RASNASAPTAK KADHA

Monograph No. –100104 *ver 3.0*

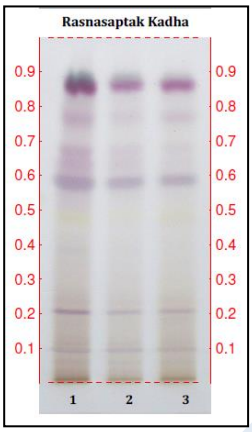
Issue No: 03 | Amendment No : 01

Date of Issue: 25/01/2021 | Amendment Date : 16/03/2024

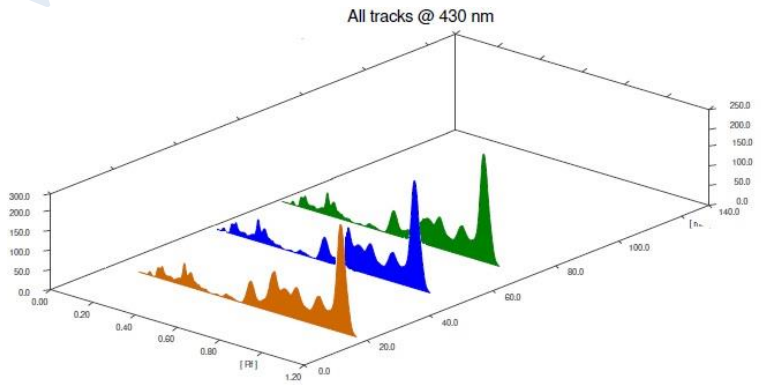
Text Ref : Sharangdhar Sanhita Madhyam Khanda 2/87-88 | Shelf Life: 3 years



Description	Brown coloured liquid, characteristic fermented odour, taste sweet and astringent.
pH	4.0 – 5.0
Specific Gravity at 25^0	1.05 – 1.20 g/ml
Brix	20 – 35 %
Alcohol content	5 – 11 % v/v
Thin Layer Chromatography Solvent system	Toluene : Ethyl acetate : Formic acid (7 : 2 : 1)
Details	Solvent of Extraction – 5 % Methanolic HCl + D/W, then partitioned with Chloroform Distance travelled by solvent front – 90 mm Total No. of Major spots – 7 Detection – After spray with Anisaldehyde sulphuric acid reagent



Major Spots	Colour	Approx. Rf.
1	Purple	0.10
2	Violet	0.20
3	Yellow	0.50
4	Dark Purple	0.58
5	Purple	0.68
6	Violet	0.77
7	Dark Violet	0.86



3D Peak Display of Rasnasaptak Kadha at 430 nm

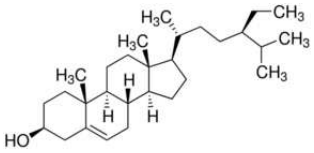
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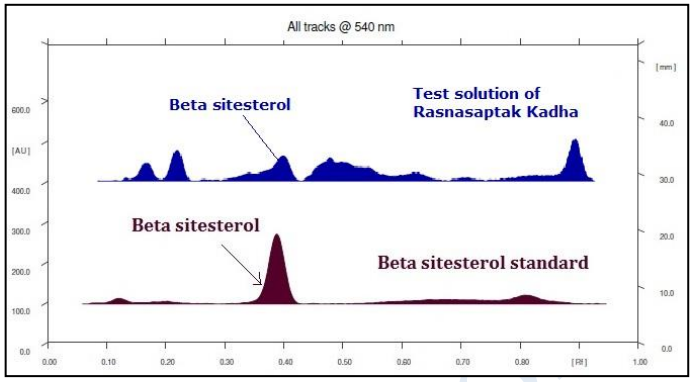
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[+]

i) Beta-sitesterol

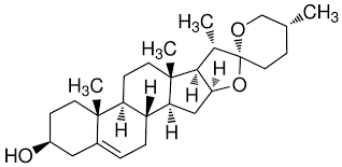
When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 540 nm corresponding with Beta-sitosterol standard.

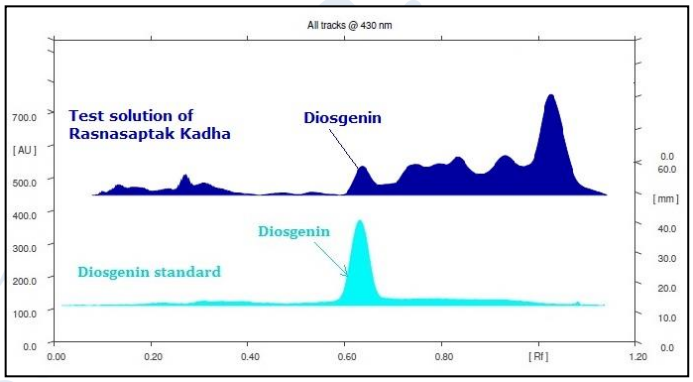




ii) Diosgenin

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

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