PEEDOJJAY TABLETS

Monograph No. – 3200084 *ver 3.0*

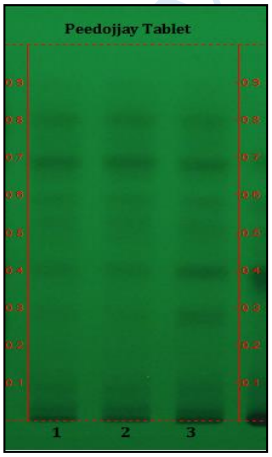
Issue No: 03 | Amendment No : 00

Date of Issue: 10/08/2024 | Amendment Date : --

Text Reference : Ayurvedic Proprietary Medicine | Shelf Life: 5 years

Description	Brown colour caplet shaped coated tablet.
Loss on Drying at 105^0	Not more than 10 % w/w
Friability	Not more than 1 % w/w
Disintegration Time	Not more than 60 min.
Hardness	Not less than 2 kg/cm^2
Thickness	6.0 $\pm$ 0.5 mm
Length	18.0 $\pm$ 0.5 mm
Average Weight	735 mg $\pm$ 5%
Uniformity of weight	Not more than 2 tablets deviate by more than 5% of the average weight and none by more than 10% of the average weight.
Ash	Not more than 22 % w/w
Acid insoluble ash	Not more than 13 % w/w
Water soluble extractive	Not less than 20 % w/w
Alcohol soluble extractive	Not less than 15 % w/w
pH (1% Aq. solution)	5.5 – 7.0
Thin Layer Chromatography	
Solvent system	Chloroform : Ethyl acetate : Formic acid (5.0 : 4.0 : 1.6)
Details	Solvent of Extraction – Methanol Distance travelled by solvent front – 90 mm Total No. of Major spots – 6 Visualization – Under UV at 254 nm



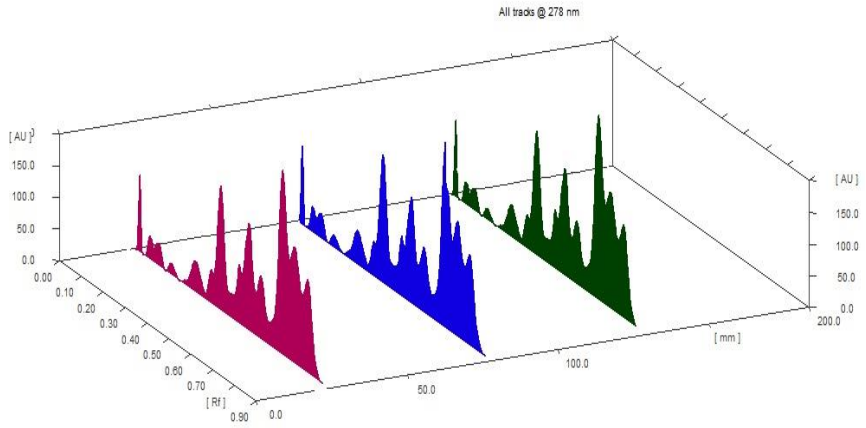


Major Spots	Colour	Approx. Rf.
1	Light Gray	0.28
2	Gray	0.39
3	Light Gray	0.51
4	Light Gray	0.59
5	Gray	0.68
6	Gray	0.80

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

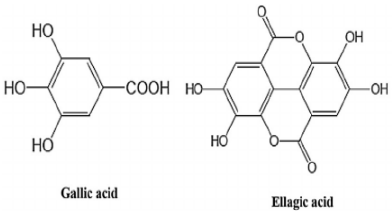


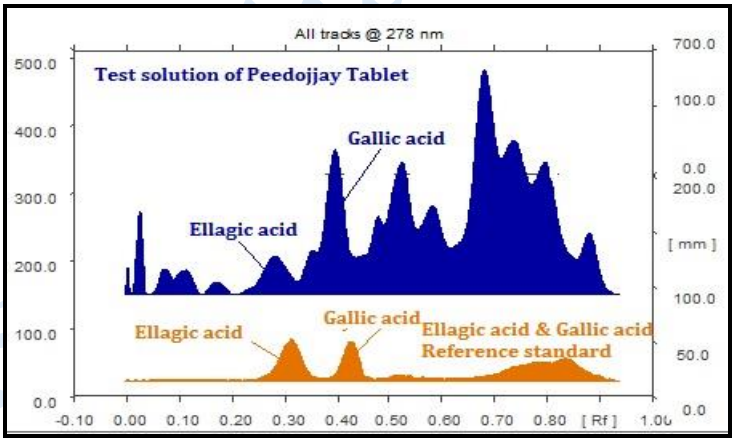
3D Peak Display of Peedojjay Tablets at 278 nm

HPTLC Profile †

i) Total Polyphenols (as Gallic acid & Ellagic acid)

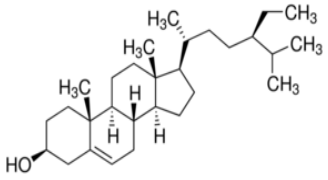
When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 290 nm for Gallic acid & 278 nm for Ellagic acid corresponding with Gallic acid & Ellagic acid reference standard.

