



# DERMAGs Skin Solution

## DESCRIPTION

DERMAGs skin solution utilising active compound produced from mangosteen pericarp known as alpha-mangostin intended to whiten, lighten skin color and even skin tone from dulling and blotching effect that pronounced upon aging. In other words, it will help to address age-related dark spots, skin pigmentation, freckles and other skin pigmentation disorders. This product also has anti-aging function and can help to stimulate synthesis of collagen in our skin. Exclusively formulated by using nanotechnology, which attempt to provide a complete nutrient for the skin cells through better penetration and delivery of active ingredients in skin.



## Needs

- Lightening product is based on retinoic acid, hydroquinone, kojic acid and some from (AHA). However, as prescription products only as they are known to cause severe irritation and promote skin sensitivity to sunlight and other are leading to raw and red skin.
- (AHA) function in a similar way, prompting exfoliation of the skin.
- Use of hydroquinone over months or years may cause exogenous ochronosis, a skin condition which manifests as bluish-black hyperpigmentation.

## Application

- DERMAGs Skincare preparation intended to whiten and lighten skin coloration, at the same time helps to reduce skin's wrinkle.
- This product has anti-aging function which intends to make lines and wrinkles less noticeable, and moisturising the skin.
- It also can increase the collagen in our skin. It gives our skin strength and elasticity, and helps replace dead skin cells.
- Increasing collagen levels can help our skin look firmer, increase smoothness, and help skin cells keep renewing and repairing normally.

## Benefits

- Natural ingredients that spontaneously moisturise, brighten and treat uneven skin tone naturally while minimising the hypoallergenic effect.
- Scientific studies of alpha-mangostin proved skin can be whiten better than synthetic chemicals like arbutin, kojic acid, paraben and hydroquinone.
- DERMAGs have anti-aging function and can increase the collagen in skin cells.
- DERMAGs price for natural brightening much lesser comparable with others competitor's product such SKII, Shiseido, Laneige, Kiehl's, Clinique, Body Shop and etc.
- Made from plant based (a-mangostin) and biodegradable surfactant (niosomes).

## Targeted Market

- Skin care or Wellness business
- Pharmalogical
- Cosmetic agent
- SPA centre
- Final consumers (career woman), middle group, age > 25 years old



**PROJECT LEADER** : Dr. Mariani Binti Abdul Hamid  
**EMAIL** : mariani@utm.my | mariani@ibd.utm.my