



Manufacturers of
Hypo-allergenic
Nutritional
Supplements



Myco-AHCC®

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What Is It?

A.H.C.C.®, or active hexose correlated compound, supports natural defenses and may also maintain healthy cellular signaling and cell function. It is an extract obtained from a hybridized mushroom used traditionally in Japan. The main constituents are the low molecular weight, highly absorbable, partially acetylated α - and β -glucan oligosaccharides along with hemicellulose, glycoproteins and amino acids. The oligosaccharides in mushrooms are believed to directly support several types of immune cells and to protect healthy tissue. It is estimated that more than 700 hospitals and clinics in Japan recommend AHCC as part of an immune support program. In the U.S., both Yale and Harvard Universities, among others, have expressed interest in furthering AHCC research.*

Uses For Myco-AHCC®

Immune Defense: AHCC acts as an immune-modulator, enhancing natural killer (NK) cell activity and macrophages, which play an important role in detecting and destroying foreign invaders. Human studies have indicated statistically significant enhanced NK activity from AHCC supplementation, thereby supporting the earliest stages of the innate, nonspecific immune response. In one study, AHCC promoted NK cell activity, nitric oxide (NO) production and cytotoxicity of macrophages. Another study, involving 38 people supplementing with AHCC for 6 months, indicates that AHCC modulates NK cell activity and cytokine production. Several preclinical investigations and a human case study have indicated that AHCC® also maintains healthy T lymphocyte function. Mechanistic studies show that it supports the production of interleukins and interferon-gamma, a cytokine that promotes T-lymphocyte activity. It may also promote the function of dendritic cells, macrophages and neutrophils. Research suggests that it may moderate neutrophils in peripheral blood as well as mRNA

expression of immunity factors. Therefore, AHCC® supports multiple events in both innate and adaptive immunity. *Cordyceps sinensis*, a mushroom that supports healthy T-lymphocyte activity, provides complementary support for the body's natural defenses.*

Cellular Health: A prospective cohort trial including 269 individuals suggests that AHCC supplementation helps support immune health at the cellular level as well as liver health, via moderating serum aspartate transaminase and γ -glutamyltransferase activity. In addition, three human case studies have indicated that AHCC may boost immune support for the liver. Liver support was also revealed in a study where AHCC helped to support healthy cytochrome P450 function and the activity of the detoxification enzymes glutathione S-transferase and uridine phosphate glucuronyl transferase. Furthermore, data indicates that AHCC may help protect cells, including blood and bone marrow cells, and DNA in the thymus.*

What Is The Source?

AHCC® is an enzyme-fermented extract of mycelia from Basidiomycetes mushroom species. It is provided in a proprietary blend with candelilla wax derived from *Euphorbia cerifera* leaf, cyclodextrin derived from corn and microcrystalline cellulose derived from pine. *Cordyceps sinensis* is derived from the mycelia and certified organic. Ascorbyl palmitate is derived from corn dextrose fermentation and palm oil. Hypo-allergenic plant fiber is derived from pine cellulose.

AHCC® is a registered trademark of Amino Up Chemical Company, Ltd. of Sapporo, Japan.

Recommendations

Pure Encapsulations recommends 1-6 capsules per day, in divided doses, with or between meals.

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*These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

For educational purposes only. Consult your physician for any health problems.

Are There Any Potential Side Effects Or Precautions?

If pregnant or lactating, consult your physician before taking this product. At this time, there are no known side effects or precautions. Consult your physician for more information.

Are There Any Potential Drug Interactions?

At this time, there are no known adverse reactions when taken in conjunction with medications. Consult your physician for more information.



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490 Boston Post Road, Sudbury, MA 01776 USA
P: 800-753-2277 • F: 888-783-2277 www.PureCaps.com • csservice@purecaps.com