29 *Solanum virginiatum* Linn.
(Ka6takāri)

Drug consists of dried whole plant of *Solanum virginiatum* Linn. (syn. *S. xanthocarpum* Schrad. & Wendl.; *S. surattense* Burm. f.) (A, B & C); Fam. Solanaceae. A perennial low diffuse sharply spinescent herb or undershrub commonly found in plains of dry regions as well as low hills throughout India, growing abundantly near roadsides, wastelands and rubbish heaps.

A. Flowering and fruiting twig  
B. Pieces of fresh plant  
C. Dried pieces of plant

*Solanum virginiatum* Linn.

**Chemical Constituents**

**Major**

Solasodine (solanidine-S), solasonine (solanine-S)\(^6,7\), solamargine, β-solamargine\(^8\), 4α-methyl-(24R)-ethylcholest-7-en-3β-ol\(^9\), diosgenin\(^9\).

![Solasodine](https://example.com/solasodine.png)

**TLC/HPTLC Details**
TLC profile of test solution of *Solanum virginiatum* whole plant after derivatization.  
1-3: Test solution; 4: Solasodine standard.

HPTLC densitometric scan at 200 nm of *Solanum virginiatum* whole plant. A. Solasodine standard; B. Test solution.