

**MAN MADE
ANTIBIOTIC
DRUGS
ARE VERY
DANGEROUS!!!!**

Man made antibiotics are a major cause of recurrent infections, and our overuse of them is breeding highly resistant strains of "superbugs" that are immune to all known types of antibiotics.

To add insult to injury, we have lost the war on infectious disease, even with all the modern day man made drug antibiotics and better hygiene.

1. -According to a recent press conference held by the American Medical Association, infectious diseases have re-emerged as a serious health threat.

Just in the past decade, death from infectious diseases has risen a stunning 58 percent worldwide. By using antibiotics as a cure-all, the magic bullet has come back to hit us.

Every time we take antibiotics, we are giving harmful bacteria a new opportunity to become resistant. The consequence of this is that many antibiotics are useless.

An increasingly common scenario in American hospitals is hospitalized patients who get a hospital-based staph infection or pneumonia that is totally resistant to man made antibiotics. People with antibiotic-resistant diseases often die.

The cost to treat these people is \$1.2 billion each year in the United States.

2. -Tuberculosis is making a comeback because it is now resistant to most man made antibiotic drugs, along with highly resistant strains of pneumonia.

Man made antibiotic drugs also kill the very important and beneficial good bacteria that should be in a person's intestinal tract that normally will help provide protection against infectious diseases, allergens, and chemicals and radiation that we cannot escape being exposed to.

Man made drug antibiotics also weaken a person's immune system leaving them prone to all types of nutritional health problems, promote the growth of harmful candida, create a friendly environment for intestinal parasites, and cause excessive loss of vitamins and minerals from a person's body. They can create a susceptibility to food allergies which can effect any and every part of the human body.

Man made antibiotic drugs can cause kidney and liver damage, nerve function damage, nausea, vomiting, seizures, itching, hives, severe diarrhea, shortness of breath, wheezing, sore throat, fever, swollen joints, unusual bleeding or bruising, problems with breathing, wheezing, abnormality of the tongue, sore throat, chills, water retention, breathing problems, abdominal pain, gas, rectal bleeding, upset stomach, taste abnormalities, lethargy, dizziness, convulsions, anxiety, depression, combativeness, insomnia, hyper activity, insomnia, confusion, anemia, can contribute to osteoporosis, osteomalacia, cardiac arrhythmias, high blood pressure, and various other cardiovascular related problems, muscle cramps, PMS, an increase in the frequency and severity of asthma attacks, fainting spells, poor reflexes, fatigue, continuous thirst, edema, constipation, mental confusion, hearing loss, and tooth decay.

The right kind of garlic supplement is a broad spectrum antibiotic that blocks toxin production by germs.

Journal of Nutrition

Garlic blocks the enzymes which allows viruses, bacteria, and fungus to invade your body, promote the ability of the white cells to fight infections, and stimulate other immune cells to fight bacterial and viral infections.

Antibiotic factor gets produced by the action of the enzyme allinase on alliin.

This factor increases the immune system's resistance against bacterial infection.

In the article "The Antimicrobial Activity of Garlic and Onion Extract," *Pharmazie*, 38:747-748, E.

Elnima and coworkers reported that garlic reduces the infectious effect of *Staphylococcus* (staph infection), *Streptococcus* (strep infection), *Vibrio cholerae* (cholera), *Corynebacterium diphtheriae* (diphtheria), *Rickettsia rickettsii* (typhus), and *Shigella enteritides* (bacillary dysentery).

In the article, "Garlic in Cryptococcal Meningitis, a Preliminary Report of 21 Cases" (*Chinese Medical Journal*, 93:123-126), the editors reported that in a major Chinese hospital treatment with garlic was used effectively against **cryptococcal meningitis**, which is one of the AIDS (autoimmune deficiency syndrome) infections.

The article editors indicated that natural garlic extract can cross the blood-brain barrier and enter into brain tissue, unlike most synthetic drugs which cannot.

There is a
Big, Big difference in the
garlic supplements
available for the
American public

There are three criteria which determine how effective a garlic supplement is in the human body.

THREE CRITERIA OF A SUPERIOR GARLIC SUPPLEMENT

#1

Contains
Alliin

#2

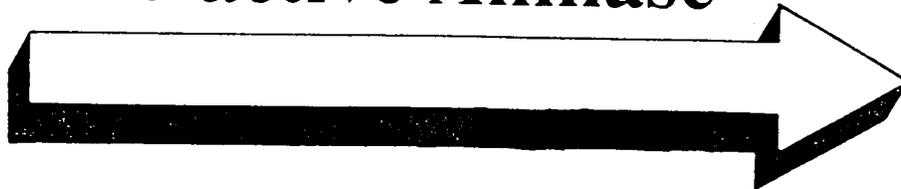
Contains active
Allinase
enzyme

#3

Delivers active
Allicin
to the
intestinal tract

Alliin

+ active **Allinase**



Allicin

An independent research study was undertaken by the T.R.A.C. Team to determine which garlic supplement is the best.

