



Chlorella

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Chlorella is a food-grade algae—a whole food with high nutritive value. Recent studies have shown that this algae also has therapeutic potential. The four primary compounds found in Chlorella that are documented to offer health benefits are: chlorophyll, cell wall materials, beta carotene, and Chlorella Growth Factor (CGF).

Published Data

- Chlorella has an inherent genetic stability and effective DNA-repair capacity. DNA (deoxyribonucleic acid) is the master substance of life, storing information regarding all inherited traits and directing the activity of each cell.
- Chlorella Growth Factor (CGF) is a unique group of substances that have the potential to help repair organs and tissues that have been damaged. CGF is thought to be a great "normalize" in the body.
- The cell wall materials can make a beneficial impact within the intestines. Research indicates that Chlorella has the capability to improve bowel function and stimulate the growth of healthful bacteria. Plus, the cell wall materials may absorb poisons within the intestine and promote normal peristalsis.
- Chlorella is a good source of beta carotene. Ten grams of Chlorella can contain as much as 5,550 I.U. — over 100% of the U.S. RDA — of this important antioxidant nutrient.
- May stimulate the immune system. Chlorella promotes the production and activity of B-cells, T-cells, and macrophages.



Chlorella...

- ◆cells can reproduce in less than 2 hours. It is estimated that a one-acre Chlorella pond, under ideal conditions, can produce 30 tons of algal matter per year.
- ◆ ...contains beta carotene, vitamins C, E, K, B2, B6, B12, niacin, pantothenic acid, folic acid, biotin, choline, and inositol. Chlorella's broad range of minerals include: phosphorus, potassium, magnesium sulfur, iron, calcium, manganese, copper, zinc, iodine, cobalt, and trace elements.
- ◆ ...has a strong cell wall; this is one of the main reasons it is unique. Research shows that these materials may help remove hydrocarbon and metal poisons from the body. Cell lysis "cracked-cell-wall" technology — is employed to enhance the bioavailability of nutrients within Chlorella cells.
- ◆ ...is about 60% protein. These proteins contain amino acids known to be essential to human nutrition. Due to its amino acid composition, the quality of Chlorella protein approaches that of animal proteins.
- ◆ ...is a reliable source of vitamin B12. One tablespoon of dried Chlorella powder provides 333% of the I. S. RDA of vitamin B12 for adults.
- ◆ ...may promote detoxification. Its potential to do so may be due to its unique cell wall materials. Chlorella can bind to cadmium and is a detoxifier of pesticides and insecticides. It is capable of gathering toxic substances, such as mercury, uranium, and lead, from the sur-

rounding environment. Chlorella may even assist in the excretion of heavy metals from the body.

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