



ManeFocus™: A New Standard in Lion's Mane Ingredient Science

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Opportunity

In recent decades, *H. erinaceus* has gained significant global attention for its potential to enhance cognitive performance and emotional resilience. However, despite widespread enthusiasm, the commercial marketplace for Lion's Mane ingredients remains highly variable in quality and potency. Many commercially available powders are poorly standardized, containing unquantified levels of active terpenes or consisting largely of grain substrates with minimal fungal biomass.

ManeFocus™ represents a significant advancement in the standardization, potency, and clinical alignment of Lion's Mane ingredients. Developed by Monterey Nutra, this ingredient combines proprietary strains of *Hericium* species with advanced cultivation and testing methods to deliver unprecedented levels of bioactive terpenes—including erinacines, hericenones, and hericenones.

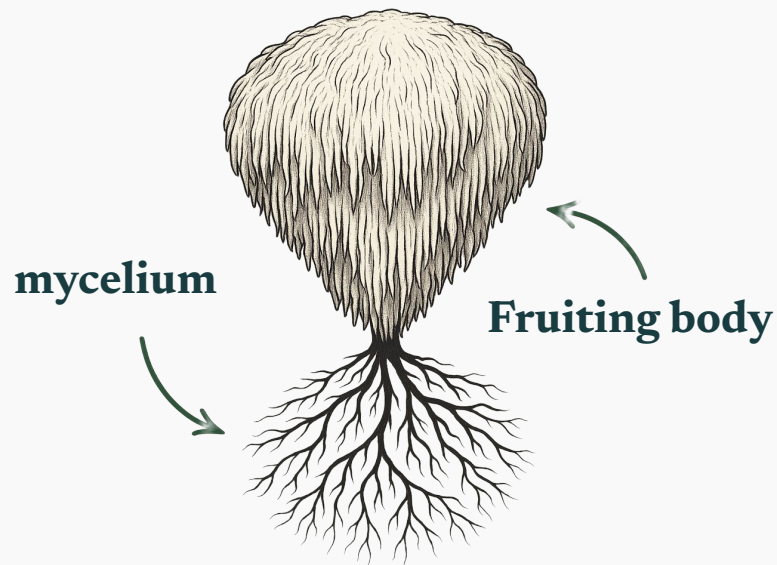


Solution

Lion's Mane mushrooms contain two powerful sources of neuroactive compounds: the **mycelium**, rich in erinacines that cross the blood–brain barrier to stimulate nerve growth factor (NGF) and brain-derived neurotrophic factor (BDNF), and the **fruiting body**, which contains hericenones and hericenones that promote complementary pathways for neuronal growth and protection.

Most commercial Lion's Mane products use only one component—either mycelium or fruiting body—limiting their range of active compounds.

ManeFocus™ overcomes this limitation by cultivating each component under optimized conditions to preserve its distinct chemistry, then combining them into a single standardized ingredient. Our proprietary process unites high-terpene fruiting bodies grown on hardwood with erinacine-rich fermented mycelium, creating a full-spectrum extract with exceptional neurological and metabolic benefits.



ManeFocus™ is further enhanced by our proprietary dual-extraction processes.

Step 1

Hot water step to extract beta glucans and all other water soluble compounds

Step 2

Fermentation step to extract all fat soluble compounds like erinacines, hericenones, and hericenones

Step 3

Controlled dehydration to maximize the retention of all compounds of interest

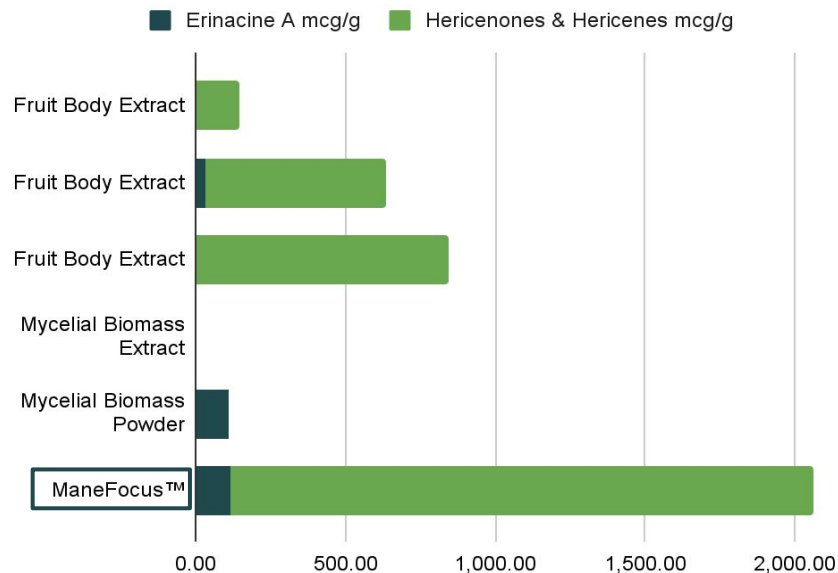


Unprecedented Results

By combining high-terpene, wood-grown fruiting bodies with optimized, erinacine-rich mycelium, ManeFocus™ achieves an exceptionally broad and potent metabolite profile. The total quantified content of erinacines, hericenones, and hericenones exceeds **2,000 mcg/g**, verified by third-party analytical testing.

The following chart represents the metabolite profile of several prominent brands of lion's mane powders compared to ManeFocus™.

ManeFocus™ Vs Popular Competitor Lion's Mane Products



Results are shown in mcg/g and tested via Twin Arbor Labs



Thank you