

Organic Milk Thistle Extract Powder



What is Organic Milk Thistle Extract Powder?

Organic Milk Thistle Extract Powder is meticulously produced from 100% pure, organically grown milk thistle seeds (*Silybum marianum*). The seeds undergo a precise extraction process, typically using water or food-grade solvents, to concentrate the key bioactive compounds known as **silymarin**. This flavonoid complex is then purified and gently dried into a fine, free-flowing powder, standardized to a specific percentage of silymarin (e.g., 80% silymarin) to ensure consistent potency. The organic certification guarantees that the raw materials are cultivated and processed without synthetic pesticides, herbicides, or genetically modified organisms, aligning with strict clean-label and natural ingredient standards.

We also supply **Organic Milk Thistle Powder**, which is produced by gently drying and finely milling the entire organic milk thistle seed. This whole-seed powder retains all components of the seed, including its natural fiber, beneficial oils, and the full range of naturally occurring compounds,

including silymarin (though at lower, unstandardized levels compared to the extract). This makes it ideal for applications where the whole-food approach, fiber content, and a broader spectrum of nutrients are desired.

Milk thistle, particularly its active component silymarin, is widely studied for its hepatoprotective (liver-protective) effects, strong antioxidant activity, and anti-inflammatory properties. Our **Organic Milk Thistle Powders** offer versatile ways to incorporate this esteemed herb into your product lines, appealing to consumers seeking natural support for liver detoxification, digestive health, and overall well-being.

Specifications

Attribute	Organic Milk Thistle Extract Powder	Organic Milk Thistle Powder
Latin Name	<i>Silybum marianum</i>	<i>Silybum marianum</i>
Source	100% Organic Milk Thistle Seeds	100% Organic Milk Thistle Seeds (whole)
Processing	Extraction, purification, drying (standardized for silymarin)	Gentle drying, fine milling (whole seed)
Appearance	Fine, yellowish to brownish powder	Light beige to pale brown, fine powder (may show darker specks from seed coat)
Flavor	Characteristic bitter, mild herbal	Mild, slightly nutty, characteristic bitter (less intense than extract)
Texture	Fine, uniform powder	Fine powder, slight coarseness due to fiber/hull
Key Bioactives	Standardized Silymarin (e.g., 80%)	Naturally occurring Silymarin (lower, unstandardized levels), Dietary Fiber, Fatty Acids
Moisture Content	Max 6%	Max 8%

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Solubility	Low (lipophilic nature of silymarin)	Low (due to fiber and overall composition)
Microbiological Purity	Meets international food safety standards	Meets international food safety standards
Heavy Metals	Low levels, compliant with international regulations	Low levels, compliant with international regulations
Key Characteristics	Concentrated liver support, antioxidant, anti-inflammatory	Holistic liver support, antioxidant, fiber source, whole-food approach
Dietary Suitability	Vegan, Gluten-Free, Non-GMO	Vegan, Gluten-Free, Non-GMO

Key Features

- **Powerful Liver Support:** Both forms contain **silymarin**, the active complex known for its remarkable hepatoprotective properties, supporting liver detoxification and regeneration. The extract offers a standardized, concentrated dose.
- **Strong Antioxidant Properties:** Rich in natural antioxidants, which help combat free radicals, reduce oxidative stress, and protect cells from damage.
- **Anti-Inflammatory Benefits:** Silymarin is recognized for its potential to help modulate inflammatory responses in the body.
- **Digestive Health (Whole Seed Powder):** **Organic Milk Thistle Powder** (whole seed) provides beneficial **dietary fiber**, supporting digestive regularity and gut health.
- **Organic & Clean Label:** Certified organic and non-GMO, free from synthetic pesticides, herbicides, and artificial additives, meeting consumer demands for pure, transparent ingredients.
- **Versatile Functionality:**
 - **Extract:** Ideal for high-potency supplements where specific dosage of silymarin is critical.
 - **Whole Seed Powder:** Suitable for broader functional food applications where a whole-food, fiber-inclusive approach is desired.

- **Natural & Sustainable Sourcing:** Derived from organically cultivated milk thistle, ensuring a responsible and environmentally friendly ingredient.

Applications

Our **Organic Milk Thistle Powders** are highly versatile ingredients for a multitude of B2B applications across the nutraceutical, functional food, and beverage industries:

- **Nutraceuticals & Dietary Supplements:**
 - **Organic Milk Thistle Extract Powder:** Primary ingredient in **liver health supplements**, detox formulas, antioxidant blends, and digestive aid capsules/tablets.
 - **Organic Milk Thistle Powder:** Used in broader “greens” powders, digestive blends, and whole-food nutritional supplements.
- **Functional Foods & Beverages:**
 - **Organic Milk Thistle Powder:** Incorporated into functional baked goods (e.g., crackers, breads), energy bars, and health-focused cereals for added fiber and holistic benefits.
 - **Organic Milk Thistle Extract Powder:** Can be used in functional shot drinks or targeted wellness beverages where concentration and precise dosing are required (note: solubility can be a challenge for clear beverages).
- **Animal Nutrition:**
 - Both forms can be used in pet supplements or feed formulations for liver support in animals.

Why Choose Our Organic Milk Thistle Powders?

Partnering with us for your **Organic Milk Thistle Powder** needs ensures premium quality, scientifically backed benefits, and alignment with evolving consumer preferences:

- **Guaranteed Organic Certification:** Both our extract and whole seed powder adhere to stringent organic standards, vital for your clean-label and premium product lines.
- **Targeted or Holistic Solutions:** Offering both a standardized extract and a whole seed powder allows you to choose the ideal ingredient for your specific formulation requirements, whether for high-potency silymarin or broader nutritional inclusion.
- **Scientifically Supported Benefits:** Leverage the extensive research behind milk thistle and silymarin for liver health, giving your products a strong scientific foundation.

- **Consistent Quality & Purity:** Rigorous quality control and testing protocols 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 the main difference in application between Organic Milk Thistle Extract Powder and Organic Milk Thistle Powder?

A: **Organic Milk Thistle Extract Powder** is highly concentrated and standardized for **silymarin**, making it ideal for supplements where a precise, high dose of the active compound is required for specific health claims (e.g., liver detox capsules). **Organic Milk Thistle Powder** (whole seed) offers the full spectrum of compounds from the seed, including fiber, at lower silymarin levels, making it suitable for functional foods and beverages aiming for a broader "whole-herb" or fiber-enriched benefit.

Q: Is Silymarin the only active compound in Milk Thistle?

A: While **silymarin** is the most well-known and researched active complex in milk thistle, the plant contains other beneficial compounds, including other flavonoids, fatty acids, and proteins, which contribute to its overall health benefits. The whole seed powder retains a broader spectrum of these.

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

A: Our **Organic Milk Thistle Powders** typically have a shelf life of **24 months** from the manufacturing date when stored in a cool, dry place, away from direct sunlight and moisture, in their original sealed, airtight packaging.

Q: Are your Organic Milk Thistle Powders suitable for vegan and gluten-free products?

A: Yes, both our **Organic Milk Thistle Extract Powder** and **Organic Milk Thistle Powder** are made from 100% organic milk thistle seeds, making them inherently **vegan** and **gluten-free**. They contain no animal products or common allergens.

Q: Can these powders be easily dissolved in beverages?

A: Both powders have **low solubility** due to the nature of their components (silymarin is lipophilic, and the whole powder contains fiber). They are best incorporated into opaque beverages like smoothies, protein shakes, or encapsulated in supplements, rather than clear drinks.

Packing

