



2019

Seaweed Catalogue



Seaweed Catalogue

Azores



👁️ **Quality, sustainability** and **excellence** are **seaExpert's** main priorities.

We work with species that are harvested in the middle of **Atlantic Ocean** in the unpolluted and clear waters of the **Azorean** sea. We work through responsible choices and procedures in order to ensure minimum impact on the Azorean coastal marine ecosystem.

👁️ After manually harvested through scuba diving, our seaweeds are dried in greenhouses and solar dryer, being monitored throughout the whole drying process. Once dried, the seaweeds are carefully weighed, packed and stored in a dry environment.

This is how we are able to provide you with an **exceptional and exquisite product**, through an **efficient and excellent service**.



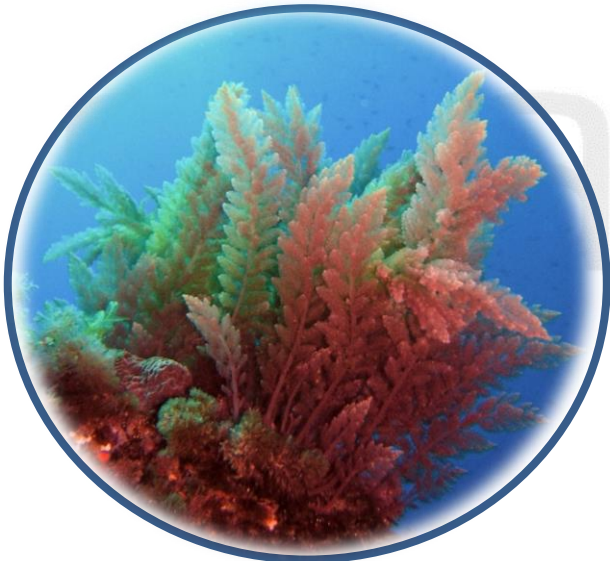


Asparagopsis armata

● **IECIC 2015 (China List) Index Number: 01708**

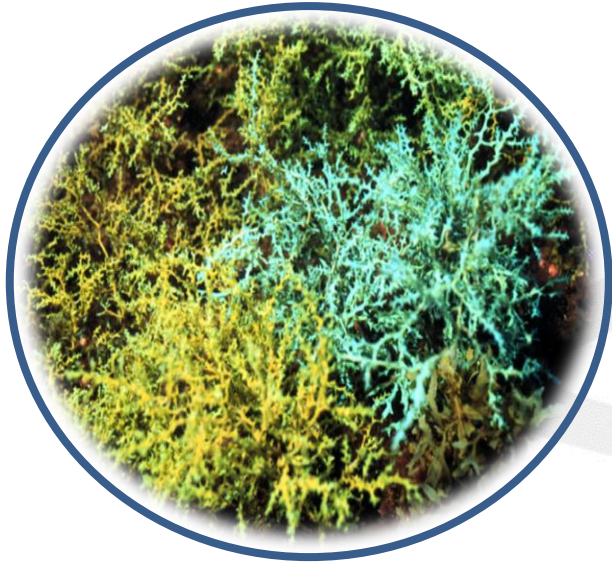
● **CAS Number: 174393-71-6**

- Antifungal [[1](#)]
- Antimicrobial [[1](#), [10](#), [14](#), [19](#)]
- Antioxidant [[19](#)]
- Antiviral [[6](#), [26](#)]
- Anti-Leishmania [[13](#)]
- Cytotoxicity against human cancer cells [[1](#), [17](#), [24](#)]
- Phycolloid production [[3](#)]



Asparagopsis taxiformis

- Anticoagulant [[32](#)]
- Anticyanobacterial [[23](#)]
- Antifouling [[23](#)]
- Antifungal [[33](#)]
- Antimicrobial [[16](#), [25](#)]
- High protein content [[35](#)]



Cystoseira abies-marina

- Antimicrobial [[11](#)]
- Antioxidant [[22](#), [28](#), [31](#)]
- Cytotoxic [[31](#)]



