SARIVADYASAV

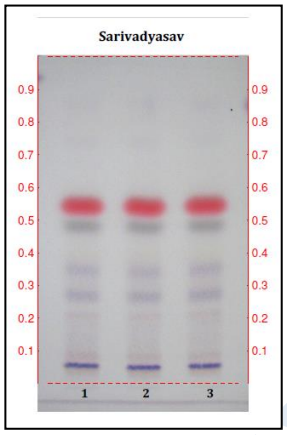
Monograph No. – 100019 *ver.03*

Issue No: 03
Date of Issue: 19/04/2017
Text Reference : Ayurvedic Formulary of India (AFI) Part I - 1:37

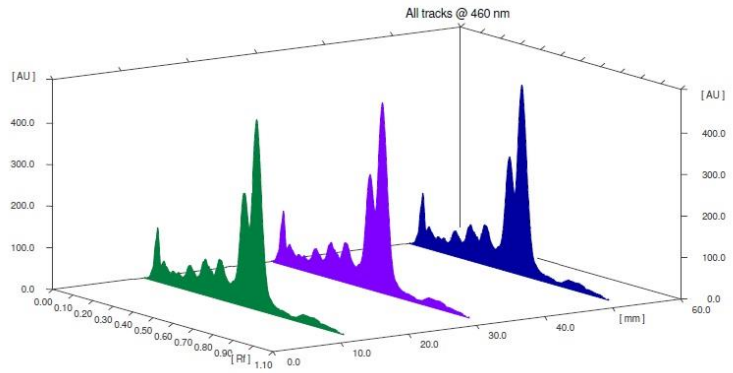
Amendment No : 03
Amendment Date : 16/03/2024
Shelf Life: 10 years



Description	Dark brown colour liquid, Characteristic odour of Sariva, astringent in taste.
pH	3.5 – 5.0
Specific Gravity at 25^0	1.00 -1.15 g/ml
Brix	15 – 30 %
Alcohol content	5 – 11 % v/v
Thin Layer Chromatography Solvent system	Toluene : Ethyl acetate : Formic acid (8.8 : 1 : 0.2)
Details	Solvent of Extraction – Hexane Solvent front – 90 mm Total No. of Major spots – 5 Detection – After spraying with Anisaldehyde H_2SO_4



Major Spots	Colour	Approx. Rf.
1	Violet	0.06
2	Light Puple	0.27
3	Light Puple	0.35
4	Gray	0.47
5	Pink	0.54



3D Peak Display of Saivadyasav at 460 nm

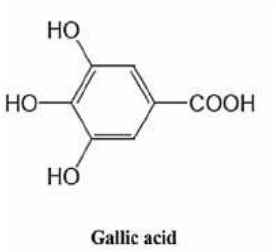
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Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

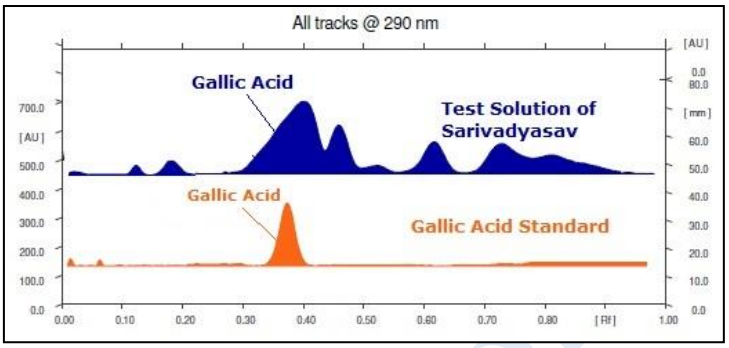
HPTLC Profile†

i) Total Polyphenols (as Gallic 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 standard.

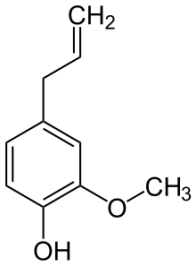


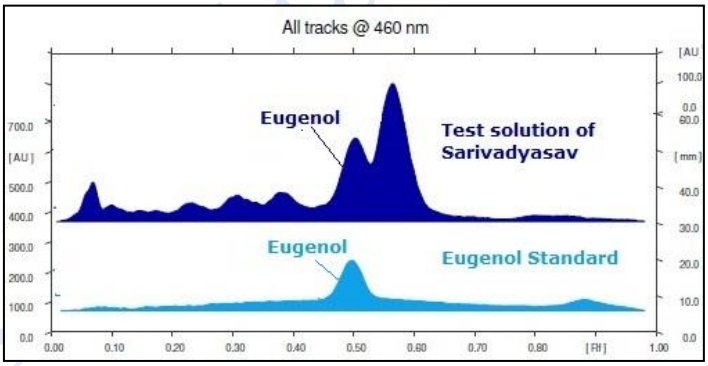
Gallic acid



ii) Eugenol

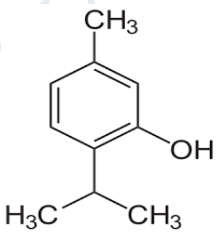
When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 460 nm corresponding with Eugenol standard.

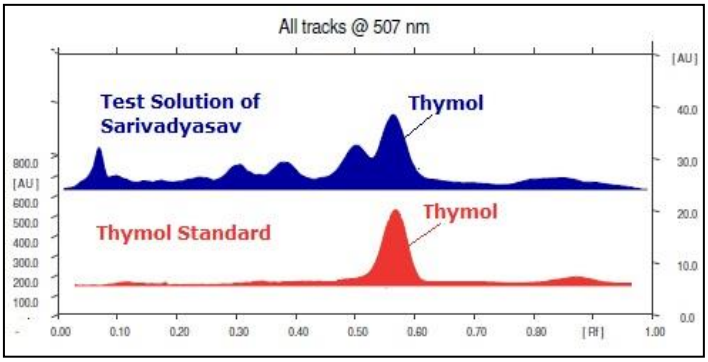




iii) Thymol

When examined in the range of 400 nm to 700 nm, the test solution shows absorption maxima at about 507 nm corresponding with Thymol standard.





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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
Total 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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