# Vasculin<sup>®</sup>

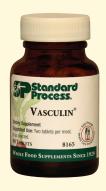
# Delivers Nutrition to the Entire Vascular System

The cardiovascular system consists of the heart and literally thousands of miles of blood vessels, which transport nutrients and other essential materials in the blood to the cells and waste products back to organs for elimination. The activity within the vascular system is never ending and most demanding. The heart is a large and busy muscle, only resting half of each cyclic heartbeat for every second of our lives. The blood vessels are in constant use delivering life-giving nutrients and cleaning up cellular metabolic debris. The nutritional need of the vascular system is high and realizes an even greater demand during certain activities and emotional times in our lives. The vascular system requires the type of nutritional substances that will strengthen the heart muscle and help keep vessels strong and pliable. Our busy schedules, preoccupation with fad diets, growing admiration for fast food convenience, and consuming foods that have lost vital nutrients from food processing techniques can compromise the body's need for substances that support a healthy vascular system. Vasculin is formulated to provide nutrients that will help keep the heart muscle strong and the vascular system healthy.<sup>†</sup>

# How Vasculin Keeps You Healthy

### Keeps the heart and blood vessels healthy

Each one of the natural whole food ingredients found in Vasculin satisfies some nutritional requirement of the cardiovascular system. The bovine heart and veal bone PMG™ extracts provide cytotrophic cellular material, the "blueprint" portion found in the nucleus. Nutritional yeast, unlike live baker's yeast, contains no live yeast cells that deplete both B vitamins and other vital nutrients from the yeast, leaving beneficial nutrients intact. Bovine liver and spleen and ovine spleen each provide multiple nutrients to support corresponding human organs. Inositol and choline help metabolize fats. Bovine adrenal Cytosol™ extract contributes acids, enzymes, hormone precursors, and steroid precursors to maintain the health of corresponding human tissue. Beets contain silicon to help keep vessels flexible and the heart muscle strong and healthy. Responsible for cellular renewal, ribonucleic acid (RNA) maintains healthy cells against normal wear and tear. Essential fatty acids, vitamin B complex, vitamin E, calcium, magnesium, phosphorus, and several trace minerals all found in wheat germ help keep the heart muscle strong and healthy. Buckwheat contains rutin, a bioflavonoid that helps strengthen capillary walls and maintain circulation.



#### Introduced in 1958

Content:

90 tablets

**Suggested Use:** Two tablets per meal, or as directed.

# **Supplement Facts:** Serving Size: 2 tablets

Servings per Container: 45

	per Serving	%DV
Calories	2	
Vitamin C	3.8 mg	6%
Vitamin E	1.1 IU	4%
Thiamine	0.3 mg	20%
Niacin	10.9 mg	50%
Vitamin B <sub>6</sub>	0.6 mg	30%
Vitamin B <sub>12</sub>	0.3 mcg	5%
Calcium	19.4 mg	2%

**Δ**mount

#### Proprietary Blend: 600 mg

Bovine heart PMG<sup>TM</sup> extract, nutritional yeast, veal bone PMG<sup>TM</sup> extract, rice (bran), bovine liver, beet (root), inositol, porcine duodenum, oat flour, defatted wheat (germ), dried pea (vine) juice, ribonucleic acid, bovine adrenal Cytosol<sup>TM</sup> extract, choline bitartrate, dried alfalfa (whole plant) juice, para-aminobenzoate, dried buckwheat (leaf) juice, buckwheat (seed), mushroom, alfalfa flour, bovine spleen, ovine spleen, and soybean lecithin.

Other Ingredients: Calcium citrate, calcium lactate, honey, niacinamide, ascorbic acid, calcium stearate, calcium phosphate, mixed tocopherols (soy), pyridoxine hydrochloride, cocarboxylase, and cyanocobalamin.

Two tablets supply approximately: 85 mg bovine heart PMG™ extract, 65 mg veal bone PMG™ extract, 20 mg pea vine juice, and 18 mg bovine adrenal Cytosol™ extract.

Sold through health care professionals.

# **Vasculin**®

# What Makes Vasculin Unique

#### **Product Attributes**

Contains bovine heart PMG<sup>™</sup> extract in combination with vitamin B and E complexes

> To support the healthy functioning of the heart muscle<sup>†</sup>

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

- > Bovine and ovine tissues provide cellular support and rehabilitation to the corresponding tissues in humans
- Vitamins, minerals, and nutrients from plants and animal tissues work synergistically for maximum effect<sup>†</sup>

### Contains Protomorphogen<sup>™</sup> extracts

- Standard Process uses a unique manufacturing method of deriving tissue cell determinants from animal glands and organs
- > Important antigenic properties of nucleoprotein-mineral determinants 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 Vasculin 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 w provide you in this publication about whole food ingredients. See the supplement facts for Vasculin®

- Balch J.F., Balch P.A. 1997. Prescription for Nutritional Healing. 2nd ed. Garden City Park, NY: Avery Publishing Group: 17-18, 28, 47-48, 51,
- DeCava J.A. 1997. Glandular Supplements. Nutrition News and Views 1(3): 1-10.
  Guyton A.C., Hall J.E. 1996. Textbook of Medical Physiology. 9th ed.
- Philadelphia, PA: W.B. Saunders Co: 886. Harrower H.R. 1922. Organotherapy in General Practice. 25. Husby S., et al. 1986. Passage of undergraded dietary antigen into the blood of healthy adults. Further characterization of the kinetics of uptake and the size distribution of the antigen. Scandinavian Journal of Immunology 24(4): 447-455.
  Levine S. 1997. Glandular Therapy, Art and Science of Regeneration.
- FOCUS 13-14.
- Prototo 13-14.
  Pitchford P. 1993. Healing With Whole Foods. Revised ed. Berkeley, CA:
  North Atlantic Books: 98-100, 122, 297-298, 322, 402-403, 422-429,
  432-433, 470, 497, 502, 528-529.
- 432-433, 410, 497, 1027, 2020-229.

  Balkin S.W. 1993. Effect of exogenous CDP-choline on choline metabolism in isolated adult rat ventricular myocytes under normoxic and hypoxic conditions. Cellular Biochemical Function 11(2): 137-143.
- Romero A.L., et al. 1998. Cookies enriched with psyllium or oat bran lowe plasma LDL cholesterol in normal and hypercholesterolemic men from Northern Mexico. *Journal of the American College of Nutrition* 17(6): 601-608.
- Schmid E. Stein J. 1967. Cell Research and Cellular Therapy. Thouse.
- Switzerland: Ott Publishers.

  Sozen A.B., et al. 1998. Autonomic dysfunction in vitamin B<sub>12</sub> deficiency: a heart rate variability study. Journal of the Autonomic Nervous System
- Tr(1): 29:27.
  Stard T.E., et al. 1979. Growth-stimulating factor in regenerating canine liver.
  Lancet 1(8108): 127-130.
  Tver D.F., Russell P. 1989. The Nutrition and Health Encyclopedia. 2nd
- ed. New York, NY: Van Nostrand Reinhold: 445-446.
  Wasser S.P., Weis A.L. 1999. Therapeutic effects of substances occurring in higher Basidiomycetes mushrooms: a modern perspective. Critical Review Immunology 19(1): 65-96.

