

China's Position and Core Advantages in the Global St. John's Wort Extract Supply Chain

The Cornerstone and Innovation Engine of the Global Supply Chain

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Foreword: China's St. John's Wort Extract: The Cornerstone and Innovation Engine of the Global Supply Chain

The Core Cornerstone of the Global Supply Chain

In the value chain of the global plant extract industry, China's St. John's Wort extract has established its unshakable core position, serving as the world's largest raw material supply and production center.

The Innovation Engine Driving Industrial Upgrading

Through continuous technological upgrading and full industry chain integration capabilities, China is driving the global St. John's Wort industry towards higher standards and higher value.



PART 01 • St. John's Wort Extract

Controlling the Global Raw Material Lifeline and Laying the Foundation for Industrial Leadership

Relying on unique geographical advantages and large-scale planting technology, we have built end-to-end industrial chain control from source to terminal, establishing an unshakable industrial position.

Scale Monopoly Advantage: Supplying Over 70% of Global Output

Global Supply Dominance

China's annual output of St. John's Wort Extract accounts for more than 70% of the global total supply, giving it absolute market power.

Concentration of Core Production Areas

Mainly distributed in high-altitude areas such as Shaanxi, Gansu, Sichuan, and Yunnan, with unique natural conditions.

Large-scale Base

The planting area in Shaanxi Province alone exceeds 300,000 mu, forming the world's largest raw material production base.

Global St. John's Wort Output Distribution





“Dao-di” and Quality Potential: Natural Advantages and Standardized Planting



Natural Quality Advantage

Unique geographical and climatic conditions give Chinese-produced St. John's Wort Extract a natural advantage in the content of key active ingredients such as hypericin and hyperforin.



Standardized Planting (GAP)

By promoting GAP (Good Agricultural Practice), leading enterprises can stably control the content of key ingredients to a high-quality standard of more than 0.3%.

Upstream Industry Chain Control: Complete System and Cost Advantage

Complete Upstream System

Established a full system from germplasm resource breeding, large-scale planting to standardized harvesting and processing.

Significant Cost Advantage

Scale effect reduces raw material cost by about 25-40% compared with European producing areas.

Hypericum Perforatum Raw Material Cost Index



Full Industrial Chain Control Points

- Germplasm Breeding
- Large-scale Planting
- Standardized Processing

CHAPTER 02

II. Manufacturing Hub: The Core of Global Production Capacity

Double Barriers of Efficiency and Scale



Absolute Production Capacity Share: Undertaking 80% of Global Processing Capacity

Global Processing Center

China undertakes about 80% of the global St. John's Wort extract processing capacity.

Huge Processing Capacity

Annual capacity to process hay raw materials exceeds 100,000 tons.

Industrial Cluster Effect

Multiple modern industrial clusters have been formed in Shaanxi, Hunan and other places.

Global St. John's Wort Extract Processing Capacity Distribution





Technological Upgrading and Process Leadership: Application of Green and Efficient Technologies



Popularization of Green Technologies

Green and efficient technologies such as supercritical CO_2 extraction, membrane separation, and low-temperature continuous countercurrent extraction are widely adopted.

High Extraction Efficiency

The production process of leading enterprises can increase the extraction efficiency of St. John's Wort Extract by more than**30%**, and the recovery rate of active ingredients is stably above**92%**.

International Standard Certification

Product indicators such as pesticide residues and heavy metals meet the highest international pharmacopoeia standards such as USP and EP.

Supply Chain Resilience Advantage: Efficient Logistics and International Certification

Efficient Logistics Network

Complete domestic logistics and port facilities ensure the rapid flow from production areas to global ports.

International Authoritative Certification

Leading enterprises generally obtain international certifications such as GMP, FSSC22000, and ISO22000.

Full Traceability

A full traceability system from raw materials to finished products has been established to meet the stringent requirements of high-end customers.



PART 03

III. Market Engine: Demand Resonance and Value Ascension

Driving the Evolution of the Global Industry



Global Export Hub: Annual Growth Rate of Over 15%, Continuous Value Ascension

Rapid Export Growth

The annual growth rate of export volume has remained above 15%, showing a strong market expansion momentum.

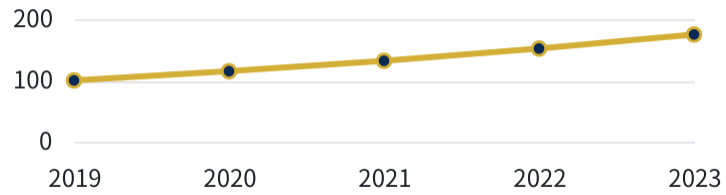
Mainly for High-end Markets

Products are mainly sold to high-end markets such as the EU, North America, and Asia-Pacific, with high brand recognition.

Product Value Enhancement

The export share of high-standard extracts has increased from less than 30% to more than 50%, moving towards high-quality development.