The team used sophisticated High Performance Liquid Chromatography (HPLC) machines which can detect minute amounts of biochemical compounds in complex mixtures to determine how well garlic supplements measured up to the three criteria required for an effective garlic supplement.

The first test determined the presence of the precursor compound alliin. The results showed that GNLD's Garlic Allium Complex has a strong alliin peak.

Another product containing aged garlic extract contained *very little alliin.*

Another sample containing steam distilled garlic oil had *none.*

The majority of the remaining garlic supplements tested contained *very little or no alliin*, even some which claim high yields.

The second study determined the presence of active allinase, the enzyme capable to producing allicin, the most biologically active compound found in garlic.

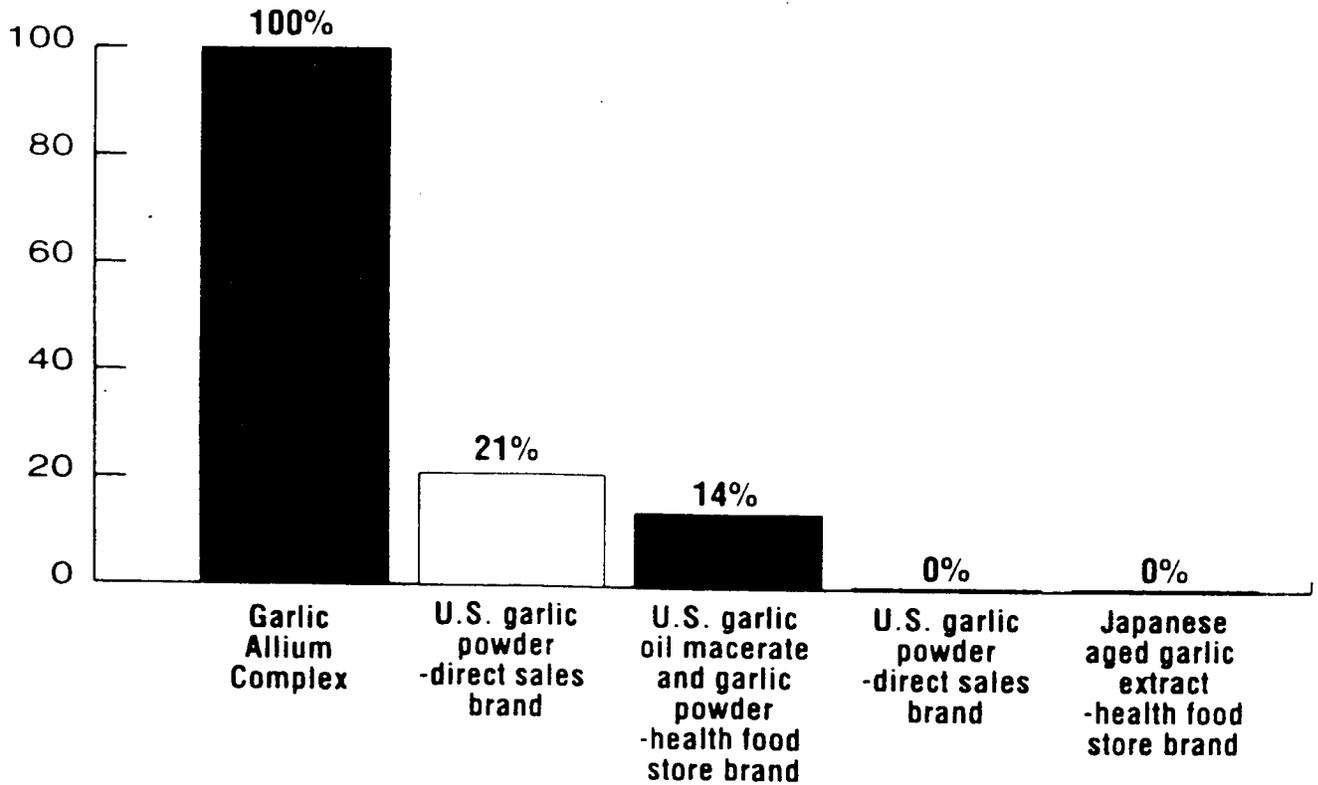
The study looked at the disappearance of alliin. Alliin disappearance shows that the enzyme is working and converting the alliin to allicin.

GNLD's Garlic Allium complex showed a dramatic fall in alliin levels decreasing to zero, indicating the Garlic Allium complex contains very active allinase enzyme.

Of the four other samples which contained alliin from the first study, two had minimal enzyme activity (10 to 20% of GNLD's) and the other two had no activity.

