



NATORI PHYTOPEEL



INCI name

Ananas Sativus (Pineapple) Fruit Extract, Carica Papaya (Papaya) Fruit Extract, Ficus Carica (fig) Fruit Extract, Pentylene Glycol, Glycerin, Xanthan Gum

NATORI PHYTOPEEL

Natori Phytopeel is made up of **100% plant origin with an EWG green rating**. Our combination exhibits an enormous **exfoliation effect ~ 1.0 – 2.0%**. Additionally, it is a non-irritating, water-soluble product that is free from chemicals.

 Natural exfoliant

Disadvantage of using Chemical exfoliants







'Natori Phytopeel',
a Natural exfoliant by Ecoori

Chemical exfoliants typically consist of potent chemical substances that can **potentially cause skin irritation**. Individuals with **sensitive skin** may experience **side effects like rashes, itchiness, and redness** when using such products. Moreover, **improper application or prolonged exposure** can result in **skin damage** or **even accelerate skin aging**. And, there is a **growing consumer demand for chemical-free alternatives**.

Understanding the importance of safety and effectiveness, we proudly introduce 'Natori Phytopeel,' **crafted exclusively from 100% safe and plant-derived ingredients**.



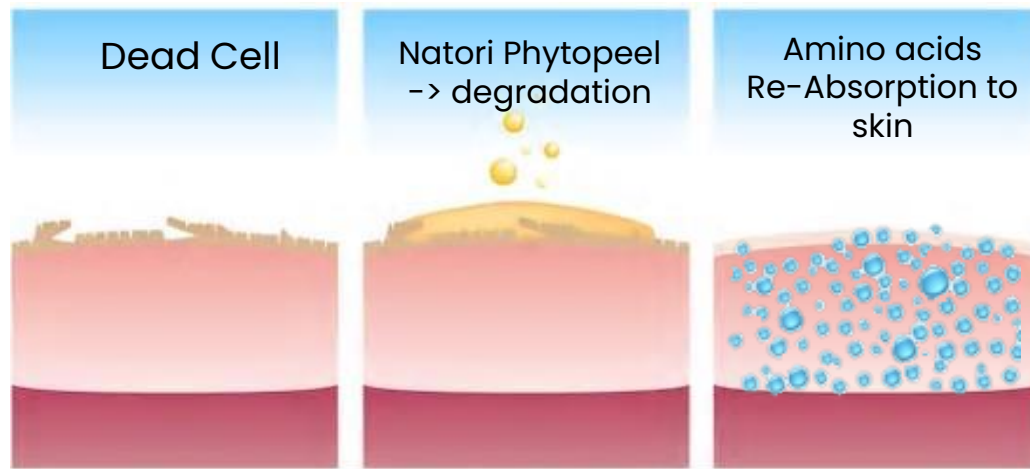
The Benefits of Our Natural exfoliant

Composition	Origin	INCI name	EWG	
	Pineapple	Ananas Sativus (Pineapple) Fruit Extract	●	1
	Papaya	Carica Papaya (Papaya) Fruit Extract	●	1
	Fig	Ficus Carica (Fig) Fruit Extract	●	1
	Palm	Glycerin	●	2
	Corn, Sugar Cane	Pentylene Glycol	●	1
	Sugar Cane	Xanthan Gum	●	1

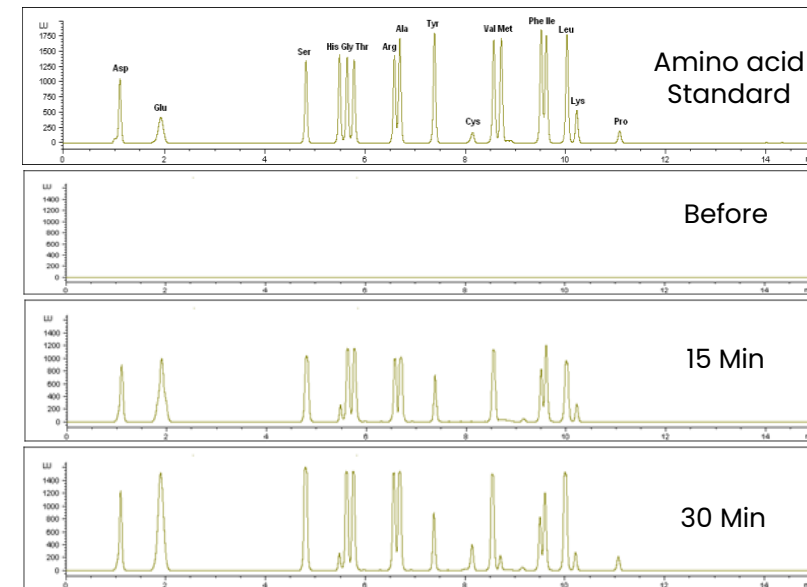
- Natori Phytopeel is a **100% plant-derived product**, ensuring a natural origin with **EWG Green ratings**.
- Product shows **impressive exfoliation effect at 1.0% to 2.0% concentration**.
- Natori Phytopeel is **non-irritating and free from harmful chemicals**, making it **gentle on the skin**.
- The formula is designed to **activate effectively within the skin's natural pH and temperature**.
- It breaks down **ex-keratin** into beneficial **amino acids**, promoting skin **re-absorption and nourishment**.

