

VINANZA®

WAKAME BIOACTIVE GEL

New Zealand **Brown Seaweed** is sustainably harvested from marine farms in the pristine waters of the Marlborough Sounds. Rich in polysaccharides & micronutrients to deliver the **ultimate skin nutrition for hydration, anti-inflammatory & rejuvenation.**



PRODUCT DESCRIPTION

This **New Zealand Wakame Seaweed** is a sustainable functional raw skincare ingredient, extracted using 100% Aqua pure technology, maximising the activity of the bioactives. Wakame Seaweed was used traditionally for its anti-inflammatory, antimicrobial and antioxidant activities.

- Instant and long-lasting hydration
- Soothes stressed skin and reduces redness
- Improves skin elasticity
- Humectant and amino acid rich to plump up and smooth the skin
- Helps minimize excess sebum secretion and decrease inflammation in acne-prone skin

Rich in **Polysaccharides Algonic Acid, Fucoidan, Fucoxanthin & Phenolic** compounds. These bioactive compounds & micronutrients are **cooling, soothing & rejuvenating** to stressed & damaged skin.

BIOACTIVE FUNCTIONS

- Multi-tasking natural sustainable ingredient
- Antioxidant protection from UV light - Anti photo-ageing
- Anti-pollution
- Cool refreshing ingredient - light formulations in humid climates
- Detoxifying
- Micronutrient rich with vitamins, minerals, amino acids and enzymes
- Improves elasticity
- Skin brightening and energising
- Eco friendly, Vegan

Algonic Acid/Algonate

Polysaccharide that improves skin elasticity, protects from UV rays and protects against ageing.

Fucoidan

A complex sulphated polysaccharide that has a strong antioxidative and anti-inflammatory activity (cell mobiliser).

Fucoxanthin

The main Carotenoid found in Undaria. Carotenoids are a class of natural pigments that inhibits skin photo-ageing.

Phenolic

Compounds are important for their powerful antioxidant properties to support and prevention of skin ageing.

TECHNICAL INFORMATION

INCI: *Undaria pinnatifidia* extract, Aqua

Plants used: Whole Kelp plant

Source: Commercial - GMO Free

Origin: New Zealand

Preparation Wash, extract, concentrate

Solvent used: Aqua

Shelf life: 24 months. Keep frozen

APPLICATIONS

- Advanced protective formulas
- Day care formulations
- Sun and after-sun care
- Skin care for sensitive skin
- Acne prone skin - hormonal imbalanced
- Face masks/treatments
- Hair care

FORMULATION GUIDE

Usage

- It is water soluble can be included in cosmetic formulations at levels 5-15% by weight
- Preservative free, must be stored frozen prior to inclusion in formula

Citation: Jesumani V, Du h, Pei P, Aslam M, Huang N (2020) comparative study on skin protection activity of polyphenol-rich extract and polysaccharide-rich extract from *sargassum vachellianum*. Plos ONE 15 (1): e0227308. www.doi.org/10.1371/journal.pone.0227308