



MARINE ACTIVE INGREDIENTS – Series

From the Ocean a precious solution for beauty and wellness





Seaweed and marine organisms represent some of the richest known natural sources of bioactive components and their extracts are a precious aid for maintaining the health of the skin at different levels. Marine organisms constitute a rich and sustainable source of natural products, such as:

- Polyunsaturated Fatty Acids,
- Polysaccharides,
- Minerals,
- Vitamins,
- Antioxidant Compounds,
- Bioactive Peptides

OUR PROJECT

Naturalis started a research and development project for 100% organic new active ingredients of marine origin in a joint venture with a company from the Azores islands specialized in the sustainable harvesting and growth of particular seaweed with a high biological potential, collected in the pure and uncontaminated sea that surrounds the Azores islands.

Together we shared our know how to put it at the service of cosmetics and offer a wide range of innovative and effective active ingredients.



Step n.1:

It all starts with seaweed harvesting...

Harvesting is performed by scuba diving, directly from land or with the support of a vessel. Harvest occurs in specific seasons according to the species life cycle and availability. Mainly, only the samples that reach their maximum development phase are collected. The collected samples are then analysed to discard those contaminated with epiphytic algae and gastropods to guarantee a purity of more than 90%.



Step n.2:

Seaweed processing

Seaweed are washed in seawater in situ and carefully transported in proper closed boards to the drying facilities (greenhouses and solar dryer) right after the harvest.

Drying performed through natural energy sources only at relatively low temperatures (max. 40° C) with continuous process (with moisture levels control, avoiding seaweed specimen rehydration).

Step n. 3:

Naturalis extraction process: Ultrasound-assisted extraction

Ultrasound-assisted extraction (UAE) is an ideal extraction method capable of producing high quantities of bioactive compounds. The main benefits are: decrease of extraction and processing time, unit operations, CO2 emissions and the use of moderate temperatures, which is beneficial for heat-sensitive compounds.



And then...it's all about beauty!

Our products can be used to formulate with all kind of cosmetics, in order to make them rich in active compounds and give them a natural and elegant appearance.

TRADE NAME	INCI NAME	COSMETIC ACTIVITY	INDICATION	% OF USE
SEACTIVE-ZT	Zonaria Tournefortii Extract	Blue light protective, Radical scavenger, Anti spot, Moisturizing	Aggressed skin, Sensitive skin, Senescent skin, Dry skin	2-10%
SEAMOIST-CH	Cystoseira Humilis Extract	Moisturizing, Soothing, Radical scavenger, Anti-aging	Dry skin, Senescent skin, Sensitive skin, Skin and sun	2-10%
OCEAN-AGE	Aphanizomenon flos-aquae Extract Atelocollagen and Aphanizomenon flos-acque extract	Anti-aging Anti-wrinkles Strong moisturizing, Tissue repair	Dry skin, Senescent skin, Sensitive skin, Aggressed skin, Skin and sun	1-5%



Naturalis Srl Via Ozanam, 20811 - Cesano Maderno (MB) - Italy
Phone +39 0362 545457 - Fax +39 0362 526364 - www.naturalis.it - info@naturalis.it

The brochure is not intended for consumer and any extract must be used in order to market products. No design, photography or other extract derived from this brochure are to be used without our prior written approval. The person using the active ingredient set out in this brochure in the formulation of finished products is solely responsible for ensuring that the ingredient is in compliance with all applicable laws and regulations. We hereby disclaim all warranties of suitability of the principle set out in this brochure for any purpose. Any potential user of the principle must himself determine the suitability of the ingredient for its intended use.