

# Bioist®

## A Special Combination Formula That Supports Cellular and Skeletal Health

Bone serves a myriad of functions beyond providing shape and support for the body. Bone stores essential mineral salts, while bone marrow provides a manufacturing plant for the formation of blood cells. Manganese is necessary for bone growth, development, and replacement. Manganese is involved with the health and maintenance of ligaments and tendons, as demonstrated in numerous animal studies. Manganese helps to form cartilage and synovial fluid and is required to synthesize bone. Manganese is also necessary (in small quantities) for protein and fat metabolism. Manganese supports healthy nerves and strengthens immunity while also playing a role in blood-sugar regulation and energy production.†

### How Bioist Keeps You Healthy

#### *Maintains cellular health*

Protomorphogen™ extract is the brand name of Standard Process' extracts derived from nucleoprotein-mineral molecules. The foundation for the function of these uniquely formulated, nucleoprotein-mineral extracts comes from the antigen-antibody reaction that takes place during normal cell maintenance. The antigenic properties promote healthy cellular division, function, and growth. When a tissue needs support, at least a dozen different compounds are formed that can cause white blood cells to travel together toward the compromised area. These compounds include degenerative products of the tissues themselves. They strongly activate the macrophage system, and within a few hours, the macrophages begin to devour the destroyed tissue byproducts. At times, the macrophages can also affect the structure of the remaining healthy cells. The veal bone PMG™ extract in Bioist appears to neutralize the circulating antibodies, thereby contributing to the maintenance of cellular health.†

#### *Supports skeletal health*

Manganese acts as a catalyst and a cofactor in many enzymatic processes important in skeletal and connective-tissue development. Manganese is necessary for appropriate bone growth and development. Manganese plays a prominent role among the enzymes necessary for mucopolysaccharide synthesis. Mucopolysaccharide is an important constituent of the bone and cartilage structural matrix, as well as in the health and maintenance of ligaments and tendons.†

#### *Improves calcium absorption*

While many people fail to take in adequate amounts of calcium from their diets, their calcium intake is further compromised by consuming food or drinks that inhibit calcium absorption or that contain calcium in a complex state. Calcium lactate is a very soluble and highly bioavailable calcium salt, changing to calcium bicarbonate (the type used by the body) in one chemical step. Unlike other forms of calcium that are largely insoluble in water and need acid conditions in order to be absorbed, Standard Process' calcium lactate is highly soluble in water (a neutral pH) and does not depend on acidic conditions to function.†

*Please copy for your patients.*



Introduced in 1954



**Content:**

90 tablets  
360 tablets

**Suggested Use:** One tablet per meal, or as directed.

**Supplement Facts:**

Serving Size: 1 tablet  
Servings per Container: 90 or 360

	Amount per Serving	%DV
Calories	1	
Manganese	6 mg	300%
Sodium	10 mg	<1%

\*Percent Daily Values (DV) are based on a 2,000-calorie diet.

**Proprietary Blend:** 250 mg  
Veal bone PMG™ extract, calcium lactate, and magnesium citrate.

Other Ingredients: Manganese lactate, honey, cellulose, and calcium stearate.

*Each tablet supplies approximately:  
170 mg veal bone PMG™ extract.*

**Sold through health care professionals.**



800-558-8740 | standardprocess.com

**GF** This product contains less than 10 parts per million of gluten per serving size or less than 20 parts per million per the suggested use listed on each product label.  
†These statements have not been evaluated by the Food & Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

# Biost®

## What Makes Biost Unique

### Product Attributes

Contains a unique blend of ingredients for a variety of nutritional benefits

- › Veal bone PMG™ extract contains bone tissue and bone marrow, providing natural support for the healthy formation of red blood cells†

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†

The calcium lactate in Biost is a pure-vegetable source of calcium

- › Not derived from a dairy source

### Manufacturing and Quality-Control Processes

Low-temperature, high-vacuum drying technique

- › Preserves the enzymatic vitality and nutritional potential of ingredients

Not disassociated into isolated components

- › The nutrients in Biost are processed to remain intact, complete nutritional compounds

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 much of the information we provide you in this publication about whole food ingredients. See the supplement facts for Biost®.

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