

BACKGROUND INFORMATION

Digestive wellness starts with Biocore[®] Optimum Complete. Providing a full spectrum of enzymes, including acid maltase, lactase, and alpha-galactosidase, Biocore[®] Optimum Complete is capable of breaking down almost any meal into the nutrients your body needs to feel great every day!

Building upon the foundation of Biocore[®] Optimum, the Product Development team at NEC worked to develop an extension that left no room for improvement. The result was a formula aptly named Biocore[®] Optimum Complete. It provides optimal digestive support for everyone, including those eating large meals, those eating processed food on the go and for those with specific digestive concerns.

Biocore[®] Optimum and its basis in the TNO study provided the starting point in developing Biocore[®] Optimum Complete. Broad spectrum proteases, lipases and carbohydrases derived from microbial sources provide digestive support. These enzymes were selected for their broad pH stability, and were combined to provide enzymatic activity throughout the gastrointestinal tract.

Even those who think they have healthy digestion can benefit from Biocore[®] Optimum Complete. Very few people eat only well-balanced, appropriately sized meals containing mostly fresh, raw fruits and vegetables. Even fewer people can eat those meals in a relaxed environment with plenty of time after eating to thoroughly digest the food consumed. Since the 21st century lifestyle doesn't accommodate optimal digestion, there is Biocore[®] Optimum Complete to help out.

In addition to providing general starch, sugar, protein and fat digestion, the new Biocore[®] Optimum Complete contains specialized enzymes added to address some common digestive

Supplement Facts	
Serving size: 110 mg	
Amount per serving	% DV
BioCore [®] Optimum Complete	110 mg
Amylase	3,500 DU *
Protease	21,000 HUT *
Protease	4,000 PC *
Alpha-galactosidase	150 GalU *
Glucoamylase	9 AGU *
Lactase	1,000 ALU *
Protease	50 SAPU *
Invertase	400 SU *
Lipase	500 FIP *
Acid maltase	14 MaltU *
Peptidase	2 AP *

* Daily value not established

Table 1

concerns. For many people, including children and healthy young adults, digestion is often an uncomfortable process.

For a variety of reasons, the endogenous digestive enzymes needed to completely break down food are not available or are not sufficient to digest certain types of food completely. As a result, discomfort, bloating, gas and even nausea or diarrhea can result. Biocore[®] Optimum Complete contains several specific enzymes to fill in the gaps in digestive functioning.

Some individuals experience digestive difficulty because normally easily digested starchy foods, such as rice, potatoes and pasta, are not completely broken down. Acid maltase assists in the final breakdown of maltose, one of the main disaccharides produced from starch digestion. Acid maltase is included to help in the final breakdown of carbohydrates.

Another difficult to digest category of food contains grains, legumes and vegetables such as broccoli, cauliflower, cabbage. The inability to break down these vegetables can cause discomfort and embarrassing consequences. The reason some people are not able to digest these foods is because of the raffinose, stachyose and verbascose sugars found in them. The inability to fully break down these sugars results in their fermentation by intestinal bacteria resulting in the production of gas. For this reason alpha-galactosidase was added to Biocore® Optimum Complete to function alongside invertase in breaking down these resistant sugars.

Between 30 and 50 million Americans suffer from dairy intolerance. This includes both adults and children having difficulty in digesting milk sugar. Dairy intolerance is especially concentrated

among African Americans and Asians where 75% of African Americans and 90% of Asians cannot properly digest dairy products. Lactase was added to this new formula to boost the level of lactose breakdown, therefore eliminating the need to take a separate lactase product. The lactase in this formula can digest one complete cup of milk!

It's all in the name, Biocore® Optimum Complete. Digestive wellness starts with just one capsule. It helps your body work at its optimum. No need to take multiple products for multiple foods - Biocore® Optimum Complete is all you need to help your customers feel great every day!

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