## Rumaplex®

## Provides Natural Joint Support Through a Unique Combination of Vitamins, Minerals, and Phytonutrients

Our overall health and quality of life is related to the condition of our joints. If our joints are healthy, our bodies can move easily and we can enjoy the positive mental and physical benefits that go with mobility. We have many types of joints, and some can endure greater stress than others. The joints are where one bone meets another. Some joints are movable and some are not. There are two types of immovable joints—those that are absolutely stationary, like the bones in the skull, and those that can move slightly when necessary, like the pubic bones, which are bound together by strong fibrous cartilage with little flexibility. The movable joints include the ball and socket joints (hips and shoulders), hinge joints (elbows and knees), pivot joints (first and second vertebrae in the neck), and gliding joints (wrist and ankle). They are lined with smooth cartilage that is lubricated with a thick synovial fluid manufactured in the synovial membrane lining the joint. When we are active, our movable joints work hard every day. The greatest enemy of healthy joints is age and overuse.

## How Rumaplex Keeps You Healthy

#### Keeps bones and joints healthy

Rumaplex contains nutritional yeast, a source of B-complex vitamins, amino acids, and minerals. The B-complex vitamins, especially vitamin B5 or pantothenic acid, are vital to natural steroid production in the adrenal gland and help normalize the natural inflammatory joint response to exercise. Amino acids supply needed protein for natural tissue regeneration and vitamin E from whole grains, liver, and soy provides strong antioxidant protection to joint tissues essential for maintaining joint health. Silicon from carrot root helps maintain and rebuild connective tissue and form bone. Veal bone Protomorphogen<sup>TM</sup> extract provides connective tissue support and unique cell determinants to promote joint health. Protomorphogen<sup>TM</sup> and Cytosol<sup>TM</sup> extracts from several glands and organs help strengthen the body's immune response at the cellular level.<sup>†</sup>

#### Promotes calcium metabolism and absorption

Calcium is needed to keep bones and teeth strong and is required for muscle growth and contraction. But optimal calcium absorption relies on a number of cofactors, including the amino acid lysine, found in both soy and yeast. Vitamin D, found in carrots and veal bone, is needed for calcium utilization, and silicon from carrot root accelerates calcium absorption. Calcium lactate is a highly bioavailable form of calcium. Wheat germ provides vitamins E and B complexes plus calcium, magnesium, phosphorus, and several trace elements that help maintain bone density.†



Introduced in 1958

Content:

40 capsules

**Suggested Use:** Three capsules per meal, or as directed.

Supplement Facts:

Serving Size: 3 capsules Servings per Container: 13

	Amount per Serving	%DV
Calories	5	
Cholesterol	5 mg	2%
Vitamin A	775 IU	15%
Vitamin C	2.5 mg	4%
Calcium	34 mg	4%
Niacin	2.7 mg	15%

Proprietary Blend: 1,100 mg
Nutritional yeast, bovine bone, magnesium citrate, dried buckwheat (leaf) juice, buckwheat (seed), veal bone PMG<sup>TM</sup> extract, dried pea (vine) juice, betaine hydrochloride, bovine adrenal, soy (bean), bovine prostate Cytosol<sup>TM</sup> extract, defatted wheat (germ), oat flour, carrot (root), veal bone, bovine liver PMG<sup>TM</sup> extract, bovine spleen, ovine spleen, bovine liver, licorice (root), dried beet (leaf) juice, beet (root), rice (bran), manganese glycerophosphate, and enzymatically processed *Tillandsia usneoides* and beet (root).

Other Ingredients: Gelatin, calcium lactate, calcium glycerophosphate, water, potassium citrate, calcium stearate, colors, niacinamide, ascorbic acid, arabic gum, starch, sucrose (beets), and vitamin A palmitate.

Sold through health care professionals.

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# Rumaplex®

## What Makes Rumaplex Unique

#### **Product Attributes**

#### Multiple nutrients from a variety of plant and animal sources

- > The Protomorphogen<sup>™</sup> and Cytosol<sup>™</sup> extracts and bovine and ovine glands provide nutrients and offer tissue support to corresponding human organ tissues and provide multiple cellular determinants to promote tissue repair through appropriate immune response
- > Contains minerals and other nutrients that are vital to healthy skeletal tissue and supply the articulating surfaces of joints with optimal nutritional support
- Vitamins, minerals, and nutrients from plants and animal tissues work synergistically for maximum effect
- > Protomorphogen™ extracts provide important antigenic properties of nucleoprotein-mineral determinants that are the foundation of the product<sup>†</sup>

#### Certified Organic Farming

A healthy ecosystem is created by using organic farming techniques, such as rotating crops, fertilizing the soil with nutrient-rich cover crops and byproducts from our processing, practicing strict weed-control standards, and continually monitoring the health of our plants

- > Assures the soil is laden with minerals and nutrients
- Ensures plants are nutritionally complete and free from synthetic pesticides

## Manufacturing and Quality-Control Processes Upon harvesting, nutrient-rich plants are immediately washed and promptly processed

> Preserves nutritional integrity

#### Low-temperature, high-vacuum drying technique

> Preserves the enzymatic vitality and nutritional potential of ingredients

#### Not disassociated into isolated components

The nutrients in Rumaplex 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 Rumaplex®

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