Cystoseira humilis

- Antibacterial [[7](#), [12](#), [20](#), [29](#), [34](#)]
- Antifungal [[7](#)]
- Antioxidant [[34](#)]



Halopteris scoparia

● **IECIC 2015 (China List) Index Number: 08637**

- Antifungal [[1](#)]
- Antimicrobial [[2](#)]
- Antimitotic [[1](#)]
- Antioxidant [[15](#), [36](#)]
- Antiprotozoal [[9](#)]
- Anti-leukemia [[27](#)]



Pterocladia capillacea

- Antibacterial [[18](#)]
- Anticoagulant [[4](#)]
- Antinociceptive [[21](#)]
- Antioxidant [[30](#)]
- Antitumoral [[8](#)]
- Anti-inflammatory [[21](#)]



Zonaria tournefortii

- Antibacterial [5]
- Antioxidant [35]

● Scarcely abundant
 ● Moderately abundant
 ● Very abundant

<u>Month/Species</u>	<i>Asparagopsis armata</i>	<i>Asparagopsis taxiformis</i>	<i>Cystoseira abies-marina</i>	<i>Cystoseira humilis</i>	<i>Halopteris scoparia</i>	<i>Pterocladia capillacea</i>	<i>Zonaria tournefortii</i>
January							
February							
March							
April							
May							
June							
July							
August							
September							
October							
November							
December							

Orders should be ideally confirmed one month before the green. Seaweed recruitment and consequent availability may vary inter and intra annually.

Harvesting is performed by scuba diving, through land or with the support of a vessel, by suitably qualified personnel with legal diving and harvesting permits, as well as trained to use specific harvest selective techniques.



This harvesting technique, in addition to being safer for divers, allows to reach low by-catch rates (up to 5%, mainly of other seaweed species and gastropods) and selection of biomass at their maximum growing development.



Immediately after harvesting, the seaweeds are carefully transported to our drying facilities.

Depending on weather conditions, the seaweed take on average of 3 days to dry completely in our greenhouses. It's also possible, with the support of our solar dryer, to ensure a single and continuous drying process by controlling seaweed and air humidity levels, in order to maintain their biochemical properties and full potential for biotechnology uses.

In order to keep all the quality of our seaweed, it is packed carefully in sturdy dark bags and placed in moisture resistant cardboard boxes.

Each package is properly labeled with the species name, weight and certifications.

According to EU regulation REACH and CLP, no SDS (Safety Data Sheet) is needed for our seaweeds, although, for better handling, seaExpert provides each shipment with an SDS.



Nagoya Protocol

Always defending our Oceans and natural resources sustainability, seaExpert is proud to announce our full commitment and compliance to the Nagoya Protocol requirements, according to the current regional legislation, namely the Regional Law Decree 9/2012 and the Regional Regulation Decree 20-2012-A.



This is, without a doubt, another major step towards seaExpert's good practice acknowledgement when it comes to the protection of the local genetic resources sustainability, biodiversity, access and associated benefit-sharing, topics established by the Nagoya Protocol and regulated by the Regional Government of the Azores.

EU Organic Certification



Certification by:

Certiplanet – PT-BIO-04



To strengthen the confidence on our seaweed's quality, as well as sustainable management through annual stock control, site selection and handling guidance, our seaweed is certified with the Organic Farming seal, regulated by the European Union Commission.

It will be possible to see the Organic Farming logo on the labels of every seaweed species presented in this catalogue, certifying their Nature's origin while respecting their conservation, security and biological quality policies.



Azores Brand badge, promoted by the Azores Regional Government, represents an origin certificate for seaExpert's seaweed, which allows an immediate product promotion considering the link between Azores and the best Nature has to offer.



The QualityCoast programme, promoted by Green Destinations, aims to award coastal communities that stand for values like sustainable development and biodiversity, and at the same time maintaining high standards in the quality of their tourism.



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