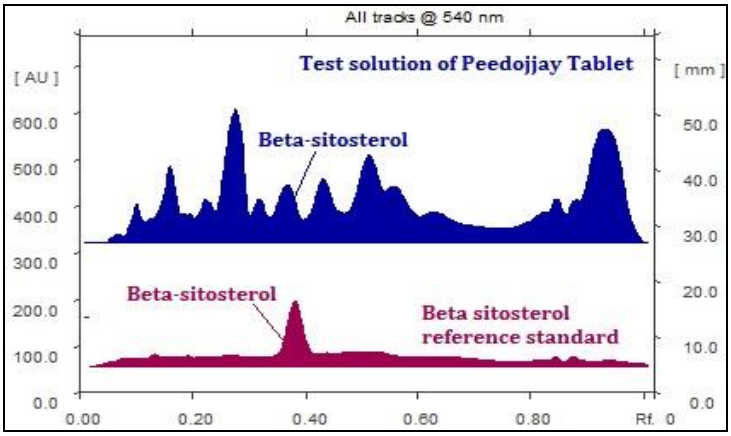




ii) *β*-Sitosterol

When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 540 nm corresponding with *β*–Sitosterol reference standard.



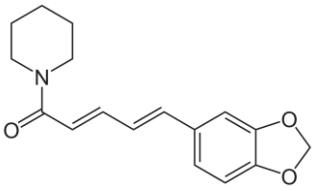


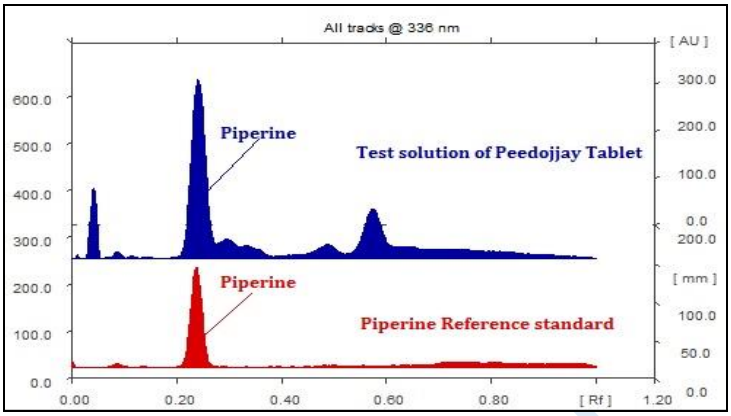
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iii) Piperine

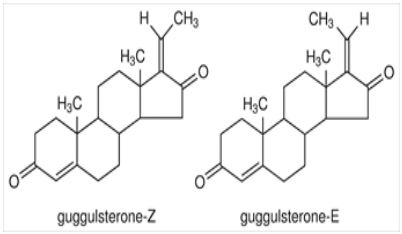
When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 336 nm corresponding with piperine reference standard.

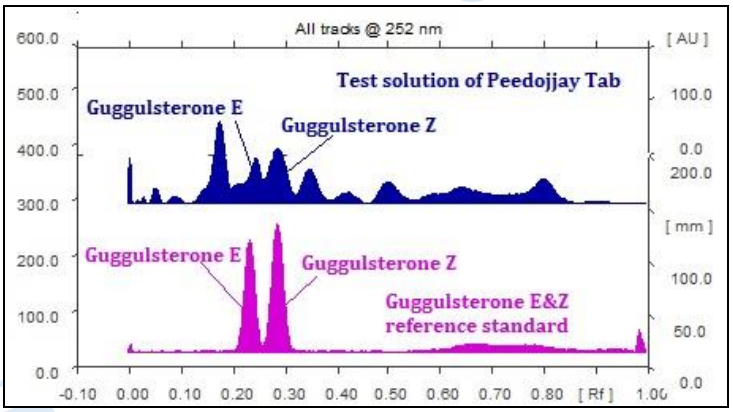




iv) Guggulsterone (E & Z)

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 252 nm corresponding with Guggulsterone (E & Z) reference standard.





Heavy metal	
Lead (Pb)	Not more than 10 ppm
Mercury (Hg)	Not more than 1 ppm
Arsenic (As)	Not more than 3 ppm
Cadmium (Cd)	Not more than 0.3 ppm
E. coli	Absent/g
P. aeruginosa	Absent/g
Salmonella sp.	Absent/g
Staphylococcus sp.	Absent/g
Total Microbial plate count (TPC)	Not more than 10^5 c.f.u./g
Total Yeast & Mould Count (TYMC)	Not more than 10^3 c.f.u./g
Pesticide Residue $^+$ (OC+OP)	Complies as per API
Aflatoxins B1,B2,G1,G2 $^+$	Complies as per API

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