Betacol®

Promotes Healthy Liver, Cardiovascular, and Cellular Function

Betacol contains *Tillandsia usneoides*, a source of important phytochemicals that contribute to cardiovascular and cellular health. Several bioactive compounds, including vitamin C, carotene, and 3-hydroxy-3-methylglutaric acid (HMG), are found in *Tillandsia usneoides*. Vitamins, minerals, and phytochemicals in Betacol work at the cellular level to maintain healthy blood glucose and cholesterol levels in individuals with normal levels. Betaine in Betacol is important for healthy liver function, especially the metabolism of fat.†

How Betacol Keeps You Healthy

*Promotes healthy liver function*

Betaine is a lipotrophic agent that promotes transportation and metabolism of fats, helping to prevent the accumulation of fat in the liver. Several studies demonstrate betaine's unique ability to support a healthy liver.†

*Supports cardiovascular health*

*Tillandsia usneoides* supports arterial health by helping to maintain normal serum cholesterol levels in individuals with normal levels. HMG, the bioactive compound in *Tillandsia usneoides*, has been shown in several studies to help support cardiovascular health factors. Several studies have confirmed that HMG operates at the enzymatic level in the kidney and intestine. Studies also indicate that HMG may help maintain healthy cardiovascular function. Betacol contains vitamin B₆, which is important for red-blood-cell formation and helps maintain optimum homocysteine levels in the blood. Vitamin B₆ is well documented for its ability to support the heart muscle and associated blood vessels.†

*Promotes healthy cellular function*

Vitamin B₆ is required to synthesize the nucleic acids RNA and DNA—the molecules that carry the genetic instructions for normal cellular growth and reproduction. Betacol also contains niacin, which functions as a coenzyme that is key to cellular respiration, carbohydrate and protein metabolism, and lipid synthesis. Niacin is a hydrogen acceptor, combining with hydrogen atoms as they are removed from the food we eat. Once this occurs, the coenzyme continues transferring these atoms to other compounds in a series of complex oxidation reactions. Several studies indicate that extracts from *Tillandsia usneoides* contain compounds capable of reducing serum glucose. HMG may also help support liver function.†

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†Those statements have not been evaluated by the Food & Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

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Please copy for your patients.
Betacol®

What Makes Betacol Unique

Product Attributes

A distinctive product that contains choline

› Choline is essential to metabolize fat, cholesterol, proteins, and carbohydrates effectively†

Multiple nutrients from a variety of plant and animal sources

› Extracts from bovine tissues provide nutrients and support to the corresponding tissues in humans

› Vitamins, minerals, and nutrients from plants and animal tissues work synergistically for maximum effect†

Contains Protomorphogen™ extracts

› Standard Process uses a unique manufacturing method of deriving tissue cell determinants from animal glands and organs

› Help provide cellular support and rehabilitation to the corresponding human tissues

› Important antigenic properties of nucleoprotein-mineral determinants are the foundation of the product†

Manufacturing and Quality-Control Processes

Low-temperature, high-vacuum drying technique

› Preserves the enzymatic vitality and nutritional potential of ingredients

Degreed microbiologists and chemists in our on-site laboratories continually conduct bacterial and analytical tests on raw materials, product batches, and finished products

› Ensures consistent quality and safety

Vitamin and mineral analyses validate product content and specifications

› Assures high-quality essential nutrients are delivered

Whole Food Philosophy

Our founder, Dr. Royal Lee, challenged common scientific beliefs by choosing a holistic approach of providing nutrients through whole foods. His goal was to provide nutrients as they are found in nature—in a whole food state where he believed their natural potency and efficacy would be realized. Dr. Lee believed that when nutrients remain intact and are not split from their natural associated synergists—known and unknown—bioactivity is markedly enhanced over isolated nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to an isolated or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for most of the information we provide you in this publication about whole food ingredients. See the supplement facts for Betacol®.


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