11 Buchanania lanzan Spreng.  
(Priyala)

Drug consists of dried mature seed of *Buchanania lanzan* Spreng. (syn. *B. latifolia* Roxb.) (A, B & C); Fam. Anacardiaceae. A medium sized tree, found throughout India in dry deciduous forests and Myanmar up to an altitude, 1200 m.

![Plate 11.1 Buchanania lanzan Spreng.](image)

**Chemical Constituents**

\[ \beta\text{-Amyrin}^2, \text{palmitic acid}^{2,5}. \]

![Palmitic acid](image)

![\beta\text{-Amyrin}](image)
TLC/GLC Details

TLC profile of test solution of *Buchanania lanzan* seed after derivatization.
1: Palmitic acid methyl ester standard; 2-4: Test solution.

GLC fingerprint profile of fatty acid methyl esters of *Buchanania lanzan* seed.