

# Perfect Moisture

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# Silver Ear Fungus



*Tremella fuciformis* is a jelly fungus in the family Tremellaceae. A parasitic yeast, *T. fuciformis* requires a host before it can produce the fruiting body by which it is recognizable. As well as a popular culinary mushroom within oriental cooking, *T. fuciformis* has also enjoyed a long history of medicinal use being employed in the treatment of clearing heat and dryness, nourishing the brain, and enhancing beauty.

# Silver Ear Fungus



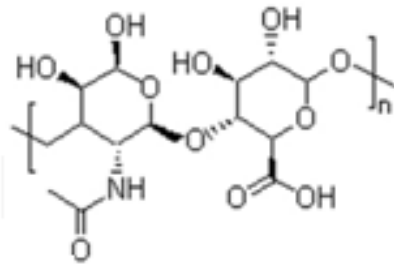
Since the 1940s, scientists in China have produced over 40 patents in regard to the anti-aging characteristics of *T. fuciformis*. Actions include; moisture retention, skin protection, improving the flexibility of cells, anti-allergic and anti-inflammatory properties, and preventing senile degradation of microvessels. The primary bioactive components are polysaccharides, and research has shown that all polysaccharide fractions of the fruiting body display the ability to induce human monocytes to produce interleukins (IL-1 and IL-6) and TNF *in vitro*.

# Shiitake



Oak mushroom or shiitake is the second most widely grown and consumed mushroom globally, second only to the button mushroom. Although called the oak mushroom in English, it is more widely known by its Japanese name, shiitake, which is derived from the tree it is associated with, the *Shii* tree (*Castanopsis cuspidate*) and the Japanese word for mushroom– *take*. As a food and medicine, it has been renowned in Japan, China, and Korea for thousands of years.

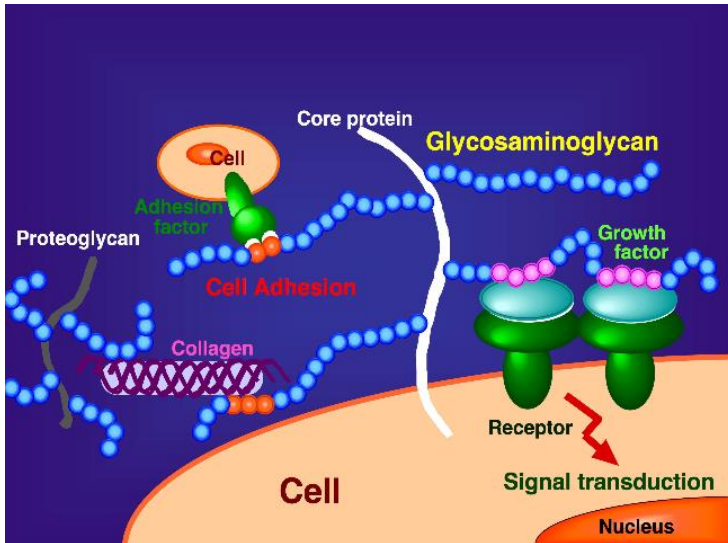
# Glycacid ECO



Glycacid ECO is an unpreserved vegetable natural raw material that contains pure Hydrolyzed Glycosaminoglycans (GAGs), which is produced from white plant mushrooms and shiitake mushrooms.

Glycacid ECO is an ultra-low molecular HA oligomers of 200 ~ 600 Dalton, which transfers moisture to the epidermis under the stratum corneum and increases the water retention in the stratum corneum and the epidermal layer (transdermal penetration).

# Glycosaminoglycans(GAGs)



## Functions of GAGs on the cell surface and in the extracellular matrix

: GAGs are distributed as side chains of proteoglycans at the cell surface or in the extracellular matrix of animal tissues. They play important roles in biological processes such as growth factor signaling, cell adhesion, and interactions with extracellular matrix components

- GAGs are the main components that make up the extracellular matrix, and are mucopolysaccharides distributed throughout cartilage and the body, which attach to water-soluble components and contribute to salt and water balance.
- GAGs are found in the fibrous matrix of fibrous matrix that are closely attached to cells and have no space to move freely.
- In studies on human skin, GAGs decreased with age, and supplementation of GAGs was reported to prevent and prevent them.

# Product Information



- ❖ **Product Name:** Perfect Moisture, Perfect Moisture(PD)-RSPO
- ❖ **INCI Name:** Hydrolyzed Glycosaminoglycans (and) Glycerin (and) Tremella Fuciformis (Mushroom) Extract (and) Corthellus Shiitake (Mushroom) Extract
- ❖ **Dosage:** 1 – 3%
- ❖ **Formulation:** Add to the formulation when the temperature is lower than 55°C. Recommended to add after the cooling process.
- ❖ **Storage:** Avoid direct light or UV.  
Keep it in a dry area at room temperature.

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