Test #2: Presence of active allinase enzyme capable of producing allicin

Activity measured as percent disappearance of alliin



The third test examined whether or not the supplement has a protective coating technology that will prevent the destruction of the active components in the stomach's acidic environment but will release them in the intestine for bioavailability.

The researchers found that the Garlic Allium Complex tablet remained completely intact and undamaged after an hour in simulated gastric fluid.

Then, in the intestine, the tablet completely disintegrates after 40 minutes, releasing its contents for use by the body.

None of the other two garlic products passed test #3 because they were destroyed in the stomach acid and didn't make it to the intestine.

GNLD's exclusive Targeted Activation System (TAST^m) is a technology of encapsulation which prevents the destruction in the stomach of important active ingredients of garlic and targets the intestinal tract for formation and release of these important compounds.

The tablets have no inconvenient odor or aftertaste because the important reaction which forms the odorous compounds does not take place until the contents reach the small intestine.

This technology ensures that the important active ingredients reach the intestine where they are most useful and bioavailable.

**Test #3a:
Protective coating that protects
the contents of the capsules**

Survival in artificial stomach for an hour			
	GNLD	GARLIC ALLIUM COMPLEX	PASSED
	Another leading direct sales brand	Premium Garlic	FAILED
	Health food store brand	Beyond Garlic	FAILED

These results show what will happen when a person takes a Garlic Allium Complex tablet: the tablet will easily survive the stomach acid and travel to the intestine where the tablet will disintegrate and the contents will be released.

In the intestine, the conditions are just right for the allinase to act on the alliin and form allicin.

The allicin is then bioavailable for a person's body to get the most value from it without causing any inconvenient odor or aftertaste.

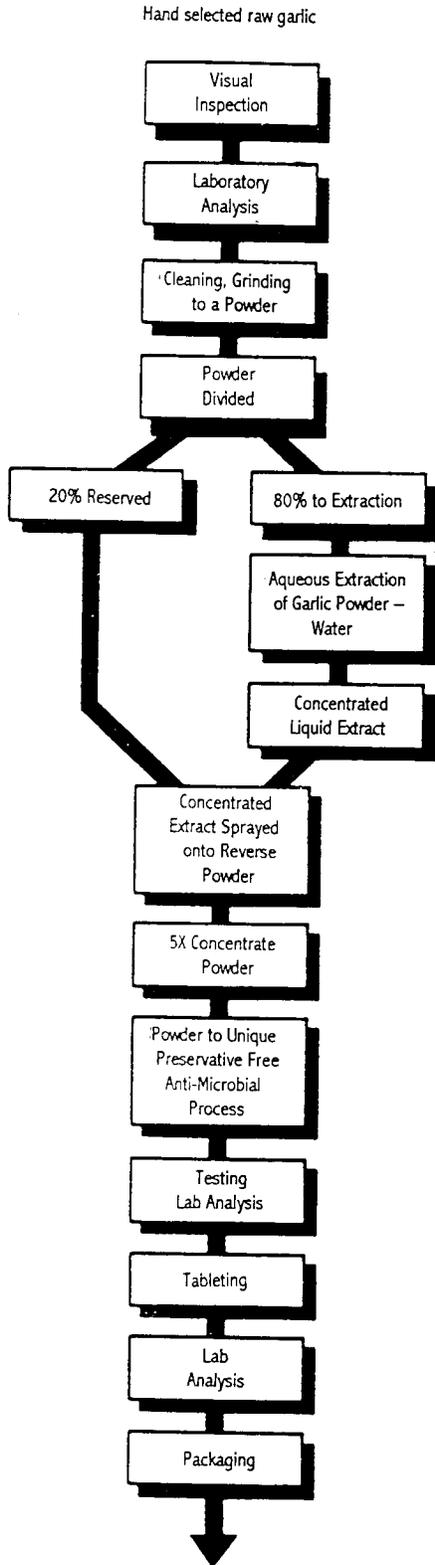
When the garlic is received in the GNLD warehouse, it is checked to make sure it is the finest quality garlic available.

After the garlic is O.K.ed 80% is emulsified into a liquid and sprayed on the 20% left solid. When the 80% dries, the garlic is now five times more potent than before.

Then the garlic is coated to get it through a person's stomach acid into their intestinal tract.

This way a person's body gets the benefit of the high potency garlic without smelling like garlic.

GNLD's UNIQUE 5X CONCENTRATION PROCESS



The final result.

 **GARLIC ALLIUM
COMPLEX**



Unique Features

- Highest yield allicin available – 4200 mcg per dose guaranteed
- Allium 5X concentrates of leek and onion
- Exclusive TASTM technology
- No inconvenient odor or aftertaste
- Purity, Potency, and Consistency Guaranteed

Ingredients

Each TASTM tablet contains GNLD's exclusive blend of pure Garlic extract combined with Allium 5X concentrates of leek and onion.

