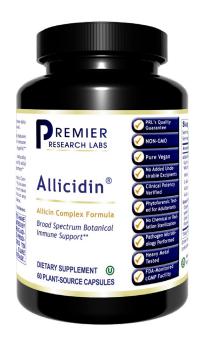
# **ALLICIDIN**®

### Allicin Complex Formula

Broad Spectrum Botanical Immune Support\*



- ✓ Exquisite Immune Support\*
- ✓ Promotes Cardiovascular Health\*
- ✓ Pure Vegan
- ✓ Yields Natural Allicin
- ✓ Features Bear Garlic



### ALLICIN – THE ACTIVE FACTOR IN GARLIC

Concentrated allicin is the result of a process which produces living-source allicin from pure garlic extract – for the first time in recent history. Allicin 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 thiosulfinates. In the case of alliin, the resulting sulfenic acids react with each other to form a thiosulfinate known as allicin. This is what gives garlic extract with its high allicin content its broad spectrum immune support and immunomodulating properties.\* Thus, garlic with a high allicin 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.

Currently, 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. Carlic 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 allicin, derived from the Latin name of the plant. Allium sativum.



The debate about whether allicin 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 did present in raw garlic cloves. Alliin was found to be the precursor that is converted to allicin 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 allicin 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 allicin.

## CONCENTRATED ALLICIN – EXQUISITE IMMUNE SUPPORT\*

Allicidin® provides concentrated amounts of allicin 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 allicin 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



#### MADE IN OUR WORLD CLASS MANUFACTURING FACILITY FOR SUPERIOR QUALITY ASSURANCE:

- ✓ cGMP (we meet and often exceed FDA requirements) with our exceptional, well trained manufacturing staff
- ✓ Advanced lab testing at our state-of-the-art laboratory with highly trained scientists
- ✓ Delivering exceptional quality products since 1987

### PREMIER INGREDIENT **OUALITY**

Our ingredients are purchased solely for quality in terms of purity, potency and premier resonance capacity. They are sourced only from the finest qualified suppliers all over the world, including Europe, South America, India, China and many other countries. Because of our rigorous quality testing standards, we must reject the vast majority of materials.

Our sourcing team has traveled to many countries, ever in pursuit of the elusive pristine quality of nutritional ingredients. For example, they have traveled to the central forests of India to find the best source of noni, to Italy to personally examine aloe plants and to South Africa to

### **ADVANCED INGREDIENT TESTING**

PRL conducts scientific laboratory testing of raw materials and finished products, as well state-of-the-art, proprietary bioenergetic testing of all ingredients. PRL has pioneered the use bioenergetic testing to ensure the customer is consistently getting the best

quality worldwide. In addition, we use the most advanced lab equipment and test methods, such as HPLC (High Performance Liquid Chromatography), to assure the potency and reliability of every ingredient.





study tribal plants.









