

## Organic Kale Powder



### What is Organic Kale Powder?

**Organic Kale Powder** is meticulously crafted from 100% pure, organically cultivated kale leaves, harvested at their nutritional peak. The leaves are thoroughly cleaned, gently dried (often via methods like air-drying or freeze-drying to preserve nutrient integrity), and then finely milled into a versatile powder. This careful processing ensures the preservation of kale's vibrant green color, mild earthy flavor, and comprehensive nutritional profile.

Kale has gained immense popularity as a superfood due to its exceptional density of vitamins, particularly **Vitamin K**, **Vitamin A** (as beta-carotene), and **Vitamin C**, along with important minerals like **Manganese** and **Copper**, and a rich array of antioxidants including quercetin and kaempferol. Our **Organic Kale Powder** provides a convenient and effective way to integrate these powerful benefits into various product applications, naturally boosting their nutritional value and market appeal.

## Specifications

**Organic Kale Powder:** A vibrant, whole-food powder packed with vitamins, minerals, and antioxidants for diverse health applications.

Attribute	Details
Latin Name	<i>Brassica oleracea var. sabellica</i>
Source	100% Organic Kale Leaves
Processing	Cultivated, harvested, cleaned, gently dried, finely milled
Appearance	Fine, dark green powder
Flavor	Mild, earthy, characteristic kale flavor
Texture	Fine, uniform powder
Moisture Content	Max 8% (ensures stability and shelf life)
Bulk Density	0.25-0.45 g/cm <sup>3</sup> (for packaging and formulation consistency)
Microbiological Purity	Meets international food safety standards (e.g., E. coli, Salmonella absent)
Heavy Metals	Low levels, compliant with international regulations
Key Nutrients	Vitamin K, Vitamin A (Beta-Carotene), Vitamin C, Manganese, Copper, Fiber, Antioxidants (Quercetin, Kaempferol).

## Key Features

- **Exceptional Nutrient Density:** Packed with abundant **Vitamin K** (crucial for bone health and blood clotting), **Vitamin A** (as Beta-Carotene, essential for vision and immune function), and **Vitamin C** (a powerful antioxidant for immune support).
- **Rich in Antioxidants:** Contains high levels of powerful antioxidants like quercetin and kaempferol, which help protect cells from oxidative stress and inflammation.
- **Good Source of Minerals:** Naturally provides important minerals such as **Manganese**, **Copper**, and **Calcium**, contributing to overall bodily functions.

- **Dietary Fiber Content:** Retains beneficial dietary fiber from the whole kale leaf, supporting healthy digestion and gut health.
- **Natural Green Colorant:** Imparts a vibrant, natural green hue, useful for enhancing the visual appeal of various products without artificial additives.
- **Organic & Clean Label:** Derived from certified organic kale, ensuring a product free from synthetic pesticides, herbicides, and GMOs, supporting clean label initiatives.
- **Versatile Functionality:** Adaptable for a wide range of B2B product developments in diverse industries.

## Applications

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

- **Nutraceuticals & Dietary Supplements:**
  - As a key ingredient in green superfood blends, multivitamin/mineral formulas, and daily wellness supplements.
  - Formulations targeting bone health, immune support, and antioxidant complexes.
  - Capsules, tablets (as raw material), and powdered functional mixes.
- **Food & Beverages:**
  - Smoothie mixes, functional beverages, and protein powders for a natural nutrient boost.
  - Green energy bars, healthy snack bites, and savory snack mixes.
  - Baked goods (e.g., crackers, bread, muffins) and pasta for nutritional fortification and natural green coloring.
  - Dressings, sauces, and soups to enhance nutrient content and color.
- **Sports Nutrition:**
  - Ingredient in recovery drinks, protein blends, and greens formulas for comprehensive 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 Kale Powder for Your Business?

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

- **Guaranteed Organic Certification:** Our kale powder adheres to stringent organic standards, vital for your clean-label and premium product lines.
- **Superior Nutrient Retention:** We employ gentle drying and milling processes that preserve the full spectrum of kale's active vitamins, minerals, and phytonutrients, 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

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### Q: What is the primary source of your Organic Kale Powder?

A: Our **Organic Kale Powder** is made from 100% certified organic kale leaves (*Brassica oleracea var. sabellica*).

### Q: Is Organic Kale Powder suitable for vegan and gluten-free products?

A: Yes, our **Organic Kale Powder** is made purely from kale leaves, making it inherently **vegan** and **gluten-free**. It contains no animal products or common allergens.

### Q: How does the flavor of Organic Kale Powder impact finished products?

A: **Organic Kale Powder** has a mild, earthy, and slightly bitter "green" flavor characteristic of kale. Its impact on the final product's taste largely depends on the inclusion rate and other flavors in the formulation. It blends well in smoothies with fruits or savory applications.

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

A: Our **Organic Kale 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 Kale Powder undergo testing for heavy metals and contaminants?**

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

**Packing**

