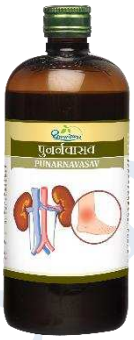
PUNARNAVASAV

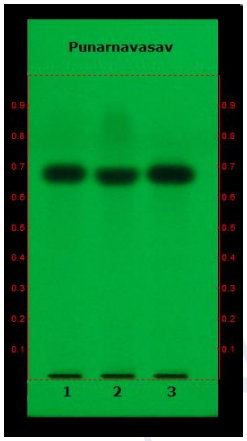
Monograph No. – 100018 *ver 3.0*

Issue No: 03
Date of Issue: 16/03/2017
Text Reference : Bhaishajya Ratnavali (Shotha) 42/188-192

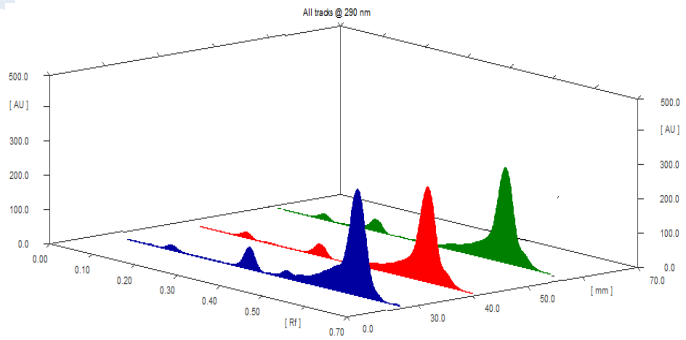
Amendment No : 02
Amendment Date : 16/03/2024
Shelf Life: 10 years

Description	Dark brown coloured liquid, characteristic fermented odour, taste sweet & astringent.
pH	3.5 – 5.0
Specific Gravity at 25^0	1.00 – 1.15 g/ml
Brix	20 – 30 %
Alcohol content	7 – 11 % v/v
Thin Layer Chromatography Solvent system	Ethyl acetate : Ammonia : Methanol (8 : 0.2 : 2)
Details	Solvent of Extraction – Chloroform + Water+ Ammonia Distance travelled by solvent front – 90 mm Total No. of Major spots – 3 Detection – Under UV at 254nm





Major Spots	Colour	Approx. Rf.
1	Light Gray	0.18
2	Light Gray	0.36
3	Black	0.67



3D Peak Display of Punarnavasav at 290 nm

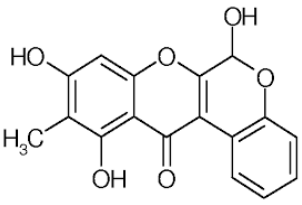
www.sdindia.com

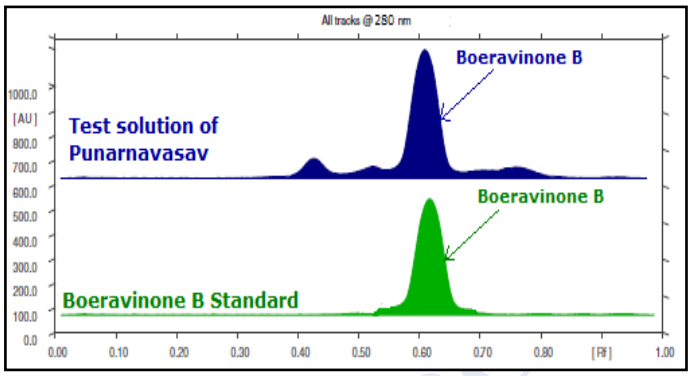
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

HPTLC Profile[+]

i) Boeravinone

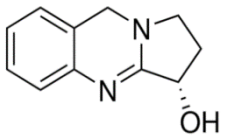
When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 280 nm for Boeravinone B corresponding with Boeravinone B standard.

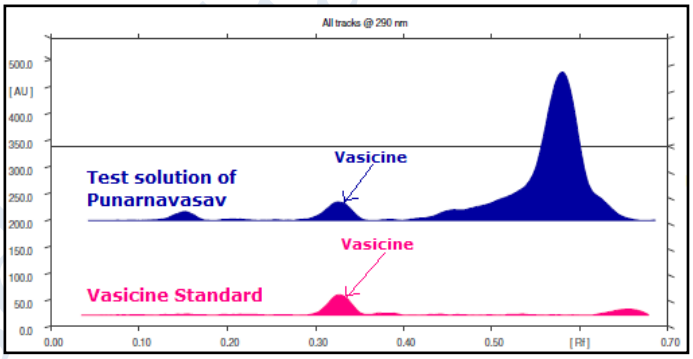




ii) Vasicine

When examined in the range of 200 nm to 400 nm, the test solution shows absorption maxima at about 290 nm corresponding with Vasicine 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
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

www.sdsindia.com

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