

StemEnhance[®] ULTRA



StemEnhance[®] Ultra (SEU) is made from nature's most primitive superfoods. It concentrates and combines extracts from fresh water microalgae and marine macroalgae. Cerule is specialized in the harvest of Aphanizomenon flos aquae (AFA) and transformation and extraction of both AFA and spirulina through processes that insure quality from the raw material to finished extracts.

SEU is the result of more than 10 years of research in the identification and extraction of active molecules, as well as the design of an exclusive drying technology called HydroDry[®] that preserves the nutritional benefits of algae, (US Patents 6,814,961 & 9,370,537 / EU Patent 1,895,973).

StemEnhance[®], a patented and clinically tested extract of AFA, is associated with fucoidan from Undaria pinnatifida and Mesenkine[™], a Cerule exclusive and patented concentrate from Spirulina. These 3 ingredients work in synergy to support the mobilization of your source of wellness.

CHARACTERISTICS AND BENEFITS

- AFA is a blue-green algae that belongs to cyanobacteria family. It grows naturally in Klamath lake in Southern Oregon (USA). Cradled in a volcanic region surrounded with national parks and forest, Klamath lake constitutes a unique ecosystem rich in sediments and minerals that promotes and sustains exceptional algal blooms. Thus, AFA provides various essential macronutrients (Pietri A. M., 2011), proteins (>50%) and in fibers.

It also constitutes a good source of micronutrients:

- 20 amino acids, characterized by an ideal profile that matches the recommended daily intakes of the 10 essential amino acids
- 60 minerals and trace elements, rich in calcium (6mg/g) and in iron (0.32mg/g)
- 14 vitamins, particularly vitamins B1, B2, B12.

It provides several antioxidants such as carotenoids, lycopene, and chlorophyll.

Moreover, AFA contains PhenylEthylAmine (PEA). This molecule is naturally secreted by the brain and is associated with a sense of wellbeing, it participates to the regulation of mood.

StemEnhance contains a L-selectin inhibitor and has clinically tested to support the mobilization of your source of wellness (Jensen et al., 2007). The extract has been extensively studied in several preclinical and clinical studies (Drapeau et al., 2010; Drapeau et al., 2012; Ismail et al. 2013; El Akabawy & El Mehi 2015).

- Arthrospira platensis also called spirulina, belongs, just like AFA, to the family of blue-green algae. It grows and is cultivated in sunny regions worldwide such as the United States, Greece, Spain, Japan and India (Karkos et al., 2011). It is well known for its nutritional richness in macro and micronutrients. It is composed of more than 60 % proteins and 14% carbohydrates. It is a good source of essential polyunsaturated fatty acids, amino acids, and micronutrients such as Iron, Calcium, Magnesium, Phosphorus and Selenium. It is used in nutritional supplementation all over the world. It contains antioxidants and supports the immune system (Finamore et al., 2017).

While developing Cyactiv over several years, a yellow low-molecular weight compound called Mesenkine[®] was discovered and isolated from spirulina. The process to extract Mesenkin[®] has been patented by Cerule. The studies carried out on Mesenkine[®] have shown that the extract helps mobilize your source of wellness.

StemEnhance[®]
Aphanizomenon Flos-Aquae



Fucoidan
Undaria pinnatifida



Mesenkine[®]
Arthrospira platensis



- Undaria pinnatifida is used in Japanese cuisine under the name of Wakame, it is used in salads and miso soup. Undaria pinnatifida is a brown algae traditionally called sea fern. It is growing in several regions of the world but the Wakame selected in SEU comes from Patagonia and Tasmania, two of the world's most pristine oceanic environments. Undaria pinnatifida helps to protect cells and tissues against damages from oxidative stress, thanks to its richness in polyphenols and fucoxanthin (Fung et al., 2013). This characteristic comes from an adaptive defense mechanism, as seaweeds are exposed to significant sunlight and oxygen.

