



HEMPLEND (Shaanxi) Organic Agri-Tech Inc. ?

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干物质	干物质 ≥50% ()
粗纤维	粗纤维 + 木质素 ()
粗蛋白 -3:6	1:3 ()
粗脂肪 (GLA)	1.5-3%
有效成分 E	≥30mg/100g ()
筛余物	80-150μm (200μm)
水分	水分 ()
灰分	≤5%
酸度	酸度 (GRAS)
温度	25°C 24 ()

检测

- 干物质检测：将样品置于烘箱中，在 3 或 6 的条件下进行干燥，直至达到恒重。
- 粗纤维检测：按照标准方法，将样品与特定试剂反应，测定其重量损失。
- 粗蛋白检测：使用凯氏定氮法，测定样品中的氮含量，并换算为蛋白含量。
- 粗脂肪检测：使用索氏提取法，用有机溶剂提取样品中的脂肪成分。
- 有效成分 E 检测：采用高效液相色谱法 (HPLC) 进行精确测定。
- 筛余物检测：通过不同孔径的筛网对样品进行筛分，测定各粒度的重量。
- 水分检测：使用干燥器或烘箱，测定样品在特定温度下的重量变化。
- 酸度检测：通过滴定法测定样品中的总酸含量，包括 3(ALA) 和 6(LA, GLA) 等成分。

检测

Our hemp seed oil micro capsule powder is a B2B product that provides a natural source of essential fatty acids and antioxidants. It is a versatile ingredient that can be used in a variety of applications, including:

- **Functional Foods & Beverages:**
 - Fortified baked goods (breads, muffins) for Omega enrichment.
 - Energy bars, snack mixes, and breakfast cereals.
 - Powdered dairy and plant-based milk alternatives.
 - Instant beverage mixes (coffee, tea, juice blends) for a healthy fat boost.
- **Sports Nutrition:**
 - Pre- and post-workout mixes and recovery formulas for healthy fats.
 - Weight management and ketogenic diet products.
- **Pet Food & Animal Nutrition:**
 - As a stable source of essential fatty acids for pet supplements and functional animal feeds, promoting healthy skin and coat.

Why Choose Our Hemp Seed Oil Micro Capsule Powder for Your Business?

Partnering with us for your **Hemp Seed Oil Micro Capsule Powder** needs ensures you receive a cutting-edge, high-performance ingredient that addresses critical formulation challenges:

- **Advanced Stability Solution:** Overcome the inherent instability of liquid hemp seed oil, guaranteeing product integrity and preventing rancidity in your finished goods.
- **Enhanced Product Versatility:** Transform your formulations with a dry, water-dispersible oil, opening new possibilities in powdered and water-based products.
- **Neutralized Flavor & Odor:** Offer consumers the health benefits of hemp seed oil without its characteristic taste, improving product palatability and appeal.
- **Consistent Quality & Performance:** Our state-of-the-art micro-encapsulation process and rigorous quality control ensure a reliable and uniform product batch after batch.
- **Clean Label Opportunity:** Utilize a naturally derived and minimally processed ingredient to meet consumer demand for transparency.

- **Reliable B2B Supply:** We offer a robust and scalable supply chain, capable of fulfilling your volume requirements efficiently and consistently.
- **Dedicated Technical Support:** Our team provides comprehensive data sheets, Certificates of Analysis (CoAs), and expert guidance to support your R&D, formulation, and regulatory compliance.



Q: What is the typical oil content in your Hemp Seed Oil Micro-Capsule Powder?

A: We can customize the oil content based on customer needs, typically offering concentrations such as 50%, 60%, or 70% oil by weight. Please specify your requirements when inquiring.

Q: How does micro-encapsulation improve the stability of hemp seed oil?

A: Micro-encapsulation creates a physical barrier around the oil droplets, protecting them from oxygen, light, and heat. This significantly slows down the oxidation process, extending the shelf life and preserving the quality of the delicate Omega fatty acids.

Q: Is the encapsulation material considered clean label?

A: Yes, our encapsulation materials are food-grade and commonly used in the food industry, supporting clean label declarations. Specific details on the carrier ingredients are provided on the product specification sheet.

Q: What is the shelf life and recommended storage for bulk quantities?

A: Our **Hemp Seed Oil Micro-Capsule Powder** typically has a shelf life of 24 months from the manufacturing date when stored in a cool, dry place, away from direct sunlight and moisture, in its original sealed packaging. Specific bulk storage recommendations will be detailed with your order documentation.

Q: Can this powder be used in hot beverages or products requiring heating?

A: The micro-encapsulation provides significant protection against heat. While it performs well in many heated applications (e.g., instant hot beverages, baked goods), stability can vary based on specific temperature, duration, and pH. We recommend testing in your specific product matrix.





For more information, please visit our website:

<https://ko.hempland.com/products/%ed%97%b4%ed%94%84%ec%94%a8%ec%98%a4%ec%9d%bc-%eb%a7%88%ec%9d%b4%ed%81%ac%eb%a1%9c-%ec%ba%a1%ec%8a%90-%eb%b6%84%eb%a7%90/>