

## KAUNCH PAK

Monograph No. – 010046 ver 3.0

Issue No: 03

Date of Issue: 01/12/2022

Text Reference : Ayurvedic Proprietary Medicine

Amendment No : 00

Amendment Date : --

Shelf Life: 3 years

### Description

Light brown colour to brown colour granules with characteristic odour and taste.

### Loss on Drying at 105°

Not more than 8.0 % w/w

### Ash

Not more than 6.0 % w/w

### Acid Insoluble Ash

Not more than 3.0 % w/w

### Water Soluble Extractive

Not less than 45.0 % w/w

### Alcohol Soluble Extractive

Not less than 18.0 % w/w

### pH (1% aqueous solution)

5.0 - 7.0

### Bulk Density

0.5 – 1.0

### Elemental Assay

#### Iron (Fe)

Not less than 0.02 % w/w

#### Sulphur (S)

Not less than 0.01 % w/w

#### Tin (Sn)

Not less than 0.08 % w/w

### Thin Layer Chromatography

#### Solvent system

n-butanol : Acetic acid : D/W  
( 4 : 1 : 1 )

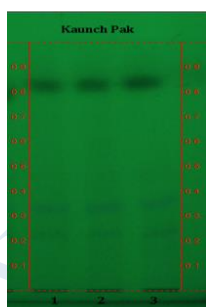
#### Details

Solvent of Extraction – 0.01M HCL in Methanol

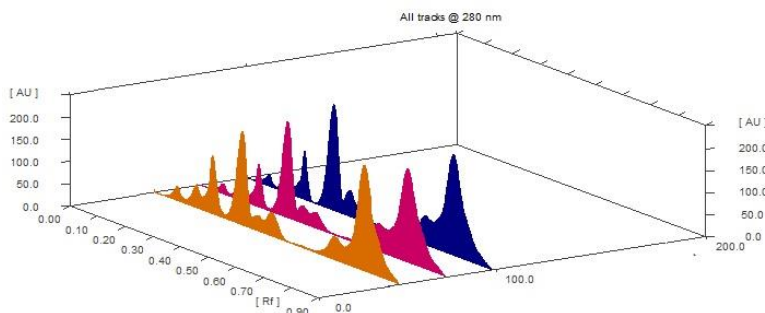
Solvent front – 90 mm

Total No. of Major spots – 3

Detection – Under UV at 254 nm



Major Spots	Colour	Approx. Rf.
1	Light grey	0.23
2	Light grey	0.33
3	Grey	0.83



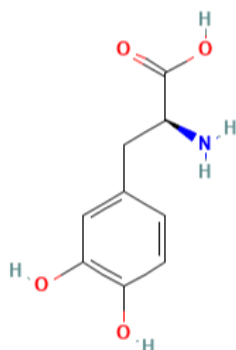
3D Peak Display of Kaunch Pak at 280 nm

Confidential - photocopy prohibited

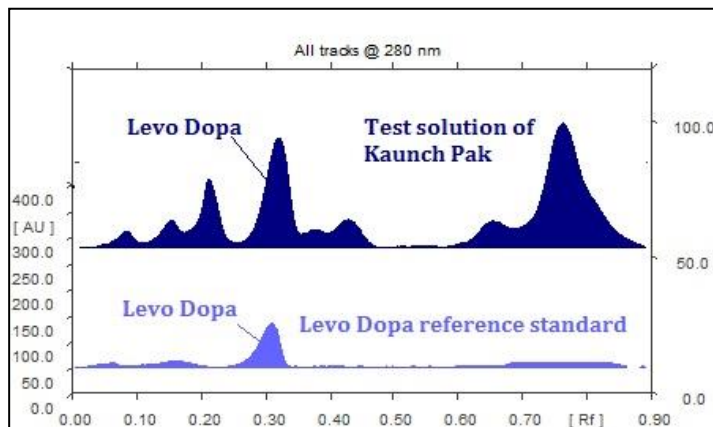
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

## HPTLC Profile <sup>†</sup>

### i) Levo Dopa



When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 280 nm corresponding with Levo Dopa standard.



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