



BCSIR Dhaka Laboratories, BCSIR

Process

Production of oil from kernel of ripe mango.

Area

Cosmetic Industries.

Uses

Useful in soap, shampoo, cream etc. manufacturing.



Cholesterol balance, lowers blood sugar, Reduce acne, Maintain healthy weight (Ref: Health Benefit times.com).

Mango Seed Oil

Scale of Development

Laboratory scale.

Major Raw Material

Ripe Mango seeds as wastes of mango processing industry, nHexane.

Major Plant

Soxhlet apparatus, solvent distillation plant.

Equipment/Machinery

Details of specific application

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

Status of Development

Product developed, analyzed and process ready to be leased out

Ecological/Environmental Impact (if any, specify briefly)

Not only environment friendly but also profitable as its raw material is a wastes of mango processing industry and it could be substitute of mineral oil.

Commercialization Status

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

Techno-Economics

Available on demand.

Keywords

Mango kernel oil, cosmetic ingredient.

Cost of product

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

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