

# YAEYAMA CHLORELLA

## A Green Source of Good Health



- Rich in Chlorella Growth Factor
- Supplies Natural RNA, DNA and Chlorophyll
- Cell Wall-Broken for Maximum Absorption
- Greater Than 65% Pure Protein
- Provides Naturally Occurring B Vitamins and Antioxidants
- Suitable for Vegans

molecule to the heme portion of the hemoglobin molecule makes it useful to the body in the area of blood maintenance. Chlorophyll, as is true of many other such colorful plant pigments, is a significant antioxidant. Traditional herbalism classifies chlorophyll as a blood purifier.

### Other Benefits

As a deep green food, chlorella is said to have an “alkalizing” effect upon the body. Some of this effect is indirect in that chlorella promotes the growth of lactobacilli in the intestines and thus helps to improve overall bowel health. With its content of easily assimilated vitamins, minerals and various plant factors, chlorella is a concentrated green food. Indeed, chlorella is one of the earliest instances of a “functional food,” that is, a food with special nutritive properties. It is also an example of a true “food source” supplement for nutrients.

### Usage

Available in capsules, tablets and powder. As a dietary supplement, take 2 to 10 capsules, 5 to 20 tablets or 1 to 3 teaspoonsful per day with juice or water, or as directed by your qualified health professional.

### References

Konishi F, Tanaka K, Himeno K, Taniguchi K, Nomoto K. Antitumor effect induced by a hot water extract of *Chlorella vulgaris* (CE): resistance to Meth-A tumor growth mediated by CE-induced polymorphonuclear leukocytes. *Cancer Immunol Immunother*, 1985;19(2):73-8.

Tanaka K, Konishi F, Himeno K, Taniguchi K, Nomoto K. Augmentation of antitumor resistance by a strain of unicellular green algae, *Chlorella vulgaris*. *Cancer Immunol Immunother*, 1984;17(2):90-4.

Nahata MC, et al. Effect of chlorophyllin on urinary odor in incontinent geriatric patients. *Drug Intel Clin Pharm*, 1983;17:732-734.

Smith L, Livingston A. Chlorophyll: An experimental study of its water soluble derivatives in wound healing. *Am J Surg*, 1943;62:358-369.

Patek A. Chlorophyll and regeneration of the blood. *Arch Int Med*, 1936;57:73-76.

Ong TM, Whong WZ, Stewart J, Brockman HE. Chlorophyllin: a potent antimutagen against environmental and dietary complex mixtures. *Mutat Res*, 1986 Feb;17(2):111-5

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Chlorella is one of the richest sources the green plant pigment chlorophyll. In its various forms, both water-soluble and fat-soluble, chlorophyll has many uses. It is often touted to control purification and unwanted odors in the body and as an aid to healing. In the fat-soluble form found in fresh plants, chlorophyll postively modulates the production of hemoglobin and red blood cell production. It has been suggested that similarity of the chlorophyll

### Chlorophyll



The cell wall of chlorella needs to be ruptured to afford the greatest nutritional benefit. Nevertheless, components of the chlorella cell wall also provide important health benefits. These cell wall constituents bind to toxins and supply high-grade fiber. Compounds found in the cell wall also activate sensing components of the immune system. Hence although the chlorella cell wall needs to be disrupted, it should not be thought of as being without benefit.

For this reason, Yaeyama developed a special processing results in the loss of nutritive value. ability is desirable, however, the wrong type of only on the order of 50%. Improving digest- ed. Without special processing, digestibility is Chlorella algae, unlike most other green foods, has a tough cell wall which is not easily digested. Chlorophyllin, a potent antimutagen against environmental and dietary complex mixtures. *Mutat Res*, 1986 Feb;17(2):111-5

### The Truth About Chlorella Cell Walls

Chlorella is approximately 25% CCG. CCG extended lifespan by 30%. Yaeyama proper bowel function, etc. In trials with mice, tissue repair, the production of enzymes, building material for the immune system, The components of CCG provide the basic Chlorella algae, unlike most other green foods, has a tough cell wall which is not easily digested. Chlorophyllin, a potent antimutagen against environmental and dietary complex mixtures. *Mutat Res*, 1986 Feb;17(2):111-5

a hot water extract of chlorella. This special growth factor was found to be especially rich in DNA. In fact, chlorella contains 17 times the amount of DNA found in sardines, probably the next richest natural source of these nucleic acids. Chlorella is approximately 10% RNA and 3% DNA.

The story of chlorella growth factor (CGF) goes back to the 1950's and the People's Scientific Research Center in Tokyo. Dr. Fujimaki of the Center used electrophoresis to separate a substance from



### Chlorella Growth Factor (CGF)

found in some other chlorella products. the concentration of key chlorella nutrients Yaeyama Chlorella contains up to three times

digestible. to ensure that the resulting product is highly cell walls of the chlorella thoroughly breaks the impact jet-spray drying tropical sunshine. High chlorella under Ishigaki's optimize the growth of the enriched with nutrients to areas. The island's own Islands, far from industrial ermmost tip of the Japanese Ishigaki Island at the south-

environmentally pristine coral reef region of is grown in outdoor freshwater ponds in the celled fresh water algae. Yaeyama Chlorella is a subspecies of *Chlorella vulgaris*, a single- Jarrow FORMULAS® Yaeyama Chlorella Start with an Island Paradise

