



# AIM Proancynol<sup>2000</sup><sup>®</sup>



Proancynol 2000 is an antioxidant dietary supplement that supports immune function and regenerates glutathione production in our bodies.

## How is Proancynol 2000 Unique? —

- Clean extraction without the use of solvents
- Formulated to improve glutathione levels
- Seven antioxidant-rich ingredients to provide antioxidant recycling
- Quick absorption

## Approach —

The immune system is a group of organs, tissues, cells and cell products that protects us from invaders – viruses, bacteria and other microorganisms – and eliminates substances that can cause harm. Antioxidants support and strengthen the immune system by neutralizing free radicals.

As a normal part of metabolism, free radicals are generated inside the body as well as from outside sources, but too many can cause serious damage. External free radicals can come from food additives and preservatives, rancid fats, cigarette smoke, air pollutants, cleaners and radiation, even from sunlight.

### An overabundance of free radicals:

- Damages DNA
- Impairs cell membranes
- Accelerates oxidation

Free radicals form at the cellular level when atoms lose an electron, making them unstable and highly reactive. They steal electrons from other compounds, creating a destructive path of oxidation that leads to free radical damage in the body.

Antioxidants neutralize the destructive nature of free radicals by replacing the missing electron in unstable atoms.

Additionally, we produce fewer antioxidants as we age.

## Glutathione —

Glutathione is one of the major antioxidants produced by our bodies, directly neutralizing free radicals and reactive oxygen compounds. It also maintains other antioxidants such as vitamins C and E in their reduced (active) forms. Our ability to make glutathione decreases with age.<sup>1</sup>

## Key Benefits and Features

- Supports a strong immune system
- Reduces free radical damage
- Slows the oxidation process
- Increases energy
- Delivers a powerful source of antioxidants
- More than 20 years of safe and beneficial use by AIM Members
- Gelatin capsule is certified Halal and Kosher



## Antioxidant Recycling —

For the best antioxidant supplementation available, Proancynol 2000 combines seven proven antioxidant-rich ingredients:

- Alpha-lipoic acid
- N-acetyl-L-cysteine
- Grape seed extract
- Rosemary extract
- Green tea extract
- Selenium
- Lycopene

Providing an even greater number of antioxidants, all seven of these ingredients work individually as well as synergistically for an enhanced effect called antioxidant recycling.

When an antioxidant transfers one of its electrons to a potentially damaging free radical, the antioxidant becomes a minor free radical. The diversity of antioxidants released from the seven ingredients in Proancynol 2000 form an effective crew that returns missing electrons back to altered antioxidants. This “social network” replenishes the antioxidant capacity of each member on this protective team through the process of antioxidant recycling.



For example, N-acetyl-L-cysteine is involved in glutathione production; alpha-lipoic acid recycles glutathione. As part of the enzyme glutathione peroxidase, selenium also recycles glutathione. These three Proancynol 2000 ingredients help to maintain an adequate supply of one of the most important antioxidants in our bodies.

The oligomeric proanthocyanidins (OPCs) found in green tea and grape seed extracts are antioxidant flavonoids that play a role in recycling as they neutralize free radicals.

Likewise, both vitamin C and E are antioxidants that become free radicals after giving up electrons, but Proancynol 2000 returns them to their natural state, allowing these vitamins to be used for other functions that the body requires for maintaining good health.

## Green Tea Leaf Extract

Green tea is rich in four polyphenols (flavonoids that provide many health benefits): epicatechin, epigallocatechin, epicatechin gallate, and epigallocatechin gallate. Epigallocatechin gallate is up to 100 times more effective at neutralizing free radicals than vitamin C and 25 times more effective than vitamin E. Research suggests green tea can maintain a healthy immune system by increasing activation of white blood cells, macrophages, B lymphocytes, T lymphocytes and natural killer cells.<sup>2</sup>

## Grape Seed Extract

Grape seeds contain OPCs up to 20 times more powerful than vitamin C and 50 times more powerful than vitamin E. OPCs may help prevent and reduce wrinkles by protecting collagen and elastin, which interlace to give skin its strength, elasticity and smoothness.<sup>3</sup> Both red and white grape seeds are used for the extract in Proancynol 2000.

## N-acetyl-L-cysteine

N-acetyl-L-cysteine (NAC) is a powerful, immune-supportive antioxidant. NAC is metabolized into compounds that can stimulate glutathione synthesis.

## Alpha-lipoic acid

Alpha-lipoic acid is an antioxidant that scavenges free radicals inside and outside our cells. Both fat- and water-soluble, it has the ability to regenerate other antioxidants, including vitamins C and E, glutathione and coenzyme Q10. Research indicates that alpha-lipoic acid may increase human T lymphocytes for immune-system support.<sup>4</sup> The alpha-lipoic acid in Proancynol 2000 is derived from potatoes.

## How to use Proancynol 2000

- Take 2 capsules per day. Best taken with meals.
- Keep out of reach of children.
- Contains soy.
- Recommended for use with BarleyLife, CoCoo LeafGreens, and FloraFood for additional antioxidant and immune health benefits.

## FAQs

### Is there anyone who should not take Proancynol 2000?

Do not use if you are pregnant, nursing, suffer from kidney stones or a liver disorder. Consult a health care practitioner prior to use if taking alkaline medication or nitroglycerin. Proancynol 2000 is not recommended for children.

### Should I take a glutathione supplement instead?

Glutathione is a tripeptide comprised of cysteine, glutamic acid and glycine. When consumed as a supplement, the tripeptide is broken down into its three amino acids by the digestive system. Studies have found that oral consumption of glutathione produces poor results.

### Does Proancynol 2000 contain caffeine?

The green tea in this formula is decaffeinated, using a water process that safely filters out most of the caffeine. However, 3.1 mg of caffeine still remains in each capsule.

1. Mosoni L. et al. 2004. *Exp Gerontol.* Feb 39(2):203.
2. Wang S, et al. 2021. *Molecules.* June 26(12): 3755.
3. Weseler A. et al. 2017. *Nutri J.* 16:5.
4. Lie W. et al. 2019. *Biomed Res Int.* 8086257.

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