

Spirulina

INCI: Spirulina Maxima Extract

CAS Numbers: 536993-92-7



Description:

Spirulina is a simple one cell form of microscopic blue-green algae. It is a spiral coil living in warm, alkaline fresh-water bodies. It is rich in protein, vitamins, minerals, and carotenoids (a type of antioxidant that can help protect cells from damage). It contains nutrients, including B complex vitamins, beta-carotene, vitamin E, manganese, zinc, copper, iron, selenium, and gamma linolenic acid (an essential fatty acid). Spirulina was a food source for the Aztecs and other Mesoamericans until the 16th century.

Technical Data:

Test	Specification
Appearance	Powder
Color	Green/blue
Odor	Characteristic
Density	0.5-0.69
Density (compressed)	0.6-0.75
Dry Matter	>90%
Ash	6-8%
Organic Matter	93-95%
Mineral Matter	5-10%

Applications:

Due to its antioxidant properties, Spirulina can provide protection against the cell and tissue damage, caused by free radicals. These properties make it an excellent, natural option for skin care promoting soft, smooth and healthier looking skin. In addition to fighting against acne, it also helps in preventing wrinkles. Spirulina can be used in treating allergic dermatitis. Some studies have found that it can block the release of histamine, which is responsible for allergic reactions.



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