

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

S.S. Samaratunga, K.T.D. de Silva
Dept. of Chemistry, University of Sri Jayewardenepura.

Aegle marmelos (Sinhala-Beli) is a medicinal plant widely found in Sri Lanka. Parts of (Aegle marmelos are used in indigenous medicine for the treatments such as diarrhoea, gastric troubles, jaundice and tuberculosis.

Thin Layer Chromatography studies were done in order to find the best TLC profiles for Identification and Authentication of the different parts (Bark, Root and Leaves) of Aegle marmelos (Rutaceae).

Suitable TAS (Thermal extraction, transfer and application method for substances on a microscale according to Stahl) profiles were also developed. These profiles can also be used to distinguish the different parts of Aegle marmelos and to detect their presence in an Ayurvedic medicinal preparation.

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References

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