

TECHNICAL INFORMATION

DESCRIPTION:

Biocore[®] Optimum is a full spectrum digestive enzyme blend designed to insure optimal digestion of all macronutrient groups. This blend includes proteases, lipases and carbohydrases and was formulated based on the results of studies conducted by TNO utilizing the TIM model. This food grade vegetarian enzyme system is obtained by extraction from barley malt (*Hordeum vulgare*) and the controlled fermentation of select microbial species from the genera *Aspergillus*, *Rhizopus*, *Candida* and *Saccharomyces*.

ACTIVITY:

Biocore[®] Optimum is standardized utilizing the following FCC activities: HUT, SAPU, PC, AP, AGU, DU, DP°, FIP, and SU. Complete descriptions of these assays are available upon request.

PROPERTIES:

Form:	Dry powder
Color:	Light tan
Odor:	Free of offensive odor
Taste:	Free of offensive taste
Effective pH Range:	pH 2 to 8
Effective Temperature Range:	Up to 70°C

TYPICAL SIDE ACTIVITIES:

A variety of carbohydrate, proteolytic and lipolytic side activities are likely to occur in this blend.

APPLICATIONS:

Biocore[®] Optimum is intended for use in dietary supplements. Biocore[®] Optimum can be a stand alone product or a major part of a digestive enzyme supplement.

SHELF LIFE:

To maintain optimum enzyme activity, this product should be stored in a cool, dry place in a tightly sealed container. When properly stored, this product can be expected to lose less than 10% of its activity in two years.

Note: Nothing disclosed above is to be construed as a recommendation to use our product in violation of any patents or to market/label our product in a manner that is not compliant with FDA or FTC regulations. The information presented above is believed to be accurate and is presented for educational purposes only. However, said information and products are offered without warranty or guarantee except as to the composition and purity stated herein since the ultimate conditions of use and variability of the materials treated are beyond our control.