

HONICOF SYRUP

Monograph No. – 070217 ver 3.0

Issue No: 03

Date of Issue: 28/10/2016

Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 00

Amendment Date : --

Shelf Life: 3 years

Description

Dark brown coloured syrupy viscous liquid, taste sweet and mentholated, odour characteristic of lemon & Ginger



Brix

55.0 – 65.0 %

Specific Gravity

1.2 - 1.3 g/ml

Refractive Index

1.40 - 1.45

pH

5.0 – 6.0

Acute Toxicity

Nontoxic when single dose (10 x therapeutic dose) administered orally

Thin Layer Chromatography

Mobile Phase

Toulene : ethyl acetate : glacial acetic acid
(9 : 1 : 0.1)

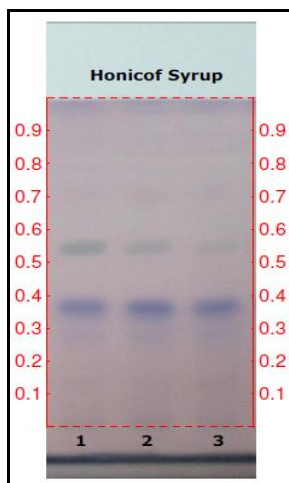
Details

Solvent of Extraction – Ammonia solution + Water + Chloroform

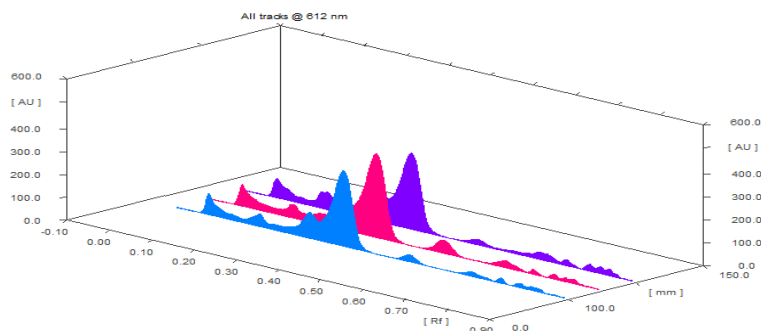
Solvent front – 90 mm

Total No. of Major spots – 4

Detection – After spraying with anisaldehyde H_2SO_4



| Major Spots | Colour | Approx. Rf. |
|-------------|------------|-------------|
| 1 | Light Blue | 0.25 |
| 2 | Blue | 0.36 |
| 3 | Gray | 0.54 |
| 4 | Pink | 0.70 |



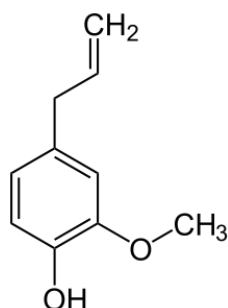
3D Peak Display of Honicof syrup at 612 nm

Confidential – photocopy prohibited

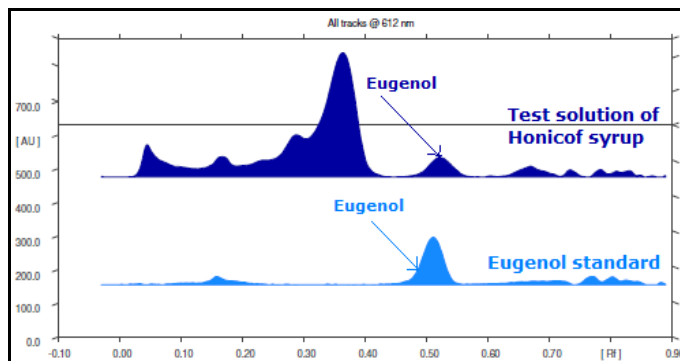
Note : [†] : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile⁺

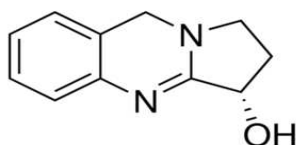
i) Eugenol



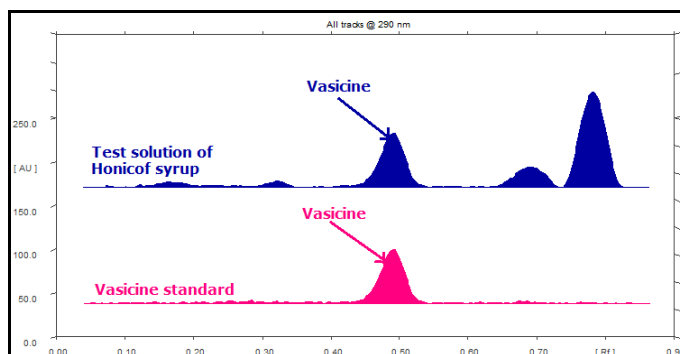
When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 612 nm corresponding with Eugenol standard.



ii) Vasicine



When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 290 nm corresponding with Vasicine 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 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 |