

Antioxidant Rich Ready to Serve Kebella Drink

Invention Summary

The young leaves of *Aporosa lindleyana* Baill., named as kebella in Sinhala was used to prepare this Ready to serve drink.

Technology overview:

Kebella root is used traditionally to treat jaundice, headache, insanity, seminal loss and excessive thirst. The bark and root of this plant are reported to have antioxidant, antimicrobial and analgesic effects. The leaves showed a high antioxidant potential by DPPH, ABTS, FRAP and ORAC as well as high α -amylase activity and marked anti-lipidaemic activities. To make an instant product such as a ready to serve drink, the ethanolic extract of the leaves was used along with permitted colors, emulsifiers and stabilizers. The drink was processed and hot filled in glass bottles.

Potential Applications

This ready to serve drink is rich in antioxidant activity and it can be used as a functional food.

Advantages

- Reduces oxidative stress of body
- Lowers lipid and sugar levels
- Shelf life - eight months shelf life confirmed at 31 ± 2 °C in terms of microbiological, chemical and sensory qualities specified in SLS 729: 2010.
- Rich in antioxidant activity

Inventor /s:

Dr. Selvaluxmy Chelvendran



Technology Information:

Senior Deputy Director
Herbal Technology Section
Industrial Technology Institute
503A, Halbarawa Gardens
Thalahena,
Malabe.

Tel: +94112797322

Fax: +94112379848

E-mail: sdd_hts@iti.lk