SHATAVARI KALPA GRANULES

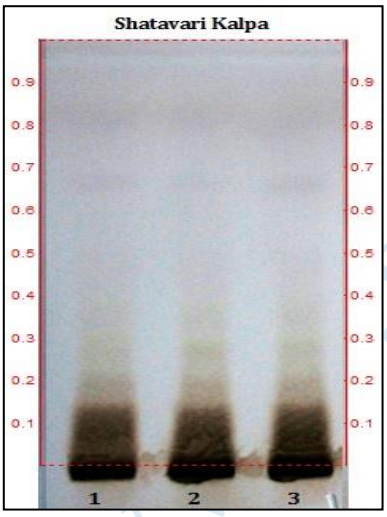
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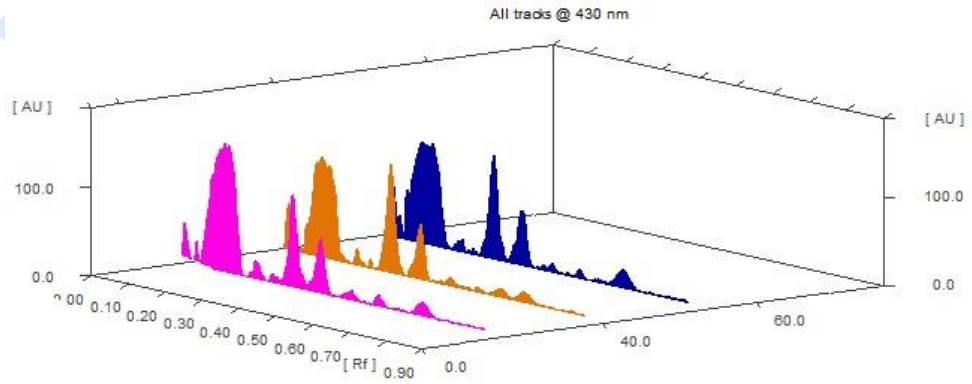
Amendment No : 01
Amendment Date : 13/11/2023
Shelf Life: 3 years



Description	Brown to dark brown colour granules, sweet in taste, having odour of elaichi and chocolate flavour.
Loss on Drying at 105^0	Not more than 5 % w/w
Ash	Not more than 0.5 % w/w
Acid Insoluble Ash	Not more than 0.2 % w/w
Water Soluble Extractive	Not less than 90 % w/w
pH (1% aqueous solution)	4.0 – 6.0
Thin Layer Chromatography Solvent system	Ethyl acetate : Methanol : Water (7.5 : 1.5 : 1)
Details	Solvent of Extraction – Hexane > Methanol Solvent front – 90 mm Total No. of Major spots – 4 Detection – After spraying Anisaldehyde H_2SO_4



Major Spots	Colour	Approx. Rf.
1	Light brown	0.19
2	Brownish Yellow	0.28
3	Brownish Yellow	0.36
4	Gray	0.66



3D Peak Display of Shatavari Kalpa at 430 nm

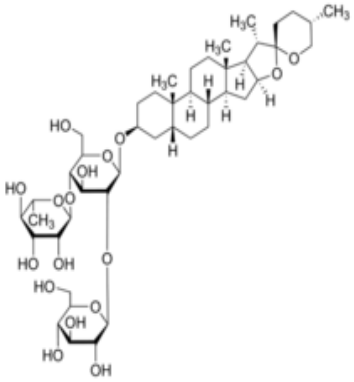
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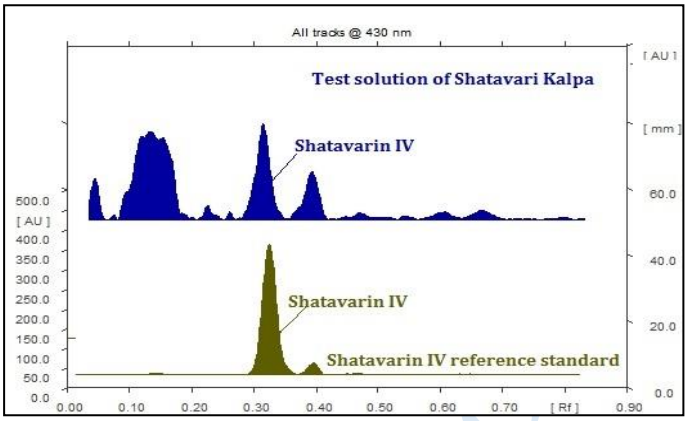
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile †

i) Shatavarin IV

When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 430 nm corresponding with Shatavarin IV 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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