

# **Reinventing the Multivitamin**

Our modern diets have the majority of us gorging on calories but starving for the nutrition found naturally in fruits, vegetables, and other healthy foods. To compensate, we take multivitamin/mineral supplements, but they may not be as good as you think. Minerals in traditional multivitamins are generally isolated, which can make them difficult for your body to absorb. In addition, isolated minerals can literally rob the vitamins of their critical antioxidant ability before they have a chance to be absorbed by the body.

That is why Melaleuca created the *Vitality Pack* with *Oligofructose Complex*. This revolutionary process binds minerals to organic compounds to help keep them soluble in the intestines, while also protecting the antioxidant power of your vitamins. There's never been a multivitamin like it. And you can only find it at Melaleuca.



## Starving for Nutrition:

The Gaps in Our Modern Diet

Many of us go through life feeling tired, run down, and stressed out. One of the biggest contributors may be a lack of proper daily nutrition.

- As few as 20% of adults eat the recommended daily amount of fruits and vegetables (the primary source of natural vitamins and minerals)
- Our bodies cannot create these critical nutrients, so they need to be replenished every day

### From the Ground Up:

Nutrition the Way Nature Intended

The best way to get the nutrients we need every day is the way nature intended—through eating fruits, vegetables, and other healthy foods.

- Nutrients in fruits and vegetables are never isolated—they are bound to organic compounds such as fiber and proteins
- This natural binding process helps the minerals remain soluble during digestion and inhibits their ability to generate free radicals
- Our bodies are designed to extract nutrients in this "bound" form

## The Need for Nutrients: Why Vitamins and Minerals?

A vitamin is literally any substance that our body cannot live without, but that it cannot make on its own.

- Witamins are essential for energy, heart health, and antioxidant activity\*
- Minerals are essential to the function of enzymes, which are required for all your body's basic functions: from breathing and digesting food to proper nerve function\*

### WHY YOU NEED MINERALS AND VITAMINS

MINERAL	BENEFIT*
Calcium	Strong bones and teeth, muscle and heart activity
Phosphorus	Energy and healthy bones and teeth
Magnesium	Energy, strong bones
Iron	Oxygen delivery throughout the body, energy, and antioxidant protection
Zinc	Antioxidant protection, protein production, and a strong immune system
Copper	Energy, antioxidant protection, and support of red blood cell formation
Selenium	Antioxidant protection
Manganese	Energy and antioxidant protection
lodine	Thyroid gland support and energy
Molybdenum	Amino acid metabolism
Chromium	Efficient carbohydrate metabolism
Boron	Enhances the body's ability to absorb calcium and magnesium.

VITAMIN	BENEFIT*
Vitamin A (beta-carotene)	Proper vision and antioxidant protection
Vitamin D	Efficient calcium absorption and healthy bones and teeth
Vitamin E	Antioxidant protection and immune system support
Vitamin K	Supports bone structure
Vitamin C	Antioxidant protection, immune system support, and strong tendons, ligaments, and bones
Thiamin (Vitamin B1)	Energy and a healthy central nervous system
Riboflavin (Vitamin B2)	Energy and immune system support
Niacin (Vitamin B3)	Energy and the formation of vital molecules
Vitamin B6	Energy, amino acid metabolism, formation of neurotransmitters, and heart health
Vitamin B12	Energy and heart health
Folate	Heart health
Pantothenic Acid	Energy and formation of essential enzymes
Biotin	Energy and strong, healthy hair

<sup>\*</sup> These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

## Free Radicals & Antioxidants: A Detailed Look

A free radical imbalance is one of the most destructive forces your body has to deal with. Fortunately, there is a defense—antioxidants.

- A free radical is a molecule that is missing an electron and attempts to steal it from other molecules
- An antioxidant neutralizes free radicals by donating an electron
- Too many free radicals disrupt bodily systems and can lead to health concerns
- Antioxidants like flavonoids from grape skins and seeds, carotenoids, and vitamins A, C, and E are key to keeping free radicals in balance
- Damage from free radical imbalance is a threat to everyone's health

# The Problem with Traditional Multivitamins

Recognizing that there are critical gaps in our modern diets, multivitamin and mineral supplements were created, but there are two crucial flaws with traditional multivitamins.

