

Organic Spinach Powder



What is organic spinach powder?

Organic Spinach Powder is available in two professional-grade formats: **Organic Spinach Powder (Whole Leaf)** and **Organic Spinach Juice Powder (Concentrated)**. Sourced from 100% organic-certified fresh spinach leaves (*Spinacia oleracea*), these powders are the quintessential ingredients for “Greens” formulations. Known for their high concentrations of **chlorophyll, iron, lutein, and vitamins A, C, and K**, our spinach solutions provide a vibrant, clean-label way to boost the nutritional density of products ranging from sports nutrition to functional snacks.

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Why is Organic Spinach the foundation of functional “Greens”?

Spinach is one of the most bioavailable sources of plant-based minerals and phytonutrients. Our **Organic Spinach Powders** are processed using low-temperature dehydration (Air-dried or Freeze-dried) to protect the sensitive chlorophyll molecules and heat-labile vitamins. By choosing organic, you ensure the removal of synthetic pesticide residues—a critical factor for leafy greens, which have a high surface-area-to-weight ratio. Whether you are targeting eye health (via lutein) or natural energy (via iron and nitrates), our spinach powders offer a reliable, nutrient-dense foundation.

What are the technical differences between our two specifications?

We provide these distinct formats to allow for precise control over fiber content, solubility, and flavor intensity in your formulation.

Attribute	Organic Spinach Powder	Organic Spinach Juice Powder
Source	100% Organic Whole Spinach Leaves	100% Organic Spinach Leaf Juice
Processing	Dehydration & Ultra-fine Milling	Juicing, Concentration & Spray Drying

Attribute	Organic Spinach Powder	Organic Spinach Juice Powder
Solubility	Dispersible (Contains natural fiber)	Highly Soluble (Near-clear solution)
Fiber Content	High (~25% - 30% dietary fiber)	Minimal (Fiber removed during juicing)
Appearance	Deep Forest Green	Vibrant Bright Emerald Green
Flavor Profile	Earthy, Mild, Authentic vegetable taste	Concentrated, Sweet-savory, "Green" finish
Best For	Bars, Pasta, Smoothies, Capsules	RTD Beverages, Instant Shakes, Gummies

Which high-value applications benefit most from Spinach Powder?

Organic Spinach Powder is a versatile "all-rounder" for clean-label fortification:

- **"Greens" & Superfood Blends:** The standard base for daily wellness powders, providing natural color and a wide spectrum of micronutrients.
- **Functional Beverages: Organic Spinach Juice Powder** is ideal for RTD juices and sports shots, offering high nutrient density without a gritty mouthfeel.
- **Fortified Snacks & Pasta:** Adds a "Serving of Vegetables" claim to organic crackers, chips, and green pastas while providing a natural color.
- **Infant & Child Nutrition:** A gentle, easily digestible source of iron and folate for organic baby purees and "hidden veggie" toddler snacks.
- **Pet Care (Premium):** Used in organic pet treats and supplements to support coat health and antioxidant intake.

How to Use: What are the best practices for formulation?

- **Maintaining Color:** Chlorophyll is sensitive to high heat and acidic environments. To keep the vibrant green hue, avoid prolonged boiling and try to maintain a near-neutral pH in your

application.

- **Solubility Tips:** For the **Whole Leaf Powder**, high-speed blending or shear mixing is recommended to ensure even distribution and prevent settling in liquid formats.
- **Flavor Balancing:** Spinach has a very mild profile compared to kale or wheatgrass. It pairs excellently with **Organic Kiwi Powder** or **Organic Pomegranate Powder** to create a balanced sweet-tart nutritional profile.
- **Nutrient Claims:** Due to its density, even small inclusion rates (3%–5%) can allow for “Rich in Vitamin K” or “Source of Folate” claims depending on serving size.

FAQs

Q: Does your Spinach Powder contain high levels of Oxalates?

A: Spinach naturally contains oxalates. Our low-temperature processing preserves the leaf’s integrity, and we provide nutritional analysis so your R&D team can calculate oxalate levels for specific dietary formulations (like “Low-Oxalate” or “Kidney-Friendly” profiles).

Q: Is the Juice Powder 100% pure?

A: Because spinach juice is highly liquid and contains natural minerals, a small amount of **Organic Maltodextrin** (typically 5%–10%) is used as a spray-drying carrier to ensure the powder remains free-flowing and does not cake.

Q: How do you ensure the safety of leafy green powders?

A: Leafy greens are susceptible to microbial load. Our organic spinach undergoes a rigorous multi-stage washing and a proprietary **organic-compliant sterilization** (such as steam treatment) to ensure low TPC, Yeast, and Mold counts without using irradiation.

Q: Can this be used as a natural food colorant?

A: Absolutely. It is an excellent “clean-label” alternative to synthetic FD&C Green. However, keep in mind it will contribute a very mild vegetable flavor alongside the color.

Packing



For more information, please visit our website:

<https://fr.organic-way.com/des-produits/organic-spinach-powder/>