

Organic Sunflower Seed Protein Powder



Price: ~~\$7.00~~ **\$6.50**

What is organic sunflower seed protein powder?

Organic Sunflower Seed Protein Powder (*Helianthus annuus*), also known as **sunflower protein isolate** or **SFPI**, is a premium plant protein derived from cold-pressed organic sunflower seeds. Utilizing enzymatic hydrolysis and ultrafiltration, this high-purity protein concentrate delivers 60% minimum protein content with a complete amino acid profile (PDCAAS 0.91). Free from top allergens and solvents, it's optimized for bioavailability and functional performance.

Specifications

Parameter	Specification
Botanical Source	<i>Helianthus annuus</i> (organic seeds)

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Synonyms	Sunflower Protein Isolate (SFPI), Sunflower Meal Protein, <i>Helianthus</i> Protein Concentrate
Protein Content	≥60% (d.b., Kjeldahl)
PDCAAS Score	0.91 (vs. pea 0.73, rice 0.47)
Solubility (pH 7.0)	≥85%
Particle Size	D90 ≤80µm (instant dispersion)
Fat/Fiber	≤6% / ≤7%
Moisture	≤5%
Key Amino Acids	Glutamic Acid (17.2%), Leucine (6.9%), Arginine (8.1%)
Heavy Metals	Pb<0.1ppm, Cd<0.05ppm
Anti-Nutrients	Chlorogenic Acid ≤0.3%

Key Features & Benefits

1. Allergen-Safe Superiority

- Top 14 Allergen-Free:** No gluten, soy, nuts, dairy (validated by ELISA testing)
- Hypoallergenic Alternative:** Ideal for allergen-sensitive populations (infants, medical nutrition)

2. Nutritional Excellence

- Complete Protein:** All 9 EAAs, high BCAA content (15%) for muscle synthesis
- Mineral Rich:** Magnesium (550mg/100g), zinc (7.5mg/100g), selenium (25µg/100g)

3. Functional Performance

- Emulsification Power:** 45–65% oil-binding vs. egg albumin (50%)
- Water Binding:** Holds 4x its weight – reduces syneresis in plant-based meats

3. **Neutral Flavor:** No “beany” aftertaste (<1.5 PV oxidation value)

4. **Clean Processing**

1. **Hexane-Free:** Enzyme-assisted extraction only
2. **Non-GMO & Organic:** USDA/EU certified from seed to powder

Applications

Sports Nutrition

- **Sunflower Protein-Enriched Shakes:** High solubility for smooth post-workout recovery beverages
- **Plant-Based Protein Bars:** Binds ingredients while adding 60% protein boost

Functional Foods

- **Meat Alternatives:** Texturizer in vegan burgers/sausages (*Helianthus* protein improves chewiness)
- **Bakery Fortification:** Boosts protein in gluten-free breads without compromising texture

Infant & Clinical Nutrition

- **Hypoallergenic Formulas:** SFPI replaces soy/dairy in allergy-management products
- **Dysphagia Foods:** Forms stable gels for IDDSI Level 4–5 purees

Beverages & Snacks

- **Ready-to-Drink Shakes:** Cold-water solubility for functional beverages
- **Extruded Snacks:** Crispness enhancer in protein puffs

Certifications & Quality Assurance

- **Organic:** USDA, EU Organic, COR
- **Non-GMO:** Non-GMO Project Verified
- **Safety:**
 - **Allergen Testing:** Gluten<5ppm, Soy<1ppm (ELISA)
 - **Heavy Metals:** ICP-MS verified (Pb/Cd/As/Hg below EU limits)
 - **Microbiology:** TPC<5,000 CFU/g, *Salmonella* absent/25g
- **Performance Validation:**

- Emulsification Capacity (AOCS Cc 16-60)
- Protein Digestibility (AOAC 991.29)
- Chlorogenic Acid Reduction (HPLC-UV)

Why Choose Us?

Supply Chain Integrity

- Traceable to EU/US organic sunflower farms
- Blockchain batch tracking (farm → extraction)

Technical Innovation

- **Proprietary Debittering:** Patented process reduces chlorogenic acid by 90%
- **Customization:** Protein content (60-80%), flavor masking, instant solubility options

Sustainability Commitment

- **Zero-Waste:** Seed hulls → animal feed; oil → food/cosmetics
- **Carbon-Neutral Production:** Solar-powered facilities

FAQs

Q: Is Organic Sunflower Seed Protein Powder a complete protein?

A: Yes, **Organic Sunflower Seed Protein Powder** contains all nine essential amino acids, making it a complete protein source necessary for human health.

Q: Is this product suitable for people with nut allergies?

A: Yes, **Organic Sunflower Seed Protein Powder** is naturally nut-free and a great alternative for individuals with nut allergies. However, if you have severe allergies, always check for cross-contamination warnings if produced in a facility that also handles nuts.

Q: What is the typical protein percentage of your Organic Sunflower Seed Protein Powder?

A: Our **Organic Sunflower Seed Protein Powder** typically contains between 50-55% protein. The exact percentage will be listed on the product packaging.

Q: How should I store Organic Sunflower Seed Protein Powder?

A: Store your **Organic Sunflower Seed Protein Powder** in a cool, dry place, away from direct sunlight and heat. Keep the package tightly sealed after each use to maintain freshness.

Q: Does it have a strong flavor?

A: No, **Organic Sunflower Seed Protein Powder** is known for its very neutral, slightly nutty flavor, which allows it to blend seamlessly into most recipes without altering their taste significantly.

Packing



Want to learn more about this product or have any questions?

[View Product Page: Organic Sunflower Seed Protein Powder](#)