Efficacy – Exfoliation effect

Ex-vivo – Skin cell degradation test



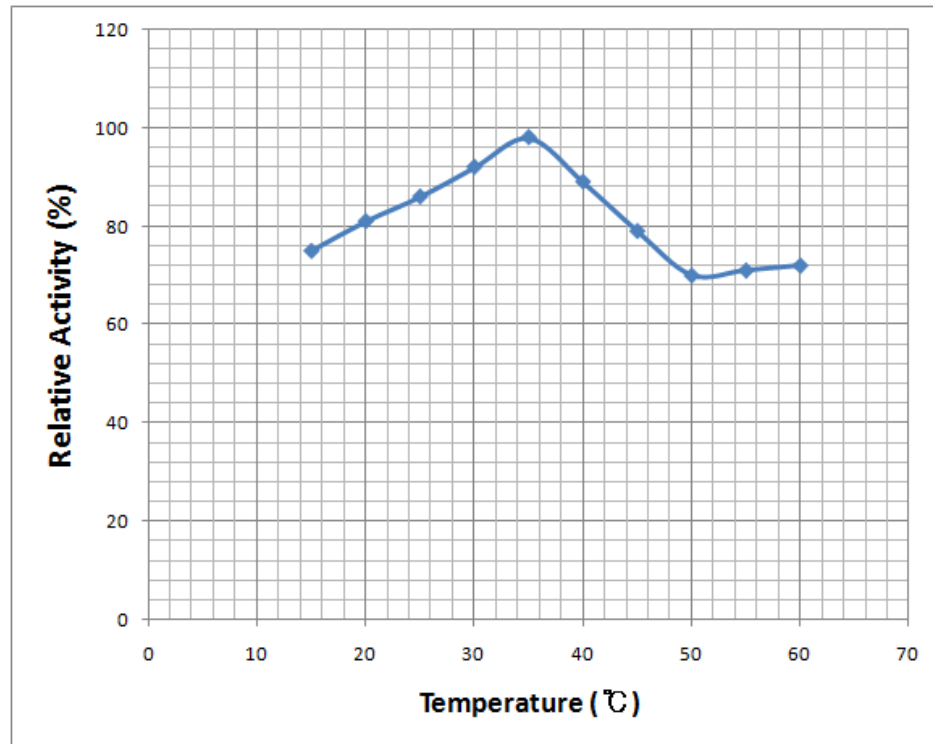
Skin dead cell + Natori Phytopeel 2% – Verification (HPLC)



Human skin dead cells were collected and subjected to testing with Natori Phytopeel to verify the degradation of Ex-Keratin (skin dead cells) into individual amino acids using real-time HPLC. **According to the results, after 15 minutes, Natori Phytopeel efficiently degraded the skin's dead cells into individual amino acids.**

Efficacy – Exfoliation effect

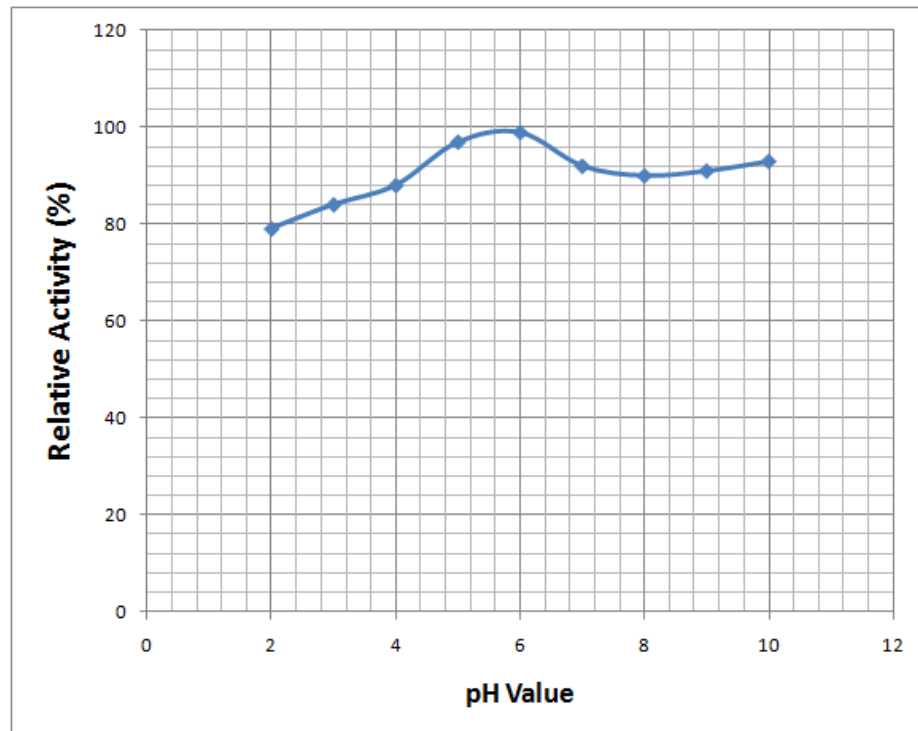
Max Activation (Enzyme kinetics), Temperature



We conducted a verification test to determine the maximum activation temperature of Natori Phytopeel using the casein protein degradation method. **The results** indicated that the **Max activation temperature is close to 37°C**, which is the approximate temperature of the human skin.

