

Sirayash Plantix® Bii



Actives | • Lactobacillus • Anti-inflammatory • Anti-swelling • Prevent sagging



Product Information

- Category: Water-based active ingredient for post-procedure skin repair
- Appearance: Brown, Fluid
- Odor: Characteristic
- INCI Name: Taraxacum Mongolicum Extract, Lactobacillus Ferment Lysate, Glycerin, Aqua, Sodium Levulinate, Sodium Anisate
- CAS NO: 68990-74-9, 2380025-37-4, 56-81-5, 7732-18-5, 19856-23-6, 536-45-8
- Certification:



Formulation Characteristic

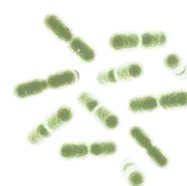
- Solubility: Water Soluble
- Recommended Use Level: 2-5%
- Application Direction: Skincare



Product Introduction

Sirayash Plantix® Bii is derived from the rare Taiwanese *Taraxacum mongolicum*, using advanced laboratory cultivation to produce precious **endophytic fermentation** derivatives in an **eco-friendly, energy-saving, and low-carbon** process. Its unique endophyte, *Lactobacillus*, coexists symbiotically with the plant, ensuring a stable and sustainable supply of active compounds, including vitamins, minerals, amino acids, chicoric acid, and **taraxasterol**.

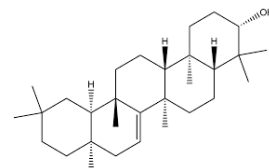
Known for soothing redness and repairing skin, it is ideal for **tattoo aftercare** and **post-surgery recovery**. This sustainable approach not only supports biodiversity but also provides high-performance, environmentally responsible raw materials for cosmetics.



Lactobacillus



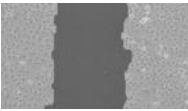
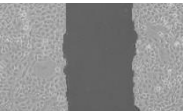
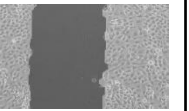
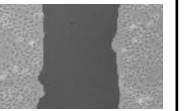
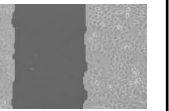
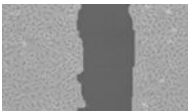
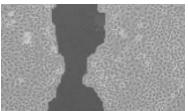
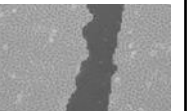
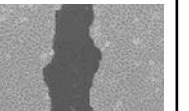
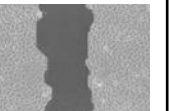
▲ Sirayash Plantix® Bii



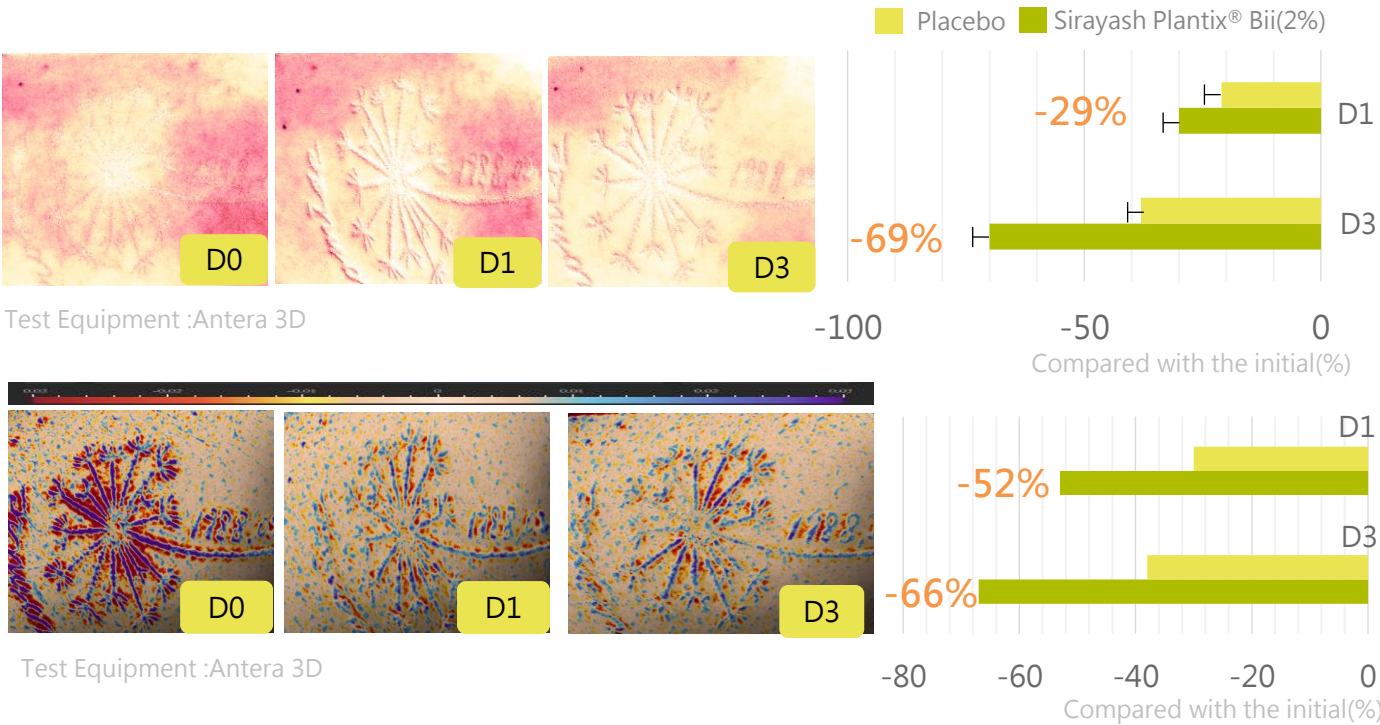
Taraxasterol

• **Promote the repair of epidermal keratinocytes.**

After completing the cell culture, a 200 μ L micropipette with a fine tip was used to draw a straight line on each well to scrape the cells, and photographs were taken for record-keeping. The cells were treated with Sirayash Plantix® Bii , and after 18 hours, photographs were taken again for recording. The TScratch software was used to calculate the percentage of cell area to determine the percentage of cell proliferation.

	Control Group	Exp. Group 1 Bii(0.1%)	Exp. Group 2 Bii(0.5%)	Exp. Group 3 Bii(1.0%)	Exp. Group 4 Bii(5.0%)
0hr	 38.38%	 37.18%	 39.68%	 40.44%	 38.69%
18hrs	 27.77%	 21.73%	 18.61%	 22.89%	 24.77%

• **Tattooed skin soothing and redness relief**



With 2% Sirayash Plantix® Bii, skin redness and swelling were reduced by 29% after 1 day and 69% after 3 days, while skin barrier damage decreased by 52% after 1 day and 66% after 3 days.