

# Emphaplex®

## Combines Vitamins, Minerals, and Glandular Nutrients to Support Respiratory System Health

Within a 24-hour span, approximately 500 cubic feet of air travels through the adult respiratory system. Each time we inhale and exhale, we have completed a respiration. The normal rate of respiration is between 12 breaths and 18 breaths per minute for an average adult. The respiratory system is comprised of the organs and tissues involved in taking oxygen into the body. Oxygen then combines with glucose in the cells to provide energy and releases the waste products from this chemical process (carbon dioxide) back out through the lungs. The respiratory system is divided into two main sections, the upper and lower respiratory systems. The upper respiratory system is made up of the nose and nasal cavity, ethmoidal air cells, frontal and maxillary sinuses, larynx, and trachea. The lower respiratory system contains the lungs, bronchi, and alveoli. The air we breathe in through our nose travels down the throat through our larynx (voice box) and trachea (windpipe). Air continues on to the bronchi, the two main air passages into the lungs. The bronchi break down into smaller bronchi and again into smaller tubes called bronchioles. The bronchioles contain the microscopic air sacs called alveoli where the actual gas exchange takes place. The oxygen from the air enters the blood and the carbon dioxide from the body returns to the air. The tissues that line the respiratory tract come into constant contact with all the various materials that exist in the air we breathe.

## How Emphaplex Keeps You Healthy

### *Supports respiratory health*

Vitamin A from oat flour, carrot, bovine liver, and alfalfa helps repair and maintain epithelial tissue that lines much of the respiratory tract and mucous membranes. Vitamin C from fenugreek, oat flour, and alfalfa aids in tissue growth and repair. Vitamins B<sub>1</sub> and B<sub>2</sub> from fenugreek, wheat germ, oat flour, and alfalfa promote healthy circulation and work together with vitamin A to maintain healthy mucous membranes. Vitamin B<sub>3</sub> from wheat germ, oat flour, carrot, bovine liver, nutritional yeast, and alfalfa support proper circulation.†

### *Strengthens the overall immune system*

The vitamins, minerals, and glandular components found in Emphaplex are combined to maximize protection to the respiratory system and boost the immune system. Vitamins A, C, D, and B<sub>6</sub> play primary roles in immune support. Bovine lung PMG™ extract provides materials, such as acids, enzymes, and hormone and steroid precursors, to support healthy tissue function. Vitamins A and C provide antioxidant protection to help protect the respiratory system from pollutants and insult from free radicals. Potassium, sodium, and vitamin B<sub>6</sub> work together to maintain proper fluid balance.†

*Please copy for your patients.*



Introduced in 1969

#### Content:

90 capsules

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

#### Supplement Facts:

Serving Size: 2 capsules

Servings per Container: 45

	Amount per Serving	%DV
Calories	6	
Cholesterol	5 mg	2%
Total Carbohydrate	1 g	<1%*
Vitamin A	3,925 IU	80%
Vitamin C	5.6 mg	10%
Vitamin D	102 IU	25%
Thiamine	0.1 mg	6%
Riboflavin	0.5 mg	30%
Niacin	4.2 mg	20%
Vitamin B <sub>6</sub>	0.3 mg	20%

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

#### Proprietary Blend: 1,180 mg

Fenugreek (seed), defatted wheat (germ), oat flour, soy (bean), bovine adrenal, bovine bone, carrot (root), bovine lung PMG™ extract, choline bitartrate, bovine liver, arrowroot flour, nutritional yeast, veal bone, okra (fruit), bovine adrenal PMG™ extract, porcine stomach, dried alfalfa (whole plant) juice, ribonucleic acid, calcium lactate, dried buckwheat (leaf) juice, buckwheat (seed), phosphoric acid, mushroom, dl-methionine, bovine spleen, ovine spleen, L-lysine mono-hydrochloride, glutamic acid, mixed tocopherols (soy), rice (bran), para-aminobenzoate, allantoin, soybean lecithin, porcine brain, and inositol.

Other Ingredients: Gelatin, water, colors, dicalcium phosphate, ascorbic acid, niacinamide, arabic gum, starch, sucrose (beets), vitamin A palmitate, riboflavin, pyridoxine hydrochloride, cocarboxylase, cholecalciferol, and calcium stearate.

Two capsules supply approximately: 240 mg fenugreek seed powder, 80 mg bone and veal bone, 70 mg bovine adrenal, 45 mg bovine lung PMG™ extract, and 20 mg bovine adrenal PMG™ extract.

**Warning:** Women who are pregnant, may become pregnant, or are lactating should limit their intake of vitamin A (retinol) and use vitamin A products only as directed by a qualified health care professional. Consumption of large amounts of vitamin A (retinol) has been linked to serious health problems.

**Caution:** If pregnant or lactating, consult your health care professional before using this product.

Sold through health care professionals.



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# Emphaplex<sup>®</sup>

## What Makes Emphaplex Unique

### Product Attributes

Combines a unique blend of fenugreek; the vitamin complexes of A, E<sub>2</sub>, and C; lung PMG™ extract; and adrenal tissue extract for a variety of nutritional benefits

- › Fenugreek stimulates healthy function of the sinuses and the bronchial tubes by functioning as a solvent to soften and dissolve accumulated mucus and phlegm
- › Vitamins A, E<sub>2</sub>, and C help support and maintain the respiratory and immune systems by reducing free radicals, maintaining proper epithelial tissue function, and promoting antibody production
- › Lung PMG™ extract supports the healthy function of the lungs by providing the specific antigenic factors of bovine lung, assisting in antibody production†

### 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†

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

- › Bovine, porcine, and ovine 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†

### 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 Emphaplex 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 Emphaplex<sup>®</sup>.

Anderson L.E. 1998. *Mostly's Medical, Nursing, & Allied Health Dictionary*. 5th ed. St. Louis, MO: Mosby: 1108-1109, 1366, 1410, 1427, 1608, 1716-1717.

Balch J.F., Balch P.A. 1997. *Prescription for Nutritional Healing*. 2nd ed. Garden City Park, NY: Avery Publishing Group: 13-19, 27-28.

Carola R., et al. 1995. *Human Anatomy and Physiology*. 3rd ed. New York, NY: McGraw-Hill: 874-877.

Felix B. 1995. *Nutrition and Health, Topics and Controversies*. Boca Raton, FL: CRC Press: 167.

Folkers K., et al. 1993. The activities of coenzyme Q<sub>10</sub> and vitamin B<sub>12</sub> for immune responses. *Biochem Biophys Res Commun* 193(1): 88-92.

Madigan S.M., et al. 1998. Riboflavin and vitamin B<sub>12</sub> intakes and status and biochemical response to riboflavin supplementation in free-living elderly people. *American Journal of Clinical Nutrition* 68(2): 389-395.

Penn N.D., et al. 1991. The effect of dietary supplementation with vitamins A, C and E on cell-mediated immune function in elderly long-stay patients: A randomized controlled trial. *Age and Aging* 20(3): 169-174.

Pitchford P. 1993. *Healing With Whole Foods*. Revised ed. Berkeley, CA: North Atlantic Books: 122, 206-210, 298.

Additional references available upon request.