Efficacy – Exfoliation effect






Max Activation (Enzyme kinetics), pH



We conducted a verification test to determine the maximum activation pH of Natori Phytopeel using the casein protein degradation method. **The results showed that the Max activation pH is in the range of 4 to 6, which is similar to the pH of human skin.**

Stability Test

Stability Test (2.0% in Essence) – 1 month

Control	Sun	4°C	45°C	60°C
				
Stability test contents				
<i>pH, Sedimentation, Color Change, Odor Change, Microbial</i>				

In the Essence Formulation, **2% of Natori Phytopeel** exhibited **perfect stability** under various conditions, including exposure to sunlight, as well as temperature variations of 4°C, 45°C, and 60°C.

Review

After using a product containing Natori Phytopeel

Applied a product containing Natori Phytopeel to the heels **once a day for 7 days**

Consumer A



Consumer B



Information on Use

Specifications

Appearance	Slightly yellow gel liquid
Odour	Characteristic
Colour	Slightly yellow gel
pH	5.0 ~ 8.0

Formulation

Recommended Use Level, %	1.0 – 2.0%
Incorporation	Above 3hr on 80 °C is causing de-activation of exfoliation effect
Stability	Put into Water phase
Storage Conditions	Between 15~25°C, dark in a closed container, the desealed product should not be restored.

PRODUCTS

Planted in Beauty

POLISH + RESURFACE DETOX EXFOLIANT

Product Claims:

- **Pineapple** and Raspberry, rich in vitamins and organic acids, **exfoliate, retexturize**, and restore skin radiance while root extract of Great Burdock, high in polysaccharides, leaves behind a veil of hydration as it purifies and detoxifies.
- **Revealing a fresh, radiantly smooth complexion.** Helps to remove dead cells and leave your skin super soft and thoroughly clean.

Ingredients: Aloe Barbadensis (Aloe Vera) Leaf Juice*, Water, Decyl Glucoside, Hydrated Silica, Simmondsia Chinensis (Jojoba) Seed Oil*, Sucrose Laurate, **Glycerin**, Caprylyl/Capryl Glucoside, **Ananas Sativus (Pineapple) Fruit Extract**, Arctium Lappa Root Extract, Rubus Idaeus (Raspberry) Fruit Extract, Litsea Cubeba Fruit Oil, Gaultheria Procumbens (Wintergreen) Leaf Extract, Epilobium Fleischeri Extract*, Mentha Piperita (Peppermint) Oil, Moringa Pterygosperma Seed Extract, **Carica Papaya (Papaya) Fruit Extract**, Spiraea Ulmaria Flower Extract, Trigonella Foenum-Graecum Seed Extract, Tocopherol, Sclerotium Gum, **Xanthan Gum**, Citric Acid, Levulinic Acid, Dicaprylyl Ether, Sodium Hydroxide, Lauryl Alcohol, P-Anisic Acid, Sodium Levulinate, Alpha-Glucan Oligosaccharide, Citral, Phytic Acid, Limonene, Maltodextrin, Linalool, Geraniol, Citronellol, Potassium Sorbate



HERBIVORE

BLUE TANSY INVISIBLE PORES RESURFACING CLARITY MASK

Product Claims:

- A truly natural mask that gently clarifies skin with BHAs from White Willow Bark, **Fruit Enzymes** along with Aloe, and Blue Tansy Essential Oil to soothe the appearance of redness and irritation.

Ingredients: Water, **Glycerin**, Hyaluronic Acid, Aloe Barbadensis Leaf Juice, Carica Papaya (Papaya) Fruit Extract, **Carica Papaya (Papaya) Leaf Extract**, **Ananas Sativus (Pineapple) Fruit Juice**, Salix Alba (Willow) Bark Extract, Tanacetum Annuum Flower Oil, Sodium Levulinate, Sodium Anisate, **Xanthan Gum**, Lecithin, Sodium Phytate, Sclerotium Gum, Algae Extract, Silica, Oryza Sativa (Rice) Extract, Melia Azadirachta Leaf Extract, Melia Azadirachta Flower Extract, Corallina Officinalis Extract, Eclipta Prostrata Extract, Ocimum Sanctum Leaf Extract, Ocimum Basilicum (Basil) Flower/Leaf Extract, Coccinia Indica Fruit Extract, Solanum Melongena (Eggplant) Fruit Extract, Leuconostoc Ferment Filtrate, Curcuma Longa (Turmeric) Root Extract, Superoxide Dismutase, Soybean Peroxidase, Citric Acid, Limonene, Linalool, Benzyl Alcohol, Geraniol





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