

# PREMIER RESEARCH LABS

## ALLICIDIN®

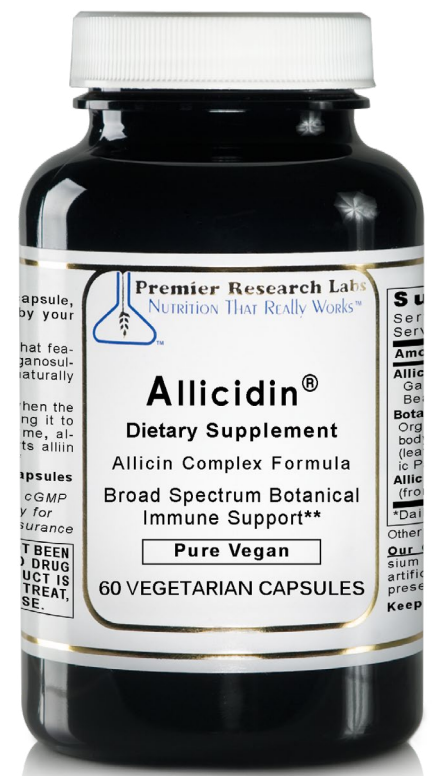


## ALLICIDIN®

### WHAT IS YOUR TOP IMMUNE SUPPORT PRODUCT FOR YOUR CLIENTS?

Many practitioners turn to Allacidin® for their most important client needs. This product offers a broad-spectrum formula that showcases a premier quality garlic extract with a high, concentrated allicin content. This formula elegantly supports both immune and cardiovascular health. It is known for its Allicin Organosulfur Complex™ which yields the unique nutrient, allicin, a legendary organosulfur immune compound found in garlic - in a concentrated form. Allicin is activated in garlic when the fresh bulb is pressed, causing it to release the catalyzing enzyme, alliinase, which quickly converts alliin to the immune-active compound, allicin.

This formula also delivers European wild garlic, called Bear Garlic, the original non-hybrid garlic (not kitchen garlic) used for thousands of years. The third complex, Botani-Pro Blend™, contains a full spectrum of botanical agents and their naturally occurring phytonutrients to create an optimal nutritional effect.



These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure or prevent any disease.



## ALLICIN - THE ACTIVE FACTOR IN GARLIC

Concentrated alliin is the result of a process which produces living-source alliin from pure garlic extract - for the first time in recent history. Alliin is *not garlic* - but the fully potent, active factor in garlic in concentrated form, never before available in supplement form until recently.

When raw garlic cloves are crushed, chopped, or chewed, an enzyme known as alliinase is released. Alliinase catalyzes the formation of sulfenic acids from cysteine sulfoxides. Sulfenic acids spontaneously react with each other to form unstable compounds called thiosulfonates. In the case of alliin, the resulting sulfenic acids react with each other to form a thiosulfonate known as alliin. This is what gives garlic extract with its **high alliin content its broad spectrum immune support and immunomodulating properties**. Thus, garlic with a high alliin content is known to be a highly significant immune support agent.

## GARLIC'S PROPERTIES REDISCOVERED

Garlic may well be one of the most famous of all plants in human history, revered for its wide-ranging health benefits - dating back to use by the pharaohs and many other ancient cultures such as the ancient Greeks, Romans, Egyptians, Babylonians and Chinese civilizations.

Presently, garlic is one of the cornerstones of the popular, heart-healthy Mediterranean diet, perhaps one of the world's healthiest diets, that is high in fruits, vegetables, whole grains and legumes. Garlic may be one of the components of this diet that is chiefly responsible for the relatively good cardiovascular health of many individuals living in the Mediterranean area.

The beneficial effects of garlic may be due in part to garlic's unusual concentration of sulfur-containing compounds (1-3%). For over a century, some of garlic's key sulfur compounds called allyl sulfides have been known. However, not until 1944 was the chief, highly immune-active compound

of garlic discovered - the oxygenated sulfur compound named alliin, derived from the Latin name of the plant, *Allium sativum*.

The debate about whether alliin existed in a crushed garlic clove vs. its absence in whole, uncrushed cloves was resolved in 1947, when researchers (Stoll and Seebeck) found high amounts of an oxygenated sulfur amino acid present in raw garlic cloves. Alliin was found to be the precursor that is converted to alliin by the action of an enzyme called alliinase, also present in garlic cloves.

Although alliin has no antimicrobial properties itself, when a typical garlic clove is crushed, the alliin is transformed via the alliinase enzymes into the biologically active alliin molecule - within seconds of crushing a clove. Fascinating cross-section studies show that the substrate, alliin, and the enzyme, alliinase, are located in different compartments of the same clove. When the clove is crushed, the alliin and alliinase then come in direct contact with each other to rapidly form alliin.

## CONCENTRATED ALLICIN - EXQUISITE IMMUNE SUPPORT

Alliicin® provides **concentrated amounts of alliin from garlic extract to help promote healthy immune support**. At last, a full spectrum, botanical formula made from premier quality garlic extract with notable amounts of alliin to assist you and your family with exquisitely thorough immune and cardiovascular support -- *just when you need it*.

## YOUR NEXT STEP INTO... THE BEST OF 21ST CENTURY IMMUNE SUPPORT

### INGREDIENTS

Each Vegetarian Capsule Provides:

**Alliin OrganoSulfur Complex™** . . . . . 350 mg  
Garlic (bulb) Extract (*Allium sativum*), Bear Garlic (leaf) (*Allium ursinum*)

**Botani-Pro Blend™** . . . . . 120 mg  
Organic Turkey Tails (mycelia, fruiting body, spore) (*Coriolus versicolor*), Hyssop (leaf, stem) (*Hyssopus officinalis*), Organic Parsley (leaf) (*Petroselinum crispum*)

**Alliin** . . . . . 1,890 mcg  
(from Alliin OrganoSulfur Complex™)

Other Ingredients: Vegetable Cellulose Capsule

**Suggested Use.** Take 1 capsule, 2 times daily or as directed by a health professional.

Code: 2591 (60 vegetarian caps/bottle)

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