- \*\* The minerals in traditional multivitamins are not bound to organic compounds, they are isolated. As a result, they tend to "crystallize" in the intestines making them difficult for the body to absorb.
- Isolated minerals cause an increase of free radicals. The antioxidants in your multivitamin (vitamins A, C, and E) are then forced to neutralize the free radicals, robbing them of some of their potency before they can be absorbed.

### Melaleuca's Revolutionary Solution

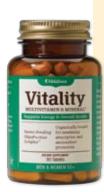
Melaleuca's unique approach focused on taking research-recommended nutrients from the most effective sources and combining them with organic compounds (amino acids and oligofructose) to supply nutrients in a form that mirrors the way they are naturally found in fruits, vegetables, and other whole foods. The result was Oligofructose Complex™.

Oligofructose Complex solves the two main problems with traditional vitamin and mineral supplements: mineral solubility in the intestines and the generation of excess free radicals.

- 1. Oligofructose Complex helps keep minerals soluble in the intestine— where nutrient absorption takes place
- Oligofructose Complex protects the potency of vitamins by guarding the minerals, reducing their ability to generate excess free radicals











### Independently Researched and Tested

Because their findings represented such an innovative breakthrough in the field of multivitamin and mineral supplements. Melaleuca scientists sought an outside source to verify their findings and ensure it was effective as possible.

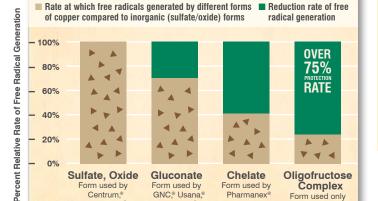
- \*\* Dr. Andrei Komarov of The George Washington University helped choose the form that offered the most antioxidant protection
- Dr. Gary Buettner of the University of lowa confirmed the concepts behind the antioxidant protection



Solubility is the key to absorption. With Oligofructose Complex, the minerals were shown to be over nine times more soluble than the forms used in One A Day® and Centrum®

\* Solubility of copper, iron, manganese, and zinc at intestinal pH (7.0-7.2). Solubility for Melaleuca's form was determined as percent of ingredient remaining in solution at pH 7.0 after being at pH 1.0 (stomach conditions). Competitors' ingredients solubility data taken from Merck Index and Handbook of Chemistry and Physics.

Protection Against Free Radical Generation<sup>†</sup>



Binding minerals such as copper and iron using Oligofructose Complex provides a free radical reduction rate of over 75%—significantly higher than the competition.

GNC,® Usana,®

Pharmanex®

Form used only by Melaleuca

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Centrum,®

One A Dav®

### **Exclusive Melaleuca Products**

The Vitality Pack® (Vitality Multivitamin & Mineral<sup>™</sup> and Vitality Calcium Complete <sup>™</sup>) is the only supplement in the world to feature Oligofructose Complex™.

- The Vitality Pack is available individually or as part of the Vitality 4<sup>™</sup>, Vitality 6<sup>™</sup>, or Vitality Total™ Packs
- The Vitality Packs are available in Men's, Women's, Prenatal, and Men's and Women's 50+ to meet your individual nutritional needs
- Patent-pending to protect Melaleuca's rights in the technology—it's only available from Melaleuca



### **Product Summary:**

Only the all-new Vitality Pack combines the research-recommended amounts of 25 essential nutrients with our patent-pending Oligofructose Complex. This revolutionary process naturally binds minerals to organic compounds (amino acids and oligofructose) to protect the potency of antioxidants and maximize nutrient availability.

In short, Oligofructose Complex helps deliver nutrients to your body in a form that mirrors how they're naturally found in fruits, vegetables, and other whole foods for energy, vitality, and balanced nutrition.

