



BCSIR Dhaka Laboratories, BCSIR

Process

Use

Area

Salient features



Water Soluble Curcumin Pigments

- Drug formulation as an active ingredient
- Color for food, drug and cosmetics
- As an anti-oxidant
- As a chemotherapeutic agent
- As an anti-inflammatory agent

Food and pharmaceuticals

- ✓ A simple process for the preparation of Food, Drug and Cosmetic grade water soluble curcumin pigments from turmeric powder.
- ✓ Water soluble curcumin pigment has great demand in local and international market.
- ✓ It has been prepared from locally available raw turmeric powder which will meet internal demand as well as will reduce import dependency.

Scale of development

Major Raw Material

Major Plant

Equipment/Machinery

Commercialization status

Techno-Economics

Key words

Contact Address

The process is standardized at bench scale

Turmeric, Food grade Solvent & Surfactant

Grinder, Mechanical stirrer, hot plate

Ready for commercialization

The developed process is environment friendly. All raw materials used in the process are nontoxic. None of the consumables or procedures has adverse impact on ecology or environment.

Water soluble pigment, Drug formulation, Food, Cosmetic

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