

# MANNATECH: WHAT MAKES US UNIQUE?

Our positioning in the breakthrough technology of glyconutrients places Mannatech as the worldwide leader in the marketplace today. This technology is as MIT states "one of the top ten technologies to change this world." It is the breakthrough that took place in the late 1970's around the discovery of the cell surface saccharides that are responsible for cellular communication between the human cells. Trillions of cells multiplied by millions of communications per minute and you will get the overwhelming importance of these recently recognized "PARTS" of the human body.

Mannatech was first to recognize this critical need for our deficient diet, and through intervention, the extremely positive health results that are available through supplementation. They formulated the first true glyconutrient complex called Ambrotose™ back in 1996, and filed a patent in over 80 countries, over 20 of which have already been granted.

**Just what is Ambrotose™?** Ambrotose™ contains the 8 necessary cell surface saccharides that make up our body's Microsoft operating system, transmitting the communication from cell to cell regarding healing, nourishment, cleansing, protection, etc. Our diets used to consist of mainly plants, and as hunter-gatherers it is well established that our diets contained over 800 different plant sources. Today we typically have three: potatoes (by eating french fries), tomatoes (by eating catsup) and iceberg lettuce. We have created a grave deficiency in these plant-based saccharides that is wreaking havoc on our health.

**Ambrotose AO®:** This product is yet another distinction of Mannatech. In 2003, Mannatech developed an anti-oxidant based on the impact in our human blood of specific nutrients it chose. They included nutrients from many continents that were endemic to populations who achieved remarkable longevity. The net result is a product that when added to the human body on a daily basis increases the antioxidant level by a resounding 37%! No other company uses this ORAC serum testing but it is the only one acknowledged by the Dept of Agriculture. Protect your cells today by taking the best antioxidant that has proven results.

**PhytoMatrix™:** Vitamins and minerals were perhaps the first supplements acknowledged as necessary due to dietary deficiencies. Many products in the market continue to use synthetic sources (such as ascorbic acid), which has been shown to be marginally absorbed, and to use "rocks" from the soil as mineral sources even in the all-natural brands. In 2006, Mannatech once again broke new ground by becoming the first nutritional supplement company with a 100% natural, 100% plant-digested vitamin/mineral supplement that truly results in the highest level of absorption. The technology for harvesting the minerals from plants at a level that is economical is patented and results in Mannatech having the only vitamin/mineral complex of this kind and efficacy in the marketplace today. If you are going to take a vitamin complex, why not take the best?

**PLUS:** Our endocrine system is probably getting the most attention over all other systems in the body today...why? Because approximately 60% of pharmaceutical drugs taken today relate to supporting our glands that have malfunctioned. Our glands fail for three main reasons: stress, toxicity (caused in part by pharmaceutical drugs) and lack of nutrition. The drugs merely mask the symptoms. Plant sterols promote the proper metabolic pathways in the body to support the endocrine system to operate effectively. Respected doctors tell us we need 75-80 mg of plant sterols in our diets daily and we are getting an amount closer to 1-2mg. PLUS provides the human body in a natural way the plant sterols it needs. Support your glands and stay out of the game of masking symptoms with toxic pills.

You can take back control of your health and maintain wellness by treating your body with the respect it deserves. Feed yourself right, and today that means supplementing with the right nutrients because the concept of eating right is a myth. Our foods just do not contain the nutrients we need!

**Your choice, make a good one because your health and your family's depends on it!**

# MANNATECH™ QUALITY ASSURANCE

Mannatech assures that only high quality products are distributed to its Associates through a comprehensive quality assurance (QA) program that monitors product quality from the receipt of raw ingredients and components, to the distribution of our finished packaged product. The quality assurance program complies with U.S., Canadian and Australian legislated requirements known as Good Manufacturing Practices (GMP).

Mannatech and Mannatech QA “approved” suppliers have, for many years, been in compliance with the pharmaceutical GMPs issued by the Australian Therapeutic Goods Administration (TGA), and the GMP for natural health products issued by the Natural Health Product Directorate (NHPD) of Canada. In June of 2007, the Food and Drug Administration (FDA) issued the long awaited U.S. GMPs for dietary supplements. Since Mannatech and Mannatech “approved” suppliers have followed the TGA and the NHPD GMP, we are in an excellent position to incorporate the few inclusions of the new U.S. GMPs.

The U.S. GMPs, as well as those of the TGA and NHPD, place a heavy emphasis on in- process controls to ensure that finished products will meet predetermined specifications. Mannatech has implemented an effective “check and balance” approach to ensure that our QA approved suppliers will consistently produce products that meet Mannatech’s high standards. These include:

- Independent third-party GMP certification of our manufacturers. NSF and/or NNFA and TGA certify our manufacturers.
- Purchasing raw materials and components using predetermined specifications and only from QA approved suppliers.
- Testing each lot of raw material and component for identity and purity
- Establishing in-process production specifications that must be met prior to moving to the next step of production. QA must review the results of the inspections and tests so only those lots that meet the in-process specifications can be released to the next step in production.
- Testing each lot of finished product to established specifications for physical, chemical, purity and microbiological characteristics.
- Re-testing each lot of finished product for identity and label integrity upon receipt at our Mannatech warehouse.
- QA review of all lot records and testing to ensure that only products that meet specifications are distributed to our customers.
- Performing shelf life studies on each product annually to ensure products meet their specifications at expiry.
- Annually verifying our supplier’s results by an independent third-party testing laboratory.

Together, Mannatech and Mannatech’s approved suppliers have more than 200 highly qualified and experienced quality professionals that oversee the production, labeling, packaging and distribution of Mannatech products.