

The next leader in high-grade whey protein isolate production

Nutraxis has a primary focus on two of its most outstanding products: GSH Complex® and Triozyme™, both formulated for superior quality and to meet the growing demand for these scientific-based nutraceutical and nutritional supplements.

The world is poised to embrace GSH . . .

GSH, also known as glutathione, is reputed to be the body's "master antioxidant" and an important healing agent. It is a protein that is naturally occurring in the body, with an important role to protect each cell, tissue and organ from aging and disease.

While some studies are conclusive in terms of providing these basic health benefits, other ongoing studies are looking at the significant potential GSH may have in other areas. High levels of glutathione, for example, may protect against the dangers of cancer, heart disease, premature aging, autoimmune diseases and chronic illnesses. Intracellular GSH status appears to be a sensitive indicator of the cell's overall health and its ability to resist toxic challenges.

The reality is, though, that GSH is being depleted from our bodies on a daily basis, and more in populations that are exposed to exogenous oxidative stressors (cigarette smoking, pharmaceuticals, hydrocarbons, dietary deficiency, strenuous exercise, hydrocarbons, ionizing radiation, tissue injury, iron overload, bacterial and viral infections and alcohol consumption).

Undenatured whey protein, a pure natural high quality protein derived from fresh bovine's milk, has the ability to significantly increase glutathione levels within the

body. It is a rich source of the essential amino acids needed on a daily basis by the body. As a result of new technologies, a variety of biologically active amino acids, peptides and fractions can now be isolated from whey protein. In its purest form, as hydrolized whey protein isolate (WPI), it contains little to no fat, lactose or cholesterol. Digested WPI has been proven to elevate intracellular GSH by *de novo* synthesis, and can protect oxidant-induced cell death.

“ In terms of daily diet supplementation, GSH Complex® has now taken on the status of a ‘superfood’ for promoting optimal health, for possible prevention of disease, and for its potential as an anti-aging agent. ”

— Dr. Robert I. Bender, M.D., FAAFP,
Nutraxis Medical Board Advisor

. . . and Nutraxis is poised to embrace the world

One of the highest pharmaceutical-grade whey protein isolates on the market today,

GSH Complex® acts as a precursor for the increase of glutathione at the cellular level. It helps regulate the immune system, protects against radiation, is a primary anti-oxidant and detoxifies cells. This includes the "Natural Killer" and "T-Helper" cells, which are essential for immune system regulation and act as the body's first defense. GSH Complex® is not a drug; it is classified as a nutraceutical, and has no known side effects.

Quality first!

The Food and Agriculture Organization (FAO) in the U.S.A. has recently established a new method to compare the quality of various proteins based on the amino acid requirements of humans. This method, known as the protein digestibility corrected amino acid score (PDCAAS), is now an internationally recognized method. According to this method, an ideal protein that meets all the essential amino acid requirements of the human body will have a value of 1.0.



GSH Complex® from Nutraxis

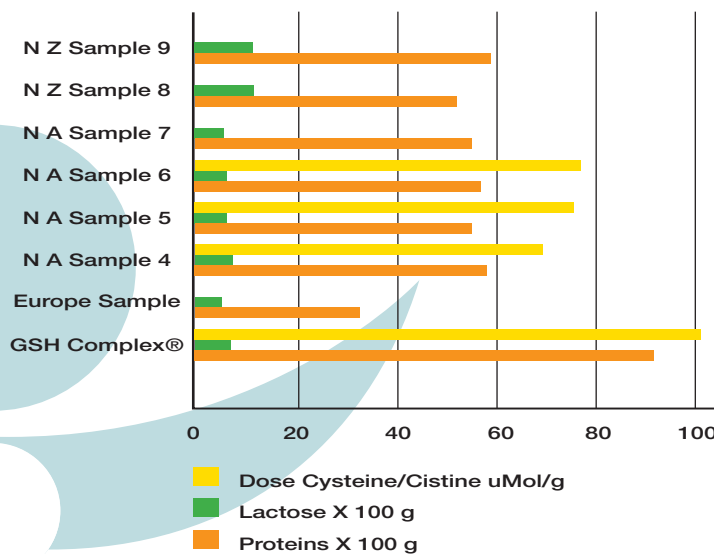
The **protein digestibility corrected amino acid score** of GSH Complex® has been measured by an independent laboratory at 1.14, which significantly **exceeds** the FAO norm.

GSH has four major functions:

- **Antioxidant:** To neutralize destructive free radicals and make major contributions to the recycling of other antioxidants that have become oxidized. The effectiveness of other antioxidants, such as Vitamins C and E, also depends on the availability of GSH.

- **Immune Regulator (Immune System Enhancer):** The immune system is dependent on GSH for proper functioning and is considered the body's frontline defense against infection, whether bacterial or viral. GSH also plays a major role in the body's defense against the formulation and ongoing production of abnormal cancer cells.
- **Detoxifier:** GSH can neutralize toxins, such as pollutants and carcinogens. The liver has the major responsibility for detoxification, and GSH is the cornerstone of this process.
- **Radiation:** Exposure to radiation from natural and other sources (including cosmic rays and natural radioactive minerals from sunlight and ultraviolet radiation) produces hydroxyl radicals, the most reactive radical known. GSH acts as a radiation protector.

GSH Complex® Active Component Comparison Chart



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