Two tablets provide a minimum 4200 mcg total Allicin yield.

No artificial colors, flavors, or preservatives.

Suggested Use:

2 tablets per day. To ensure breath freshness, do not chew tablets.

People don't eat enough garlic. Even if you're one of the few who eats a clove or more a day, you're only getting a fraction of its important compounds!

An enzyme you need in abundance is allinase, which works in your intestines to create health promoting allicin.

However, most of the allinase in fresh garlic is neutralized in your stomach long before it reaches your intestines.

Knowing this, GNLD's Scientific Advisory Board created Garlic Allium Complex with unique Targeted Delivery Technology, to shield allinase from stomach acid destruction.

As tablets safely reach your intestines, the bioactive ingredients are released, creating an impressive 4.2 mg of fresh allicin per serving!

So you receive all the health promoting benefits of potent garlic and other allium vegetables, while avoiding unpleasant after effects such as repeating and garlic breath.

Garlic Allium Complex exclusively from GNLD!

Garlic Allium Complex

Delivers more than garlic! Extracts and concentrates from 4 different allium vegetables:

garlic, green onions, chives, and leeks - linked in numerous research studies to better health.

Nutrient family approach. More than allicin.

Also includes other bioactive compounds known as oleoresins (oil-soluble substances from fresh garlic and onion) and *s-allyl cysteine*, natural components of allium vegetables that work together in different ways to benefit health.

Leung AY et al, Encyclop of Common Nat Ingrid, John Wiley & Sons, Inc pages 260-263

High potency.

Two tablets deliver 4.2 mg of active allicin the same amount found in a clove of fresh garlic and the amount research shows promotes wellness!^{2, 5}

That's potency you won't find with dried, aged, cooked, deodorized or non-coated garlic supplements.⁶⁻⁷ ,

² Agarwal KC, Med Res Rev, 16:111-124

⁵ Leung AY et al, Encyclop of Common Nat Ingred, John Wiley & Sons, Inc., 260-263

⁶ Lawson LD et al, Thromb Res, 65(2):141-156 ⁷ Luley C et al, Armeimittelforxhung (German), 36(4):766-768

Natural enzymes protected.

GNLD's special technology protects the enzyme allinase from destruction by harsh stomach acid. Allinase is required for the formation of allicin in the intestine, the critical compound responsible for many of garlic's extraordinary health benefits.

Targeted Delivery Technology.

Exclusive enteric coating delays disintegration until the target point in the intestines is reached, so the timely formation of fresh, active allicin is assured.

Plus,

an added benefit: Garlic Allium Complex does not cause repeating or garlic breath!

Convenient.

No need to eat a clove of garlic every day, or chop onions, leeks and chives!

Every batch is laboratory validated for purity, potency and consistency.

In a Garden of Garlic Supplements, **GNLD Gives You More!**

Product/ Company	Daily alliin yield at average suggested daily dosage	Broad spectrum allium family whole food supplement	Enteric coating to assure delivery to the intestine	No. of tablets per day needed for 4,200 mcg of alliin or greater	Contains both alliin & allinase to form active alliin	SRP per day at alliin yield of 4,200 mcg or greater
Garlic Allium Complex GNLD	4,200 mcg	YES	YES	2	YES	63¢ (SRP) 45¢ (DC)
Kwai Odor Free Lichtwer Pharma	3,600 mcg	NO	NO	5	NO	75¢
Beyond Garlic KAL, Inc.	3,500 mcg	NO	NO	2	NO	38¢
Garlic Gold Schiff	2,289 mcg	NO	NO	7	NO	\$1.16
Quintessence Pure Standard/Pure-Gar	2,250 mcg	NO	NO	6	NO	60¢
Quintessence Pure FOS/Pure-Gar	2,250 mcg	NO	NO	6	NO	66¢
Garlic & Greens Rainbow Light	1,875 mcg	NO	NO	6	NO	\$1.20
Organic Gar 500mg Solgar	1,125 mcg	NO	NO	6	NO	64¢
Kyolic #100 — #106 Wakunaga	Unknown	NO	NO	Unknown	NO	Unknown
Super Garlic Caps Twinlab	Unknown	NO	NO	Unknown	NO	Unknown
Garlic & Parsley KAL, Inc.	Unknown	NO	YES	Unknown	NO	Unknown
Garlic + Ginger Jarrow Formulas	Unknown	NO	NO	Unknown	YES	Unknown
Garlic Time/Arizona Natural Products	Unknown	NO	NO	Unknown	NO	Unknown
Odorless Garlic Schiff	Unknown	NO	YES	Unknown	NO	Unknown

Make sure you're taking the garlic supplement that gives you more!