

Carbonated Thebu RTS

Invention summary:

A ready-to-serve carbonated drink formulation with Thebu (*C. speciosus*) leaf extract and other permitted ingredients.

Technology overview:

Ready to serve herbal drinks are gaining popularity among consumers, especially people who are at risk of various non-communicable diseases. Carbonated drinks containing artificial flavors are gradually losing their market share and carbonated drinks with natural flavorings and additional health benefits are sought instead. Carbonated RTS Thebu drink is prepared using the solvent extract of Thebu leaf, a soluble sweetener, emulsifier system and carbonated water. Preservation is achieved by heat treatment and controlled acidification; while following the local regulations. The product was processed with Thebu leaf extract which has been evaluated and proven to contain antioxidant and anti-diabetic properties.

Potential application:

A bio-active beverage to be used by consumers intending to avoid diabetes

Advantages of the carbonated Thebu drink:

- Quenches thirst
- A functional beverage with anti-diabetic properties
- Good replacement for artificially flavored carbonated drinks
- The product is free of artificial preservatives and colors

Patent No: 18156 (pending)

Inventor /s:

Ms. Udayani Binduhewa

Dr. Pathmasiri Ranasinghe

Dr. Ilmi Hewajulige

Dr. K. Abeysekera



Technology Information:

Senior Deputy Director

Food Technology Section

Industrial Technology Institute

503A, Halbarawa Gardens

Thalahena,

Malabe

Tel: +94112797334

E-mail: sdd_fts@iti.lk