – characteristic that of pineapple flavour.

Brix

45 – 55 %

Specific gravity at 25°

1.2 - 1.3 g/ml

Refractive Index

1.40 - 1.45

pH

5.0 - 6.0

Thin Layer Chromatography

Mobile Phase

Hexane : Ethyl acetate : Acetone
(6 : 3 : 1)

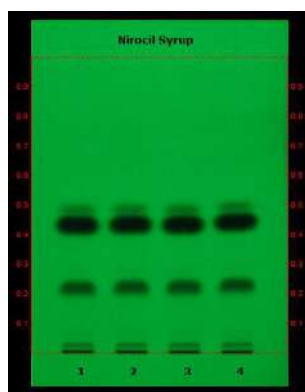
Details

Solvent of Extraction – Ethyl acetate

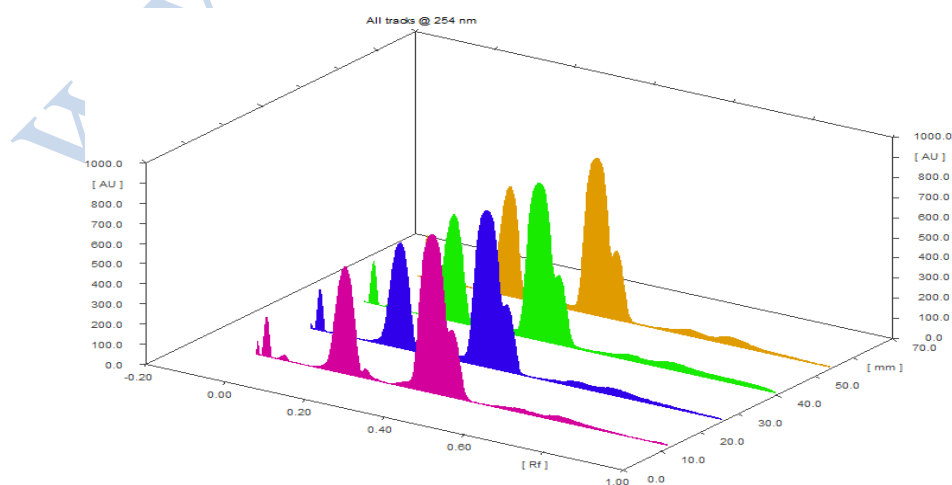
Solvent front – 90 mm

Total No. of Major spots – 4

Detection – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Gray	0.03
2	Gray	0.22
3	Black	0.44
4	Gray	0.49



3D Peak Display of Nirocil Syrup 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

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/ml
<i>P. aeruginosa</i>	Absent/ml
<i>Salmonella sp.</i>	Absent/ml
<i>Staphylococcus sp.</i>	Absent/ml
Total Microbial plate count (TPC)	NMT 10 ⁵ 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