



Hermosa Naturals

Discover the Sustainable Beauty of Taiwan



Sirayash Plantix® NLC Hafay

Actives | • NLC Wrapping Active • Long-Term Hydration • Skin Barrier Enhancement

Product Information

- Category: Aqueous Moisturizing Active
- Appearance: Light Yellow, Emulsion
- Odor: Characteristic
- INCI Name : Aqua, Xanthan Gum, Lecithin, Oryza Sativa (Rice) Bran Oil, Caprylic/Capric Triglyceride, Brassica Campestris (Rapeseed) Sterols, Pentylene Glycol
- CAS NO : 7732-18-5, 11138-66-2, 8002-43-5, 68553-81-1, 73398-61-5, 949109-75-5, 5343-92-0
- Certification:

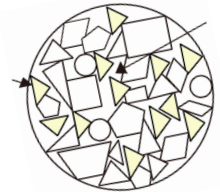


▲ Sirayash Plantix® NLC Hafay

The active ingredients are firmly wrapped in the carrier.

Formulation Characteristic

- Solubility: Water Soluble
- Recommended Use Level: 2-100%
- Application Direction: Skin Care, Color Cosmetics, Hair Care



▲ NLC Wrapping Structure

Product Introduction

Sirayash Plantix® NLC Hafay uses the wrapping technique of Nanostructured Lipid Carriers (NLC); which uses **Lecithin** as emulsion to wrap the active ingredient, Sirayash Plantix® Hafay, by high speed ultrasonic homogenization, resulting in a **wrapped active in the particle size of 200-300nm**. The nanostructured carriers can increase the percutaneous absorption of the active it wraps, making it more stable. We choose Lecithin as the lipid carrier, for its moisturizing mechanism is same as our skin. This can help the moisturizing ingredients permeate and stay deeply in skin to prevent and improve the skin aging issue. In addition, Sirayash Plantix® Hafay is an highly nutritious ingredient with an **enhanced the skin barrier**, to repair the damaged skin for **deep nourishing and scalp treatment**. Sirayash Plantix® NLC Hafay is an **aqueous active** which is easily added in formulas for **skin hydration**, making it an ideal ingredient for skin care, color cosmetics and hair care.

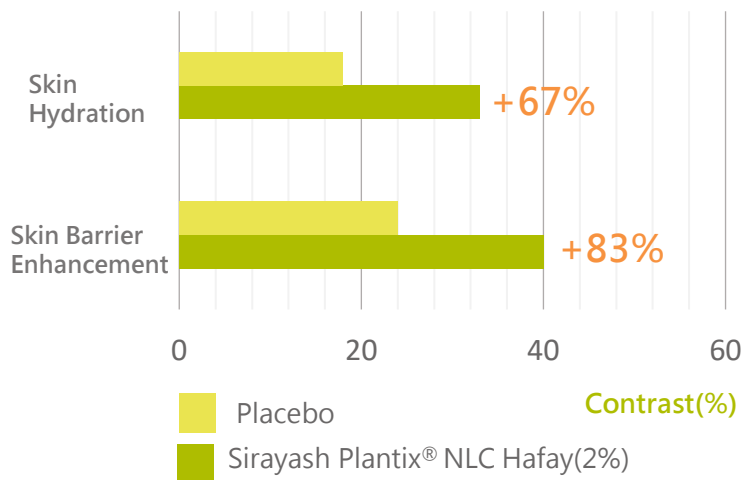
Hermosa Naturals Co., Ltd.

Tel:+886 6-5893566 Fax:+886 6-5893066

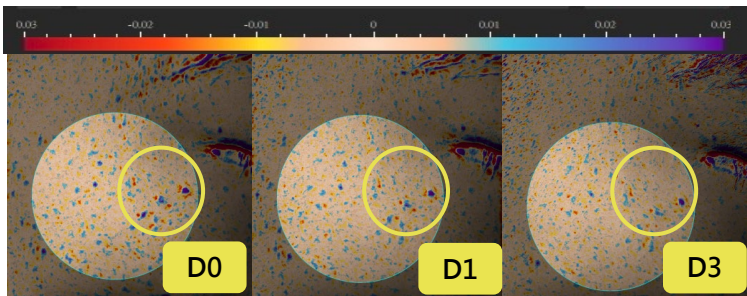
No. 188-17, Fengrong, Xinshi Dist., Tainan City 744010, Taiwan

Sirayash Plantix® NLC Hafay Can Enhance Skin Hydration and Skin Barrier

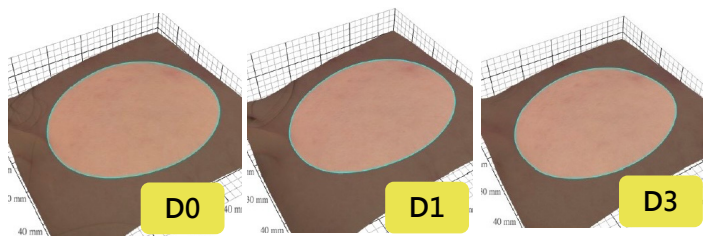
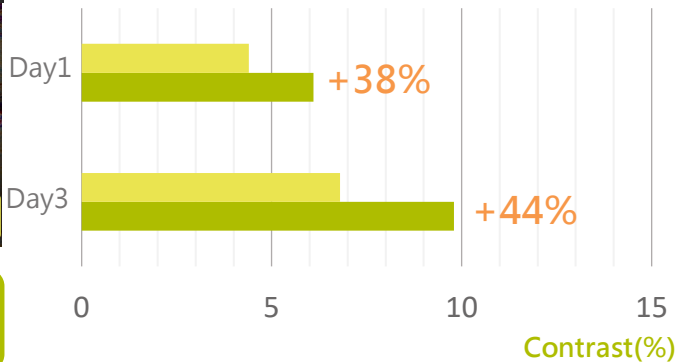
- Test Method:
Apply the gel with 2% of Sirayash Plantix® NLC Hafay and a placebo.
- Test Procedure:
3 subjects, apply the formula on the cheek, twice a day (morning and night) for 3 days.
- Test Period:
Observe to see the contract after 3 days of applications
- Test Equipment:
Delfin, Moisture Meter SC
Delfin, VapoMeter
Antera 3D



After using Sirayash Plantix® NLC Hafay (2%) for 3 days, the skin hydration has been increased for 67%, the skin barrier has been improved for 83%.



After using Sirayash Plantix® NLC Hafay (2%) for 3 days, the skin became 44% smoother.



After using Sirayash Plantix® NLC Hafay (2%) for 3 days, the skin became 53% brighter.

