

RFI's **FermaPro® Chlorella** is blue-green algae that naturally provides key nutrients, including a vast array of vitamins, minerals, essential fatty acids, amino acids, nucleic acids (RNA and DNA) and chlorophyll. A great source of vegan protein, Chlorella is lower in fat and more digestible than animal-derived protein sources, making it an attractive protein alternative for vegans, vegetarians and those seeking to reduce their animal protein consumption.

Chlorella is one of the richest sources of the green photosynthetic pigments, chlorophyll-a and chlorophyll-b. In Japan, Chlorella is by far the most popular nutritional supplement, with over seven million daily users.

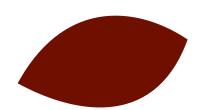
Health Benefits of Chlorella

- ▶ Chlorella vulgaris has been shown in vitro and in animal models to have strong chelating properties, binding heavy metals in the body so they can be eliminated.¹,2,3,4
- ▶ Chlorella has also been shown to help neutralize toxins.^{5,6,7,8}
- ► Clinical studies support the use of Chlorella for a healthy cardiovascular system.^{9,10}
- ▶ Clinical trials also report that Chlorella boosts immune system function, including enhancing natural killer cell activity and supporting a healthy inflammatory response. 11,12





- ✓ Supports Natural Detoxification
- ✓ Enhances Immune Function
- ✓ Supports Cardiovascular Health
- ✓ Helps Balance Body's pH
- ✓ Vegan Protein Source







RFI's FermaPro® Chlorella is produced in a closed, sterilized bioreactor. High-density fermentation of Chlorella in a bioreactor results in a milder smell, no risk of contamination, and low heavy metals.

In addition, Chlorella grown in a closed fermentation system naturally grows a softer cell wall. This thinner cell wall is easily broken during the drying process and does not require milling to break it, eliminating the loss of nutrients and improving digestibility up to 80%.



- Self-affirmed GRAS
- Produced in a closed, sterilized bio-reactor low heavy metals
- High digestibilty
- Certified Kosher and Halal
- ▶ **GFSI-certified** and grown and processed in compliance with ISO 22200 and GMP standards
- ► FermaPro® Chlorella is available in excipient-free tablets (200 and 500 mg)



Have an Idea for a Product?

We will help you bring it to market! Blueprints for Health® is our quick-to-market solution for custom products and turnkey solutions. Our diverse range of services will streamline the entire development, manufacturing and marketing process, saving you money, time and a whole lot of hassle.

¹¹ Kwak JH, et al. Nutr J. 2012;31;11:53. 12. Halperin SA, et al. CMAJ. 2003;169(2):111-7.



Huang et al. Aquatic Toxicol. 2009;91:54-61.

Jang et al. FASEB J. 2008;22:709.5.

Kim et al. Nutr Res Pract. 2009;3:89-94.

Yang et al. J Biotechnol, 2008:136:S570

Konish et al. Cancer Immunol Immunother. 1996;42:268-274.

^{6.} Tanaka et al. Infect Immun. 1986;53:267-271.

Dantas and Queiroz. Int J Immunopharmacol. 1999;21:499-508.

^{8.} Hasegawa T, et al. Int J Immunopharm. 1995;17:505-512.

Otsuki T, et al. J Clin Biochem Nutr. 2013;53(3):166-9.

^{10.} Shimada M, et al. Clin Exp Hypertens. 2009;31(4):342-54.