Growth Trend of China's St. John's Wort Extract Export Volume (2019-2023)



Global Trade Network Layout



Covering major global economies, building an efficient supply chain system

Domestic Demand Market Explosive Growth: The Booming Development of the "Great Health" Industry



Rapid Market Rise

With the vigorous development of the domestic "Great Health" industry, China has become one of the fastest-growing consumer markets in the world.

Demand-Driven Upgrading

The rise of herbal dietary supplements and functional foods has not only absorbed incremental production capacity, but also forced domestic enterprises to accelerate product innovation and quality upgrading.

Application Innovation Source: Extension from Supplements to Multiple Fields



Expansion of Functional Skincare

Break through the boundaries of traditional dietary supplements, leverage St. John's Wort Extract technology to develop high-performance skincare products, meeting consumers' deep demand for healthy skin.



Innovation in Animal Health

Apply biotechnology in animal health, develop green and efficient animal health products to support the healthy development and industrial upgrading of aquaculture.

IV. Future Outlook: Strategic Transition from "Global Factory" to "Value Center"

STRATEGIC TRANSITION FROM GLOBAL FACTORY TO VALUE CENTER



Technological High-end Breakthrough: High-purity Monomers and Stability Improvement



High-purity Technology Research

Leading enterprises are focusing on the separation and purification technology of high-purity St. John's Wort Extract monomers (purity >98%) to meet the needs of cutting-edge fields such as pharmaceutical research and development.

Stability Technology Innovation

Solving the stability problem of active ingredients through technologies such as microencapsulation to improve the efficacy of terminal products.

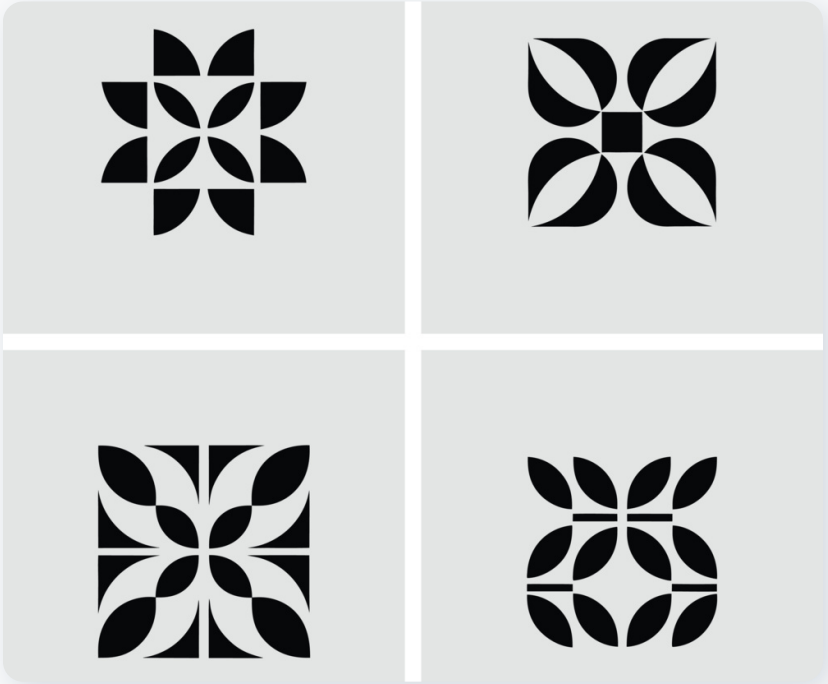
Standard and Brand Building: From Following to Leading

Participation in Standard Setting

Chinese enterprises are shifting from passively accepting international standards for St. John's Wort Extract to actively participating in and even leading the formulation of relevant standards.

Building Independent Brands

A number of brands with independent intellectual property rights and focusing on clinical data verification are emerging, committed to establishing a "high-quality and reliable" brand image of Chinese St. John's Wort Extract.



Full Value Chain Integration: Controlling Core Links and Achieving Sustainable Advantages

GAP Sourcing & Planting

Establish standardized planting bases to ensure raw material quality and safety from the source.

Intelligent Manufacturing

Introduce automated and digital production lines to improve efficiency, reduce costs, and ensure delivery.

International R&D Innovation

Integrate global R&D resources to focus on core technological breakthroughs and build competitive barriers.

Brand Marketing

Build a premium brand image, enhance brand value, and establish user loyalty.

Strategic Goal: Transforming Scale Advantages into Sustainable Competitiveness

By controlling core value chain links, transform scale advantages into sustainable brand premium and technological leadership, achieving the leap from "Made in China" to "Created in China".

Conclusion

Control Resource Lifeline and Manufacturing Core

China has grown from an initial "resource exporter" to a global dominant force controlling the lifeline of resources, manufacturing core and market momentum in the global St. John's Wort Extract supply chain. With unparalleled scale advantages and continuously evolving process technology, we have consolidated the cornerstone position of the global supply chain.

Drive Industry Innovation and Value Enhancement

A booming domestic demand market provides strong momentum for the industry, making China a key engine driving future innovation and value enhancement. Choosing the Chinese supply chain means choosing a stable, efficient and future-oriented growth partner.

Thank You!

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