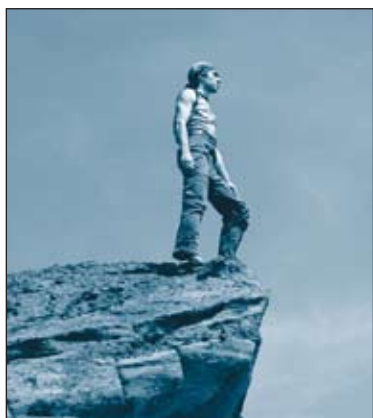


# AHCC® AND AHCC® PLUS

## Potent Immune System Support



The immune system is an extraordinary biochemical network, which has evolved complex interactions with the plant world. Mushrooms have been valued for decades by progressive medical practitioners as immunopotentiators. Only recently, however, has science identified specific mushroom compounds that augment natural defenses.

Now Source Naturals offers you two scientifically advanced mushroom supplements. AHCC® is a proprietary mushroom compound, thoroughly researched for its immune enhancement properties. AHCC® PLUS combines this compound with three powerful cellular defense nutrients—selenium, tocotrienols and gamma vitamin E.

AHCC may significantly increase natural killer (NK) cell, macrophage and cytokine activity. It may also support healthy liver function, and act as an antioxidant.

Some scientific evidence suggests consumption of selenium and antioxidant vitamins may reduce the risk of certain forms of cancer. However, the FDA has determined that this evidence is limited and not conclusive.

Source Naturals offers you the science of AHCC as part of our commitment to offering you the latest emerging wellness strategies.

Source Naturals AHCC is one of the most powerful ways to address Immunity, a key SystemiCare™ deep metabolic system that is crucial for optimal health.



Strategies for Wellness<sup>SM</sup>

## AHCC®: A Unique Compound

AHCC (active hexose correlated compound) is a rich source of polysaccharides (beta glucan 1,3 and activated hemicellulose) and glycoproteins, plus amino acids and minerals. It is produced by enzymatic modification of several mushrooms, including shiitake, and derived from organically cultivated mushroom mycelia (the rich pre-mushroom stage, a network of fibrous filaments plus the medium it lives on and uses for fuel). Its low molecular weight makes AHCC easier to absorb.

AHCC has been well-researched in Japan, where hundreds of hospitals and clinics recommend it for immune maintenance, and its sales exceed \$200 million dollars per year.

## Natural Killer Cell, Macrophage and Cytokine Activity

Your trillions of cells are susceptible to free radicals and toxins, so a healthy immune system uses its first line of defense—natural killer (NK) cells—to identify and destroy threatening particles. The effectiveness of NK cells depends on their activity level, so boosting NK activity is a smart strategy for maintaining vibrant health. AHCC may significantly increase NK and macrophage activity, according to human and animal studies. Macrophages are white blood cells that support immunity.

Studies show AHCC also enhances production of cytokines, including interferons and interleukins. These chemical messengers trigger white blood cell production. In one recent study, AHCC was shown to support normal levels of two cytokines, as well as NK activity. It is rare for a natural compound to have such profound impact on immune response.

## AHCC® Plus: Advanced Antioxidant Protection

AHCC PLUS augments the amazing immuno-support of AHCC with three powerful antioxidant nutrients. Selenium is an essential trace element, necessary for the functioning of the SOD enzyme and the glutathione peroxidase enzyme, an effective scavenger of hydrogen peroxide. Gamma E is a superior vitamin E, with stronger antioxidative activity than the alpha tocopherol form in-vitro. Research has shown that gamma-tocopherol inhibits lipid peroxidative damage more efficiently than does alpha-tocopherol. Tocotrienols, a sub-family of vitamin E, have been widely researched for supporting healthy liver and breast cells.

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## Scientific Nutrition: Cornerstone of the Wellness Revolution

Source Naturals AHCC and AHCC PLUS feature the original proprietary compound that is attracting worldwide attention. Source Naturals® offers you AHCC in a variety of potencies and forms, including powder, capsules and vegetarian capsules. With no adverse side effects reported in dozens of studies, AHCC should be a central component of your immune enhancement regimen. Source Naturals is pleased to partner with your health food store and other outlets in offering cutting-edge supplements to help you take personal charge of your health.

## References

Uno, K. et al. *Biother* 2000 14(3) 303-309.  
Matsui, Y. et al. *J Hepatol* 37 (2002) 78-86.



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The above information has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

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