ASTHISAMHRUTA (HADJOD) TABLET

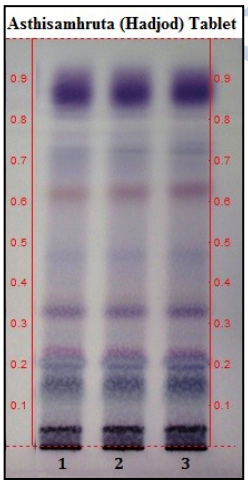
Monograph No. – 2700174 *ver 3.0*

Issue No: 03
Date of Issue: 22/10/2022
Text Reference : API, Part I, Volume III, Monograph No. 11

Amendment No : 00
Amendment Date : --
Shelf Life: 3 years



Description	Light brown to brown colour, caplet shape coated tablet having SDL mark on one side.
Loss on Drying at 105^0	Not more than 7 % 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	5.5 $\pm$ 0.5 mm
Length	17.5 $\pm$ 0.5 mm
Average Weight	670 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 32 % w/w
Acid insoluble ash	Not more than 8 % w/w
Water soluble extractive	Not less than 20 % w/w
Alcohol soluble extractive	Not less than 4 % w/w
pH (1% aq. solution)	5.5 – 8.0
Thin Layer Chromatography Mobile Phase	n-Hexane : Ethyl acetate (8 : 2)
Details	Solvent of Extraction – n-Hexane



Distance traveled by solvent front – 90 mm

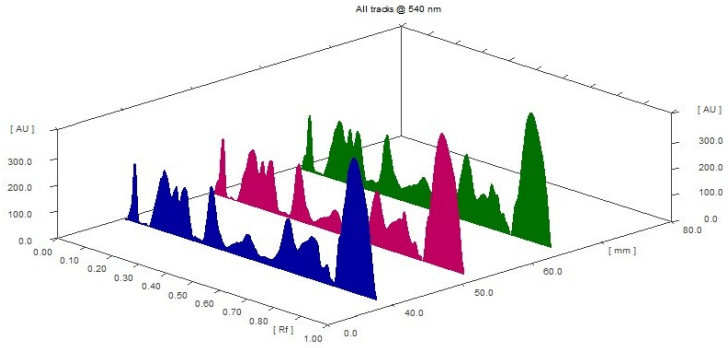
Total No. of Major spots – 8

Detection – After spray with Anisaldehyde sulfuric acid reagent

Major Spots	Color	Approx. Rf.
1	Blue	0.04
2	Light Violet	0.15
3	Pink	0.23
4	Purple	0.33
5	Light Blue	0.46
6	Pink	0.62
7	Light Violet	0.71
8	Violet	0.87

www.sdindia

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

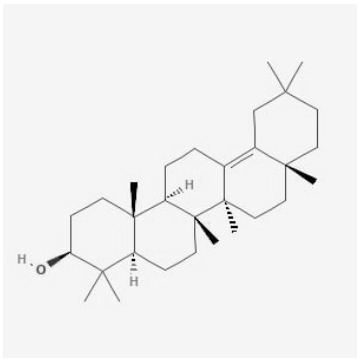


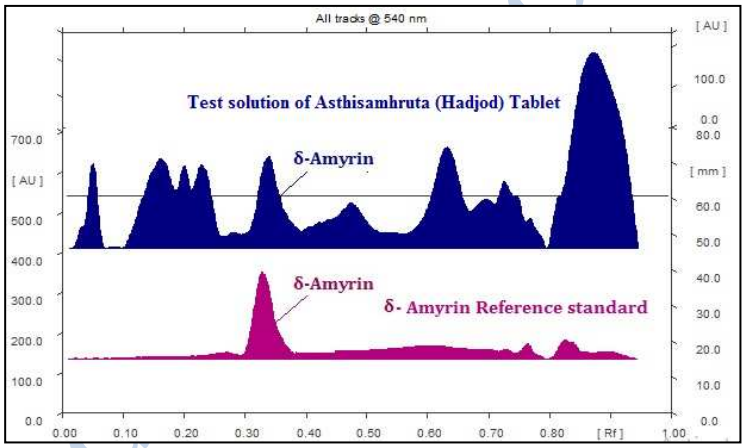
3D Peak Display of Hadjod Tablet at 540 nm

HPTLC Profile[+]

i) δ-Amyrin

When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 540 nm corresponding with Amyrin 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/g
P. aeruginosa	Absent/g
Salmonella sp.	Absent/g
Staphylococcus sp.	Absent/g
Total Microbial plate count (TPC)	NMT 10^5 c.f.u./g
Total Yeast & Mould count	NMT 10^3 c.f.u./g
Pesticide Residue [+] (OC+OP)	Complies as per API
Aflatoxins B1,B2,G1,G2 [+]	Complies as per API

www.sdsstandards.com

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