

PHARMACOGNOSTIC AUTHENTICATION AND IDENTIFICATION OF
ROOT, BARK AND LEAVES OF FERONIA LIMONIA (RUTACEAE)
USED IN AYURVEDIC MEDICINE

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Feronia Limonia (Sinhala-Divul) is a medicinal plant widely grown in the dry regions in Sri Lanka. All parts of this medicinal plant are used in the treatment of snake bite. The bruised leaves are used with great benefit in bowel complaints in children. Thin layer Chromatographic studies were done in order to find the best TLC profiles for Authentication and Identification of these parts of Feronia Limonia (Rutaceae).

Suitable TAS (Thermal extraction, transfer and application methods for substances on a microscale according to Stahl) profiles were also developed. These profiles can also be used to distinguish these parts from each other and to detect their presence in an Ayurvedic medicinal preparation.

Gas liquid Chromatographic profiles of the essential oil extracts of all parts of Feronia Limonia (Rutaceae) were obtained in order to see the characteristic retention times of the essential oils present.

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References:

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