

Organic Chlorella Powder



What is Organic Chlorella Powder?

Organic Chlorella Powder is meticulously crafted from 100% pure, organically cultivated *Chlorella vulgaris*. We carefully harvest, gently dry, and process the chlorella, often undergoing a cell wall breaking process to enhance nutrient bioavailability and digestibility.



Chlorella is globally recognized for its exceptional nutritional density, featuring a complete amino acid profile (typically 50-60% protein), and an abundance of essential vitamins (B complex, C, E), minerals (Iron, Magnesium, Zinc), and powerful detoxifying compounds like chlorophyll and its unique Chlorella Growth Factor (CGF). This versatile powder offers a convenient and effective way to integrate this powerhouse superfood into various product applications, naturally boosting their nutritional value and appeal.

Specifications

Attribute	Details
Latin Name	<i>Chlorella vulgaris</i>
Source	100% Organic Chlorella Algae
Processing	Cultivated, harvested, gently dried, cell wall cracked/broken (optional, but often standard), finely milled
Appearance	Fine, dark green powder
Flavor	Characteristic strong green, slightly earthy/umami flavor
Texture	Fine, uniform powder
Protein Content	Typically 50-60% (dry basis)
Key Nutrients	Chlorophyll, Chlorella Growth Factor (CGF), Vitamin B Complex, Vitamin C, Vitamin E, Iron, Magnesium, Zinc, Beta-Carotene.

Key Features

- **Exceptional Detoxification Support:** Abundant in **chlorophyll**, which is known for its natural cleansing properties and ability to bind with heavy metals and toxins, supporting the body's natural detoxification pathways.
- **Unique Chlorella Growth Factor (CGF):** Contains a complex of nucleic acids (DNA and RNA) and other compounds that promote cellular regeneration, growth, and repair.
- **Nutrient-Dense Superfood:** Packed with a **complete plant-based protein** profile, essential vitamins (B complex, C, E), and vital minerals like **Iron, Magnesium, and Zinc**, crucial for various bodily functions.
- **Immune System Boost:** A natural source of nutrients and compounds that can help fortify the body's defenses and overall well-being.
- **Digestive & Gut Health:** The fiber and chlorophyll content may support healthy digestion and a balanced gut microbiome.
- **Natural Green Colorant:** Imparts a vibrant, natural green hue, useful for enhancing the visual appeal of various products.
- **Organic & Clean Label:** Sourced from certified organic chlorella, ensuring a product free from synthetic pesticides, herbicides, and GMOs, supporting clean label initiatives.
- **Sustainable & Eco-Friendly:** Chlorella cultivation is highly sustainable, requiring minimal land and water compared to other protein sources, aligning with environmentally conscious brand values.

Application

Our **Organic Chlorella Powder** is a highly versatile ingredient for a multitude of B2B applications across the nutraceutical, food, and beverage industries:

- **Nutraceuticals & Dietary Supplements:**
 - As a key ingredient in green superfood blends, detox formulas, meal replacements, and functional food supplements for comprehensive nutrition.
 - Formulations targeting immune support, energy enhancement, and liver health.
 - Capsules and tablets (as a raw material for compression).
- **Food & Beverages:**
 - Smoothie mixes, functional beverages, and protein shakes for a natural nutrient boost and vibrant green color.

- Green energy bars, healthy snack bites, and baked goods (e.g., green pasta, bread, crackers) for nutritional fortification.
- Savory applications like sauces, dressings, and seasoning blends for added nutrition and color.
- Plant-based dairy alternatives (e.g., yogurts, milks) for nutrient enrichment.
- **Sports Nutrition:**
 - Ingredient in pre- and post-workout formulas, protein powders, and recovery drinks for nutrient replenishment and antioxidant support.
- **Pet Food & Animal Nutrition:**
 - As a natural supplement to boost pet health and provide essential vitamins and minerals in functional animal feeds.

Why Choose Our Organic Chlorella Powder for Your Business?

Partnering with us for your **Organic Chlorella Powder** needs ensures a premium, high-demand ingredient that aligns with health-conscious consumer preferences and market trends:

- **Guaranteed Organic Certification:** Our chlorella powder adheres to stringent organic standards, vital for your clean-label and premium product lines.
- **Superior Nutritional Potency:** We prioritize gentle processing methods to preserve the maximum concentration of active vitamins, minerals, chlorophyll, and CGF, delivering a high-efficacy ingredient.
- **Consistent Quality & Purity:** From cultivation to milling, we maintain strict quality control and testing protocols, providing you with a reliable, pure, and safe product batch after batch.
- **Robust & Scalable Supply Chain:** As a dedicated B2B supplier, we offer dependable sourcing and the capacity to meet your production demands, from small to bulk orders, efficiently and consistently.
- **Versatile Application:** The powder format offers exceptional flexibility for integration into a wide range of dry and liquid formulations.
- **Comprehensive Technical Support:** Our team can provide detailed data sheets, Certificates of Analysis (CoAs), and expert guidance to support your product development, labeling, and regulatory compliance needs.

FAQs

Q: What is the typical protein content of your Organic Chlorella Powder?

A: Our **Organic Chlorella Powder** typically contains **50-60% protein by dry weight**, making it an excellent source of complete plant-based protein.

Q: Is Organic Chlorella Powder considered vegan and gluten-free?

A: Yes, our **Organic Chlorella Powder** is made from 100% chlorella, making it inherently **vegan** and **gluten-free**. It contains no animal products or common allergens.

Q: How does the "broken cell wall" processing benefit Organic Chlorella Powder?

A: The cell wall of chlorella is very rigid. A method to break the cell wall (e.g., through mechanical milling or high-pressure jets) is often employed to enhance the digestibility and nutrient bioavailability of the chlorella, allowing for better absorption of its dense nutritional content by the human body.

Q: What is the shelf life and recommended storage for bulk quantities of Organic Chlorella Powder?

A: Our **Organic Chlorella Powder** typically has a shelf life of **24-36 months** from the manufacturing date when stored in a cool, dry place, away from direct sunlight and moisture, in its original sealed, airtight packaging. Specific bulk storage recommendations will be provided with your order documentation.

Q: Does your Organic Chlorella Powder undergo testing for heavy metals and contaminants?

A: Absolutely. We conduct rigorous testing for heavy metals, microbials, and other contaminants to ensure our **Organic Chlorella Powder** meets strict international food safety standards and regulations. Certificates of Analysis are available upon request.

Packing

