



Mycelium - Hericium Erinaceus Mycelium (mushroom) aka Lion's Mane.

Mycelium refers to the particular fruit body of the mushroom we utilize in order to design specific function strains of Lion's Mane mushrooms. Lion's Mane is a rich source of polysaccharides, proteins, and cellulase which enhance, support, and strengthen immune function. Multiple physiologic functional compounds have been detected, isolated, and refined.

History of use

Mushroom technology has been cultivated and perfected in China for more than **2,500 years**. Chinese doctors use various mushrooms in the treatment of many diseases. The use of mushrooms as an agent of health has a long history due to the effectiveness of mushrooms in supporting wellness because of the complete nutritional makeup of the mushrooms.

The XinHua distinction

We use Hericium Erinaceus Mycelium, a stingless mushroom from the primeval forest in the mountains of central China. The fruit body contains rich, edible components. More than 30 years of research has been invested to develop and perfect our revolutionary, patent-pending process to produce our Lion's Mane mushroom.

Hericium Erinaceus Mycelium superiority

Scientists discovered a unique polysaccharide called *BRM (biological response modifier)*, which has what is best described as "magical" functions. Hericium Erinaceus Mycelium is the best source for BRM. The 21st century is recognized as the century of mushroom polysaccharide in Chinese medicine.

Directional Culturing

Feeding the mushroom with specific nutrients to produce a specific nutritional output.

Bi-Directional Transformation

Allows the Lion's Mane to maintain its naturally occurring nutritional make-up while also absorbing the nutritional benefit of additional Chinese herbs thereby enhancing the health benefit.

Due to the adjustable combination of different nutrient substrates and functional substrates, different bio-active compounds can be obtained by inoculating different mushroom strains, which will induce unique bio-active components and bio-transforming with the technology.





Proprietary patent-pending process

We have developed a proprietary patent-pending process that infuses organically-derived nutritional bio-active compounds with organic bio-active compounds from other Chinese medicinal herbs to create a unique wholefood raw material that we use in our dietary supplements.

Step 1 - Infuse with nutrient substrate

We select nutrient dense organic material to supply the core nutrients required to grow the Lion's Mane.

Examples of nutrient substrate material



麦麸
wheat bran



玉米粉
corn flour



谷糠
millet caving

Step 2 - Infuse with functional substrate

We carefully select Chinese herbs with a long and documented history of use in Chinese medicine to determine the specific bio-active function.

Examples of functional substrate material



黑木耳
auricularia auricula



葛根
kudzu



山楂
hawthorn

Step 3 - Place the Zaipei strain

We *meticulously* place the Zaipei strain by hand into the patent-pending container with the nutrient and functional substrate

Process conducted in a clean room



质理量管
quality control



接种
hand placing



接受监管
follow FDA GMPs

Step 4 - Culturing the mycelium

Each strain is cultured in a climate-controlled environment for nearly 40 days, allowing the strain to consume all the nutrient and functional substrate, and organic bio-active compounds.

As the mushroom grows, it consumes all the substrate filling the entire container



菌丝体培养
mycelium culturing



培养
culturing



培栽种
cultivars

Step 5 - Harvesting the Lion's Mane

It then goes through an extensive extraction process, and is freeze-dried to protect the active cultures, enzymes, and other nutrients. Finally, it is encapsulated for delivery to you.

Our in-house extraction and freeze-drying process ensures maximum efficacy



低温提取
extraction



冷冻干燥
freeze drying



产品
finished material



PROCESS

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