Domaine Spiruline

Data Sheet DO/SP/FT001

Organic Spirulina

CCPB certified product according to the CCPB standard for Organic Production
equivalent to European Regulation CE No. 834/2007

Information on Organic Spirulina

Origin	Organic cultivation at the heart of the Ben Abid forest and Lake Kouachia - Morocco
Botanical Source	Cyanobacteria Arthrospira Platensis
Form	**Flakes**
Packaging	**18 kg** Barrel
Description & Properties	Freshwater microalgae, which helps to improve tone and vitality, and to strengthen the body's resistance. Naturally rich in proteins, minerals (iron, magnesium, etc.) and nutrients (phycocyanin, chlorophyll, AGL, SOD, etc.).
Label & Certification	**Organic Spirulina** complies with the **CCPB** standard for Organic Production, equivalent to Reg. CE No. 834/2007 for the ecological production of microalgae and their transformation.
Quality	Ecological cultivation in a controlled atmosphere, far from all sources of pollution. The crops are subject to daily monitoring and attention: measurement of physico-chemical parameters, temperature management, monitoring of crop densities, which trigger the harvests and examination of the crops under a microscope. Beyond this daily vigilance, **DOMAINE SPIRULINE** carries out complete analyzes of crop supply water, heavy metals, pesticides, PAHs and nutritional analyzes once a year. For each production batch, bacteriological analyzes (Salmonella, ASR, Total flora, Clostridium, Coliforms, Staphylococci) are regularly carried out. Organic Spirulina from **DOMAINE SPIRULINE** is grown organically without pesticides, herbicides or additives. It is a non-irradiated product, without preservatives and without GMOs.

Nutritional Values

Nutrients	per 100 g
Proteins	43,3 g – 79,3 g
Carbohydrates	15 g - 25 g
Lipids	1,9 g – 9,8 g
Iron	26,8 mg – 169,4 mg
Phosphorus	111 mg – 3671 mg
Beta carotene	21,7 mg – 178,9 mg
Phycocyanin	2,2 g – 25,5 g
Y-linoleic acid	1 g – 5 g

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Further information

Spirulina has been irradiated :	No
Use of inputs of animal origin :	No
Use of ionizing radiation :	No
Use of GMOs :	No
Use of additives and auxiliaries :	No
Non-aggressive drying technique :	Yes

Bio trait specification

The specificity of an organic spirulina compared to a non-organic spirulina comes down to requirements linked to the CCPB standard for organic production. On this, we have the obligation to use certain organic inputs authorized by this standard. These inputs provide us with bio-assimilable food from our microalgae without guaranteeing us a stable composition of nutritional elements over an entire production batch. The drying method within organic production requires gentle drying with a temperature below 50 degrees, in order to preserve the entirety of the microalgae, while keeping all its organoleptic qualities and its active ingredients.
Industrial spray drying, which does not comply with the organic standard, has, on the other hand, more stringent microbiological standards, like organic drying which has the unique particularity of having microbiological specifications at the level of non-pathogenic germs.

Packaging

- Packaging materials : Food plastic bag and food plastic drum.
- Our packaging provides protection against light and humidity and can be resealed without limits.

Storage conditions

- High storage temperature and humidity will reduce the qualities of this microalgae.
- Keep the spirulina cool, away from any heat source.
- Avoid exposing it to the sun or strong light.
- DLUO 36months.

Note

As this product is a natural raw material, it may exhibit fluctuations, particularly in color, beyond our control and for which **DOMAINE SPIRULINE** cannot be held responsible. This technical sheet has been established to help users in their task and has been written with great care for accuracy. However, the information it contains is given for information purposes only and cannot bind the company **DOMAINE SPIRULINE** beyond the guarantees given in the contracts. Comply with current regulations for the use of this product.