

14 *Digitalis purpurea* Linn. (Hrtpatri)

Drug consists of dried leaf of *Digitalis purpurea* Linn. (A & B); Fam. Scrophulariaceae. A biennial or perennial pubescent herb or undershrub up to 1.5 m high, found growing as an escape and also cultivated in Jammu & Kashmir, West Bengal, Sikkim and Tamil Nadu regions.



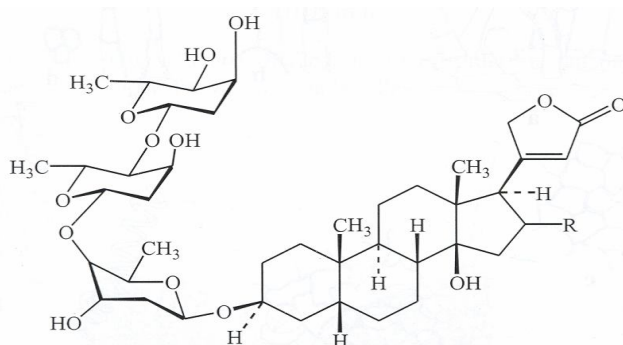
A. Flowering plant

B. Dried leaves

Digitalis purpurea Linn.

Chemical Constituents

Major

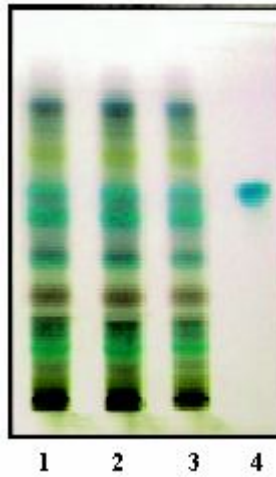


Digitoxin R= H, H

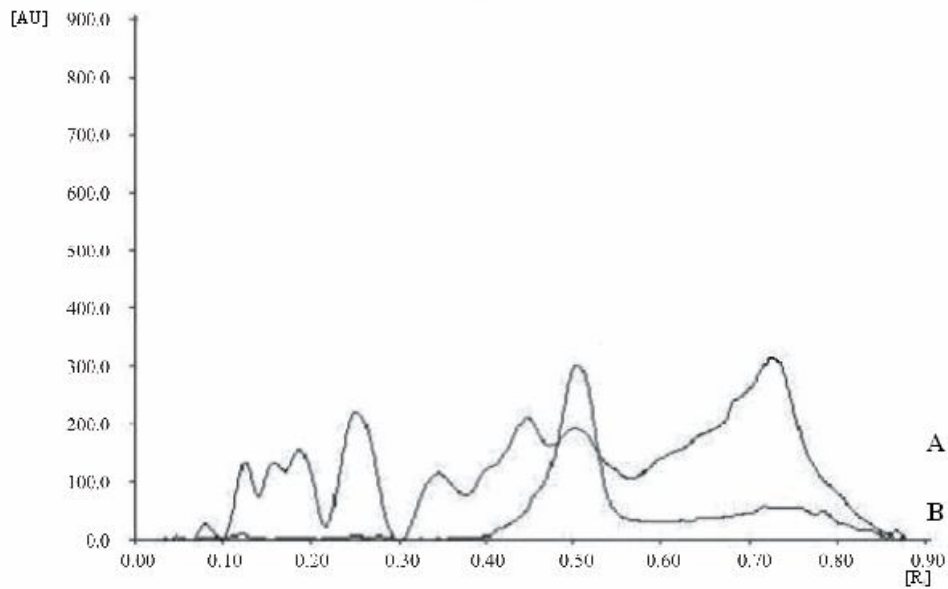
Gitoxin R=

Digitoxin, gitoxin.

TLC and HPTLC Details



TLC profile of dichloromethane: isopropanol (3:2) extract of *Digitalis purpurea* leaf. **1-3:** Test solution; **4:** Digitoxin standard.



HPTLC densitometric scan at 559 nm. **A.** Test solution of dichloromethane: isopropanol (3:2) extract of *Digitalis purpurea* leaf; **B.** Digitoxin standard.