### Sharing the Vitality Pack with Others

The Vitality Pack with patent-pending Oligofructose Complex is unlike any other multivitamin available. The following Q&A section outlines the most common ways people obtain daily nutrition, the problems with that course of action, and how the Vitality Pack with Oligofructose Complex helps solve the problems.

<sup>†</sup> Inorganic forms of copper is defined as 100% rate of free radical generation (determined as a result of free radical oxidation of 2',7'-dichlorofluorescein catalyzed by different forms of



## 6 Common Questions Answered by Oligofructose Complex™:

# Question #1: What's wrong with just eating the modern diet without taking a vitamin or mineral supplement?

**Problem:** You're likely not getting the full nutrition your body needs to stay healthy and energetic.

#### Oligofructose Complex Solution:

A balanced multivitamin and mineral supplement designed to give you the right amount of nutrition from the right sources in a complex similar to food. Our easy-to-swallow coating makes them easy to take.

# Question #2: What if I try to get the nutrients I need through eating whole foods and unprocessed fruits and vegetables?

**Problem:** Food is and always has been the best source of nutrition for the human body. However, only about 20% of Americans get the basic amount of nutrition they need on a daily basis. Doctors recommend everyone should supplement to fill in the gaps.<sup>‡</sup>

### **Oligofructose Complex Solution:**

The Vitality Pack® offers a balanced multivitamin and mineral supplement designed to give you the right amount of nutrition from the right sources in a complex that helps your body assimilate the nutrients like food. The easy-to-swallow coating makes the supplements easy to take.

# Question #3: Is it effective to take specific isolated vitamins and minerals (like a vitamin C, vitamin E, or calcium mega-dose) in addition to my diet?

**Problem:** Vitamins work best in a complex, not in isolated mega-doses. In fact, most nutrients need the presence of other elements in the digestive system to be properly assimilated. Otherwise, the body simply eliminates them.

### Oligofructose Complex Solution:

The Vitality Pack delivers a balanced multivitamin and mineral supplement designed to give you the right amount of nutrition from the right sources in a complex similar to food. The easy-to-swallow coating also makes the supplements easy to take.

## Question #4: What if I already take a standard multivitamin in addition to my diet?

**Problem:** There are two main problems with traditional vitamins.

- 1. Minerals in supplements are isolated. As a result, they dissolve easily in the stomach. But as they enter the pH-neutral intestines—where nutrients are absorbed—they begin to recrystallize, making them more difficult for the body to absorb.
- Isolated minerals increase the amount of free radicals present during digestion. As a result, antioxidants (like flavonoids from grape skins and seeds, carotenoids, and vitamins A, C, and E) are forced to neutralize the free radicals, essentially "using them up" before they have a chance to enter the blood stream.

#### **Oligofructose Complex Solution:**

Oligofructose Complex solves the two main problems with traditional multivitamins:

- With Oligofructose Complex, minerals are bound to organic compounds mirroring the way they are found in natural foods. When oligofructose is broken down in the intestines, it temporarily lowers the pH level, creating the ideal environment for the attached mineral to become more soluble and available for absorption.
- 2. Binding minerals to organic compounds helps protect the minerals, so fewer free radicals are produced, and more of the vitamin's antioxidant ability is available for your body to utilize.

# Question #5: What if I'm already taking a whole food supplement in addition to my diet?

**Problem:** Many whole food supplements do not contain enough actual nutritional substances (vitamins and minerals) in the plant matter. On many products, the nutritional content isn't even listed on the labels.

### **Oligofructose Complex Solution:**

The *Vitality Pack* delivers a balanced multivitamin and mineral supplement that delivers significant research-recommended amounts of nutrition in a complex that helps the body assimilate the nutrients like food.

Question #6: Is the *Vitality Pack* from Melaleuca the only supplement to include this ground-breaking process that mirrors the form of minerals found in plants?

#### Yes!

The *Vitality Pack* is the only supplement in the world to include *Oligofructose Complex*, and it's patent-pending to protect Melaleuca's rights in the technology.