15 *Curcuma longa* Linn. (Haridra)

Drug consists of dried cured rhizome of *Curcuma longa* Linn. (syn. *C. domestica* Valeton) (A, B, C & D); Fam. Zingiberaceae. A perennial rhizomatous herb, 60 to 150 cm high, with bright yellow aromatic tubers, widely cultivated throughout the warmer parts of the world and almost all states of India especially Tamil Nadu, West Bengal, Maharashtra and North-Eastern states.

Plate 15.1 *Curcuma longa* Linn.

**Chemical Constituents**

**Major**

Curcumin (curcumin I)\textsuperscript{7-11}. 

![Curcumin molecule]

\[ 	ext{Curcumin} \]
TLC/HPTLC Details

TLC profile of test solution of *Curcuma longa* rhizome.
1-3: Test solution; 4: Curcumin standard.

HPTLC densitometric scan at 254 nm of *Curcuma longa* rhizome.
A. Curcumin standard; B. Test solution.