

# Ostarplex<sup>®</sup>

## 6350

Please Copy for Your Patients

## Ostarplex Contains Veal Bone PMG<sup>™</sup> Extract, Betaine Hydrochloride and Ammonium Chloride

Over 100 years ago, French physiologist Claude Bernard called the fluid in which all cells live, grow, and perform their various functions the "internal environment" or the "milieu interieur." The chloride ions found in betaine hydrochloride and ammonium chloride are important and substantial components of this internal environment as they work to provide just the right amount of nutrients and electrolytes to all living cells. Chloride ions also play a predominant role in sustaining water balance among cells.

Veal bone PMG<sup>™</sup> extract serves a myriad of functions beyond providing shape and support for the body. Together, these ingredients contribute to the overall functioning and well-being of the skeletal system by a number of physiological processes.†

## How Ostarplex Keeps You Healthy

### Maintains cellular health

Protomorphogen<sup>™</sup> 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. They include degenerative products of the tissues themselves. These substances strongly activate the macrophage system, and within a few hours, the macrophages begin to devour the destroyed tissue by-products. At times, the macrophages can also affect the structure of the remaining healthy cells. The veal bone PMG<sup>™</sup> extract in Ostarplex appears to neutralize the circulating antibody, thereby contributing to the maintenance of cellular health.†

Over half the human body is made up of fluid. Almost one third of that fluid lies outside each cell and contains substantial amounts of chloride ions. This fluid is constantly moving throughout the body to reach and feed all living cells with essential nutrients required to keep cells alive and performing properly. The chloride ions also help maintain a proper acid-base or pH balance at the cellular level.†

### Promotes healthy joints

The Arabs, who first discovered the plant, deemed alfalfa the "father of all foods" for its many nutritional benefits. Alfalfa contains vitamin complexes A, B<sub>1</sub>, B<sub>2</sub>, B<sub>3</sub>, B<sub>6</sub>, C, and K. Mineral complexes calcium, copper, iron, manganese, magnesium, phosphorus, potassium, zinc, chlorine, sulfur, sodium, silicon, and some trace minerals are also found in alfalfa. Alfalfa proteins also supply enzymes and such essential amino acids as arginine, lysine, threonine, and tryptophan. Both pantothenic and folic acids are also found in alfalfa. Numerous studies point to the importance of these vital nutrients in maintaining strong skeletal tissue.†

### Supports joint health

Joint discomfort is sometimes accompanied by reduced serotonin levels. Vitamins and amino acids capable of stimulating serotonin production, such as vitamin B<sub>6</sub>, can improve joint comfort.†



**Introduced in:**

1958

**Content:**

40 Capsules

### Supplement Facts:

Serving Size: 1 capsule  
Servings per Container: 40

|                        |        | %DV |
|------------------------|--------|-----|
| Calories               | 2      |     |
| Riboflavin             | 0.1 mg | 6%  |
| Niacin                 | 1.3 mg | 6%  |
| Vitamin B <sub>6</sub> | 0.2 mg | 15% |

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

## What Makes Ostarplex Unique

### Unique Product Attributes

#### Contains Protomorphogen™ extracts

- Standard Process' unique manufacturing method of deriving tissue cell determinants from animal glands and organs
- Help provide cellular support and rehabilitation in corresponding human tissues
- Important antigenic properties of nucleoprotein-mineral determinants, the foundation of the product†

### Unique Processing

#### Exclusive low-temperature, high-vacuum drying technique

- Preserves the enzymatic vitality and nutritional potential of ingredients

#### Not disassociated into isolated components

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

#### Degreed microbiologists and chemists in our on-site laboratories constantly 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

Dr. 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 synthetic nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to a synthetic or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Each capsule supplies 40 mg veal bone PMG™ extract, 35 mg betaine hydrochloride, and 30 mg ammonium chloride.

**Proprietary Blend:** Alfalfa flour, nutritional yeast, veal bone PMG™ extract, betaine hydrochloride, arrowroot flour, ammonium chloride, soy (bean), choline bitartrate, bovine liver, phosphoric acid, porcine stomach, calcium lactate, manganese glycerophosphate, bovine adrenal, magnesium citrate, bovine spleen, ovine spleen, licorice (root), defatted wheat (germ), inositol, allantoin, porcine brain, and ascorbic acid.

**Other Ingredients:** Gelatin, potassium citrate, water, calcium stearate, colors, potassium para-aminobenzoate, niacinamide, pyridoxal 5'-phosphate, and riboflavin 5'-phosphate.

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

**Sold to health care professionals.**

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 Ostarplex®.

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