

Advanced Healthcare & Life Sciences International Innovation Awards & Expo

9-11 August 2023 Virtual Event



Green Innovation of Anti-acne MagFix Face Serum

Inventors:

Ms. Saiqa Afroze*
Ms. Yap Jeck Yee
Ms. Tan Qinwei
Asst. Prof. Dr. Ashok Kumar Janakiraman

Category: Treatment



Causes of acne

- Genetics
- Cosmetic products
- Exposure to bacterial, dirt and chemicals
- Stress and emotional extremes
- Hormone alterations
- Diet





- Dryness
- Photo-sensivity
- Skin peeling
- Skin redness



MagFix for anti-acne

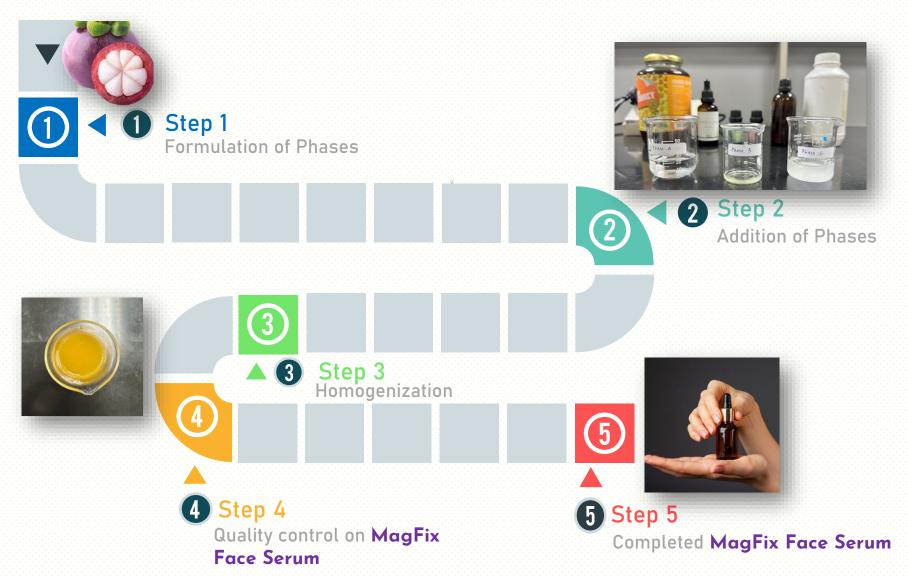
Benefits of Mangosteen

- Inhibits enzymes
 - Elastase
 - Collagenase
 - Matrix metalloproteinase
- Antioxidant activity
- Antibacterial properties against *Staphylococcus* aureus





Manufacturing process



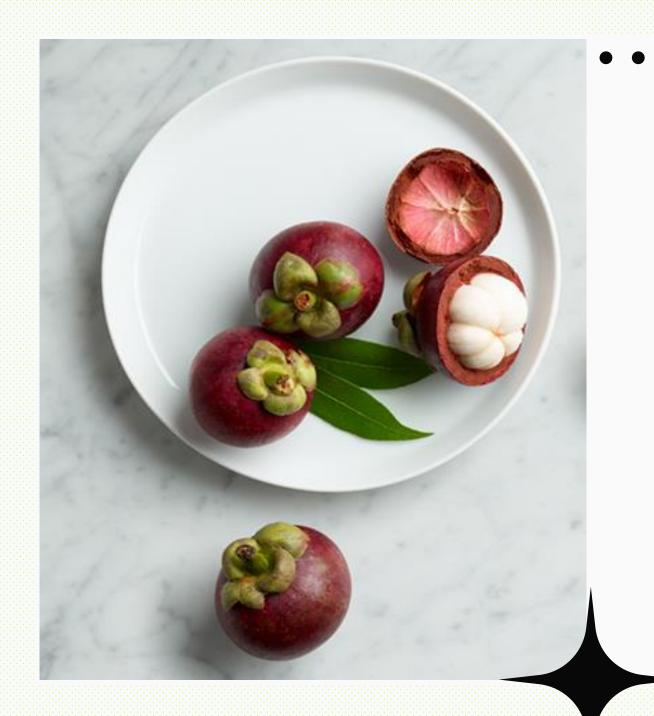
Characterization

Parameters

- ☐ FTIR- Study
- □ Colour
- Texture of formulation
- □ pH test
- Antioxidant properties
- Redispersion test
- In-vitro Occlusive property
- Spread-ability
- Antibacterial test



- ✓ Showed No incompatibility
- ✓ Yellowish brown
- ✓ Smooth
- ✓ Within the suitable range for skin
- ✓ Positive
- ✓ Positive
- √ 48% Moisture Loss Prevented
- √ 6-7 cm
- ✓ Against Staphylococcus aureus





Additional characteristics

Fast absorption

Skin moisturizing

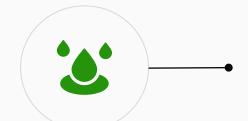
Soothing effect

Unique Selling Points

100%

Natural product





Paraben, SLS and alcohol-free

Environmentally friendly





Microplastic free

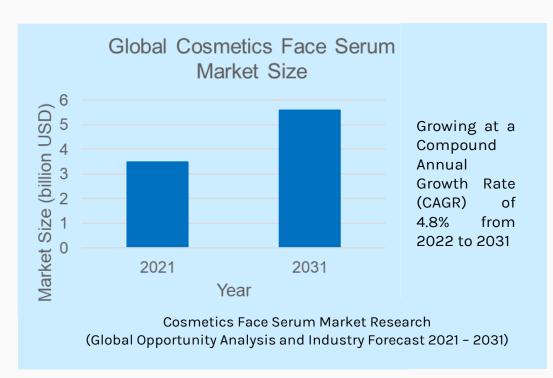
Usage of fruit waste

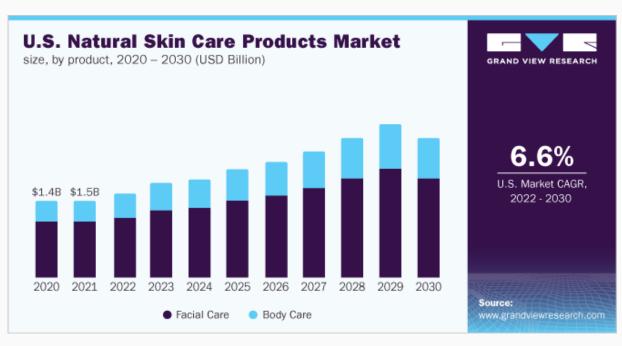




Animal testing free

Commercial potential





As MagFix Face Serum is produced naturally using the extract of mangosteen, its commercial potential could be foreseen.

