

# A.H.C.C.<sup>®</sup> Plus

A Combination of Active Hexose Correlated Compound and Arabinogalactan

## DESCRIPTION

A.H.C.C.<sup>®</sup> Plus, provided by Douglas Laboratories<sup>®</sup>, supplies a synergistic immuno-supportive combination of A.H.C.C. (active hexose correlated compound) and arabinogalactan in vegetarian capsules.

## FUNCTIONS

Mushrooms have always been an important part of Asian medicine and are known to contain numerous substances that help to support the immune system. A.H.C.C.<sup>®</sup> (active hexose correlated compound) is a unique mushroom-derived extract designed to provide support to the entire immune system. Derived from a patented cultivation, enzymatic decomposition and freeze drying process of several kinds of Basidiomycetes mushrooms, the active compound in A.H.C.C. is thought to be an  $\alpha$ -1,4 linked glucose oligosaccharide with a molecular weight less than 5,000 daltons. This oligosaccharide cannot be found in typical mushroom preparations. Beta-glucans, amino acids and minerals present in A.H.C.C. may also play an important role in its immune supportive properties. Scientific studies using A.H.C.C. in animals and humans suggest that it has potent immunomodulating activity. Scientific research indicates that A.H.C.C. may play an important role in supporting the body's natural defense mechanisms. During certain therapies, gastrointestinal function, skin and hair health as well as general well-being can be adversely affected. Studies in Japan using A.H.C.C. have shown it to positively affect the functioning of the body and to improve overall well-being. Studies have also demonstrated its important roles in helping support overall immune function, including during times of oxidative stress. Arabinogalactan, a derivative of the Western Larch tree (*Larix occidentalis*) and the Eastern Larch tree (*Larix laricina*) is a polysaccharide composed of galactose and arabinose units. Arabinogalactan is added in this formula for the supportive role it plays in immune health.

## INDICATIONS

A.H.C.C.<sup>®</sup> Plus may be a useful dietary supplement for individuals wishing to support their body's immune function.

## FORMULA (#99275)

### 2 Vegetarian Capsules Contain:

A.H.C.C. <sup>®</sup> Proprietary Blend .....	1,000 mg
(Active Hexose Correlated Compound)	
Mushroom mycelia extract, candelilla wax, cyclodextrin, microcrystalline cellulose	
Arabinogalactan .....	100 mg

A.H.C.C. is a registered trademark of Amino Up Chemical Company, Ltd. of Sapporo, Japan.

## SUGGESTED USE

Adults take 2 – 6 capsules daily or as directed by physician.

## SIDE EFFECTS

No adverse side effects reported.

## HOW SUPPLIED

Supplied in bottles of 60 capsules.

## STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

## REFERENCES

- Edman J and Pescatore F. Influences of AHCC, a Combination Mushroom Extract, on Patients With Hepatitis. *Anti-Aging Medical News* 2000;11-12,14.
- Matsui Y, Uhara J, Sato S, Kaibori M, Yamada H, Kitade H, Imamura A, Takai S, Kawaguchi Y, Kwon AH and Kamiyama Y. Improved prognosis of postoperative hepatocellular carcinoma patients when treated with functional foods: a prospective cohort study. *Journal of Hepatology* 2002;37:78-86.
- Matsushita K, Kuramitsu Y, Ohno Y, Obara M, Kobayashi M, Li YQ and Hosokawa M. Combination Therapy of Active Hexose Correlated Compound Plus UFT Significantly Reduces the Metastasis of Rat Mammary Adenocarcinoma. *Anti-Cancer Drugs* 1998;9:343-350.
- Uno K, Kosuna K, Sun B, Fujii H, Wakame K, Chikumar S, Hosokawa G and Ueda Y. Active Hexose Correlated Compound (AHCC) Improves Immunological Parameters and Performance Status of Patients With Solid Tumors. *Biotherapy* 2000;14(3):303-309.
- Wang S, Ichimara K and Wakame K. Preventive Effects of Active Hexose Correlated Compound (AHCC) on Oxidative Stress Induced by Ferric Nitrilotriacetate in the Rat. *Dokkyo Journal of Medical Sciences* 2001;28(2-3):745-752.

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**These statements have 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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