



# BCSIR Dhaka Laboratories, BCSIR

Process

Production of oil from kernel of ripe mango

Use

As an active ingredient in soap, shampoo, cream etc. manufacturing

Area

Cosmetic Industries

Salient features



- Useful in soap, shampoo, cream etc.
- Manufacturing Cholesterol balance
- Lowers blood sugar
- Reduce acne

Maintain healthy weight (Ref: Health Benefit times.com)

Scale of development

The process is standardized at [Laboratory scale](#)

Status of development

**Product developed, analyzed and process ready to be leased out**

Major Raw Material

Ripe Mango seeds as wastes of mango processing industry, nHexane

Major Plant

Soxhlet apparatus, solvent distillation plant

Equipment/Machinery

Commercialization status

Mango kernel oil is being imported but there is a bright future for establishing this industry in our country

Techno-Economics

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.

Cost

around TK. 59 lakh for 30 M.T. production per year

Key words

Mango kernel oil, cosmetic ingredient

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