

Organic Green Tea Extract Powder



What is Organic Green Tea Extract Powder?

Organic Green Tea Extract Powder is meticulously produced from 100% pure, organically grown leaves of *Camellia sinensis*. The carefully harvested leaves undergo a precise water-based extraction process to concentrate the key bioactive compounds, particularly **polyphenols** and the highly beneficial **EGCG (Epigallocatechin Gallate)**. The extract is then purified, filtered, and gently dried into a fine, free-flowing powder. The organic certification ensures that the raw materials are cultivated without synthetic pesticides, herbicides, or genetically modified organisms, aligning with strict clean-label and natural ingredient standards.

Green tea extract is celebrated for its high concentration of catechins, with EGCG being the most prominent and potent. These compounds are powerful antioxidants that help combat oxidative stress in the body. Beyond its antioxidant prowess, green tea extract is widely recognized for its potential to support metabolic health, aid in weight management, enhance cognitive function, and promote cardiovascular well-being. Our **Organic Green Tea Extract Powder** offers a potent and standardized solution to deliver these benefits, providing excellent solubility and a neutral flavor profile that integrates seamlessly into a variety of health-focused formulations.

Specifications

Attribute	Details
Common Names	Organic Green Tea Extract, Organic Camellia Sinensis Extract
Latin Name	<i>Camellia sinensis</i> (Green Tea)
Source	100% Organic Green Tea Leaves
Extraction Solvent	Water (typically)
Extract Ratio	Customizable, e.g., 10:1, 20:1, or standardized by active compounds
Active Compounds	Total Polyphenols, Catechins, EGCG (Epigallocatechin Gallate)
Standardization	Customizable, e.g., 50-98% Total Polyphenols, 20-50% EGCG
Caffeine Content	Customizable, e.g., Low Caffeine (<1%), Standard Caffeine (2-10%), Decaffeinated options available
Appearance	Fine, light brown to yellowish-brown powder
Flavor	Mild, characteristic green tea, slightly bitter (depending on EGCG & caffeine content)
Solubility	Good, disperses well in water
Moisture Content	Max 6%
Bulk Density	0.35-0.55 g/cm ³
Microbiological Purity	Meets international food safety standards
Heavy Metals	Low levels, compliant with international regulations
Key Characteristics	Antioxidant, metabolism support, energy, cognitive function, clean label

Key Features

- **Powerful Antioxidant Source:** Rich in **polyphenols** and **EGCG**, potent antioxidants that help protect cells from oxidative damage and support overall health.
- **Metabolism & Weight Management Support:** Studies suggest it can aid in boosting metabolism and fat oxidation, making it popular in weight management formulations.
- **Natural Energy & Focus:** Provides a sustained, gentle energy boost (depending on caffeine content) and supports mental clarity and focus.
- **Heart Health Benefits:** Contributes to cardiovascular well-being by supporting healthy blood pressure and cholesterol levels.
- **Organic & Clean Label:** Certified organic and non-GMO, free from synthetic pesticides, herbicides, and artificial additives, meeting the highest standards for clean and transparent ingredients.
- **Versatile Standardization:** Available with customizable levels of total polyphenols and EGCG, allowing for precise formulation to achieve desired potency.
- **Caffeine Options:** Offered in various caffeine levels, including decaffeinated, to suit diverse product applications and consumer preferences.
- **Excellent Solubility:** Dissolves readily in water, making it suitable for a wide range of liquid and powdered products.

Applications

Our **Organic Green Tea Extract Powder** is an incredibly valuable and in-demand ingredient for a multitude of B2B applications across the nutraceutical, functional food, and beverage industries:

- **Nutraceuticals & Dietary Supplements:**
 - Energy-boosting supplements and pre-workout formulas.
 - Weight management and fat burner formulations.
 - Antioxidant and anti-aging blends.
 - Cognitive support supplements.
 - Used in capsules, tablets, or powdered mixes.
- **Functional Beverages:**
 - Functional waters, energy drinks, and ready-to-drink teas.
 - Smoothie mixes and powdered beverage blends.
- **Functional Foods & Snacks:**

- Protein bars, energy bars, and functional snack products.
- Superfood blends and health-focused cereals.
- **Cosmetics & Personal Care (Topical):**
 - Used in skincare formulations for its antioxidant and anti-inflammatory properties (note: topical application).

Why Choose Our Organic Green Tea Extract Powder for Your Business?

Partnering with us for your **Organic Green Tea Extract Powder** needs ensures a premium, scientifically relevant, and highly sought-after ingredient that aligns with major consumer trends:

- **Guaranteed Organic Certification:** Our green tea extract adheres to stringent organic standards, vital for your clean-label and premium product lines.
- **Standardized Potency:** We offer extracts standardized to key bioactive compounds (Total Polyphenols, EGCG), ensuring consistent efficacy and reliable formulation.
- **Versatile Caffeine Options:** Ability to select the ideal caffeine level, from decaffeinated to standard, expands your product development possibilities.
- **Superior Quality & Purity:** Our meticulous extraction and rigorous quality control ensure a reliable, pure, and safe product batch after batch, meeting international food safety standards.
- **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.
- **Comprehensive Technical Support:** Our team provides detailed data sheets, Certificates of Analysis (CoAs), and expert guidance to support your product development, labeling, and regulatory compliance needs.

FAQs

Q: What is EGCG, and why is it important in Green Tea Extract?

A: **EGCG** (Epigallocatechin Gallate) is the most abundant and biologically active catechin (a type of polyphenol) found in green tea. It's a powerful antioxidant responsible for many of green tea's purported health benefits, including supporting metabolism, heart health, and cellular protection.

Q: Can I get Organic Green Tea Extract Powder with specific EGCG or Polyphenol percentages?

A: Yes, we offer **Organic Green Tea Extract Powder** with customizable standardization options for both Total Polyphenols and EGCG content, allowing you to meet your precise formulation requirements.

Q: What's the typical shelf life and recommended storage for bulk quantities?

A: Our **Organic Green Tea Extract 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.

Q: Is your Organic Green Tea Extract Powder non-GMO and allergen-free?

A: Yes, as a certified organic product, our **Organic Green Tea Extract Powder** is inherently **Non-GMO**. It is also naturally free from most common allergens like gluten, dairy, soy, and nuts, making it suitable for broad application in "free-from" products.

Q: Is the caffeine content always high in green tea extract?

A: No, we offer **Organic Green Tea Extract Powder** with **various caffeine levels**, including standard, low caffeine, and **decaffeinated** options. This flexibility allows you to choose the extract that best suits your product's purpose and target audience.

Packing