Marine algae, or seaweeds, are well-known for their content in sulfated polysaccharides that compose their cell wall. The extract selected by Cerule, standardized to 80% of fucoidan, was documented to support the mobilization of your source of wellness (Irhimeh et al., 2007).

INGREDIENTS AND LABELS

Store preferably in a cool, dry place and away from heat. Do not refrigerate. Do not use if the protective cap is broken.

WARNING : Do not exceed the recommended daily intake. Dietary supplements should not substitute for a varied and balanced diet and a healthy lifestyle. Keep out of reach of young children. Not recommended for use by people taking blood thinners.

US Patents 6,814,961/7,651,690/9,370,537. Manufactured in the United States. Batch number : see bottom of the bottle. Best before end of : see bottom of the bottle.

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StemEnhance[®] ULTRA

**ALGAE-BASED
DIETARY SUPPLEMENT**
Gluten free

60 CAPSULES
Net weight : 44 g

COMPOSITION : Aphanizomenon Flos-Aquae (Klamath algae) extract; Arthrospira Platensis (spirulina); capsule shell : hydroxypropyl methylcellulose; rice concentrate; Undaria Innatifida extract (Wakame).

INGREDIENTS	2 capsules	4 capsules
StemEnhance [®] Concentrate - Aphanizomenon flos-aquae extract	475 mg	950 mg
Mesenkine [™] - Arthrospira platensis extract	475 mg	950 mg
Undaria pinnatifida extract	75 mg	150 mg

DIRECTIONS FOR USE : 2 capsules, 1-2 times a day with or without food.

100% vegetarian, gluten free, dye free, and artificial flavor free.



www.gluten.org


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Item code : SE101-EN
Rev. JUN18

To help you better understand the product, the label is translated here in your language.
Note that the product you will receive has a label written in French.

CONDITIONS OF USE

Recommended daily dose for an adult: 2 capsules, 1 to 2 times per day, with a glass of water, during or outside meals. Do not refrigerate.

ADDITIONAL INFORMATION

Do not contain dairy product and gluten.
Do not contain artificial aroma, preservative or coloring agent.
Capsule exclusively composed of ingredient from vegetal origin.
Suitable for vegetarian consumers.

Cerule has no knowledge of any contraindications to consume StemEnhance Ultra[®] in case of pregnancy or breastfeeding. However, as a precaution, we advise to consult your physician as pregnancy and breastfeeding represent specific health conditions.

Cerule has no knowledge of any contraindications or interactions to consume StemEnhance Ultra[®] with any medication. However, if you are taking a treatment or if your health state requires a medical follow-up, we advise to consult your physician. Not advised for people under anticoagulants medication.

Food supplements cannot be substitutes for a varied and balanced diet and a healthy lifestyle. StemEnhance Ultra[®] is a food supplement which is not intended to treat, diagnose or prevent any disease.

Q&A

What are the ingredients in StemEnhance Ultra (SEU)?

StemEnhance[®], a patented and clinically tested extract of Aphanizomenon Flos Aquae (AFA), is associated with fucoïdan from Undaria pinnatifida and Mesenkine[™] - a Cerule exclusive and patented concentrate from Spirulina. These 3 ingredients are working in synergy to support the mobilization of your source of wellness.

Can StemEnhance Ultra[®] be used with Cerule food supplements (PlasmaFlo and Cyactiv) or with other food supplements?

Yes, Cerule products can be consumed together and have been created to act in synergy for an optimal wellness. Cerule has no knowledge of any contraindications or interactions to consume StemEnhance Ultra[®] with any other food supplements.

For more information, please visit our website www.cerule.com, [Facebook.com](https://www.facebook.com/cerule), [Youtube.com](https://www.youtube.com/c/cerule) : Cerule. Customer service will answer all your questions by phone at 0033 (0) 977 550 100 or by email at infoeurope@cerule.com

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