

Cataplex® A-C

Supports Immune Function and Maintains Healthy Epithelial and Connective Tissues

The whole food ingredients in Cataplex A-C boost the immune system by providing vitamin complexes A and C as well as important antioxidants from carrot root. Cataplex A-C also contains whole foods such as alfalfa flour, dried alfalfa juice, mushroom, and dried buckwheat leaf juice. Cataplex A-C contains essential amino acids from veal bone to support immune function and tissue maintenance and repair. Together, these amino acids, vitamin complexes, and antioxidants work in concert to support healthy immune function and proper maintenance and support of epithelial tissues.†

How Cataplex A-C Keeps You Healthy

Supports healthy tissue maintenance

Studies reveal that vitamin C is required for connective-tissue support and maintenance. The branched amino acids, isoleucine, leucine, and valine, are used for immediate energy needs in muscle tissue and support muscle, bone, and skin tissue. Lysine is a necessary building block for all proteins and is needed for proper growth and bone development in children. Lysine also helps in the formation of collagen, which is crucial to the support and health of muscle tissue, and aids calcium absorption. It also supports the natural production of antibodies, hormones, and enzymes. Threonine, found in the heart, skeletal muscle, and central nervous system, is important to collagen and elastin.†

Enhances immune response

Vitamin C has demonstrated the ability to increase the immune response of some cells. Clinical evidence supports the belief that vitamin C is intimately involved in immune function and response.†

Components of carrot root are thought to promote healthy cellular function by protecting DNA from oxidation. Research suggests that the antioxidant activity in carrots is due to naturally occurring lycopene, alpha- and- beta carotene, and lutein. Animal studies have found that extracts from carrots and tomatoes affect biochemical and cellular events. Histidine is necessary for the production of red blood cells, white blood cells, and myelin sheath around neurons. Histidine is also the precursor for histamine, an important immune system protein.†

Please copy for your patients.



Introduced in 1950

Content:

90 tablets

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

Supplement Facts:

Serving Size: 2 tablets

Servings per Container: 45

	Amount per Serving	%DV
Calories	3	
Vitamin A	1,500 IU	30%
Vitamin C	11 mg	20%

Proprietary Blend: 490 mg

Carrot (root), echinacea (root), calcium lactate, bovine adrenal, bovine kidney, nutritional yeast, magnesium citrate, alfalfa flour, dried alfalfa (whole plant) juice, mushroom, dried buckwheat (leaf) juice, buckwheat (seed), bovine bone, defatted wheat (germ), oat flour, soybean lecithin, veal bone, mixed tocopherols (soy), rice (bran), and carrot oil.

Other Ingredients: Honey, ascorbic acid, calcium stearate, arabic gum, starch, sucrose (beets), and vitamin A palmitate.

Two tablets supply approximately:

120 mg carrot powder, 65 mg echinacea-root powder, 45 mg bovine adrenal, and 45 mg bovine kidney.

Caution: Contraindicated in known allergy to plants of the daisy family.

Sold through health care professionals.



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Cataplex[®] A-C

What Makes Cataplex A-C Unique

Product Attributes

Ingredients are derived from whole food sources

- › Carrot and veal bone provide naturally occurring antioxidants, vitamins, and amino acids[†]

Multiple nutrients from a variety of plant and animal sources

- › Bovine adrenal and kidney provide glandular support
- › Carrots, echinacea, alfalfa, mushroom, and buckwheat provide antioxidants and immune system support[†]

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 Cataplex A-C 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 Cataplex[®] A-C.

- Anderson L.E. 1998. *Mosby's Medical, Nursing, & Allied Health Dictionary*. 5th ed. St. Louis, MO: Mosby; 131.
- Balch J.F. 1997. *Prescription for Nutritional Healing: A Practical A to Z Reference to Drug-free Remedies Using Vitamins, Minerals, Herbs & Food Supplements*. 34-42.
- Berdanier C.D. 1995. *Advanced Nutrition Micronutrients*. Boca Raton, FL: CRC Press; 22-37.
- Carrots - General Introduction. Purdue University, Horticulture 410. Online. 7 Feb 2000.
- Clayton T.L. 1983. *Taber's Cyclopedic Medical Dictionary*. 14th ed. Philadelphia, PA: F.A. Davis Company; 63.
- Duke J. USDA - ARS - NGR. Phytochemical and Ethnobotanical database. Beltsville, MD: Beltsville Agricultural Research Center. Online. 8 Feb 2000.
- Flodin N.W. 1997. The Metabolic Roles, Pharmacology, and Toxicology of Lysine. *J Am Coll Nutr* 16(1): 7-21.
- Fugh-Berman A., Cott J.M. 1999. Dietary Supplements and Natural Products as Psychotherapeutic Agents. *Psychosom Med* 61(5): 712-728.
- Guedon C., et al. 1996. Does chronic supplementation of the diet with dietary fiber extracted from pea or carrot affect colonic motility in man? *Br J Nutr* 76: 51-61.
- Kreis W. 1979. Tumor Therapy by Deprivation of L-methionine: Rationale and Results. *Cancer Treat Rep* 63(6): 1069-1072.
- Laidlaw S.A., Koppie J.D. 1987. Newer Concepts of the Indispensable Amino Acids. *Am J Clin Nutr* 46(4): 593-605.
- Linder M., et al. 1995. Protein Recovery from Veal Bones by Enzymatic Hydrolysis. *Journal of Food Science - Chicago* 60(5): 949.
- Linder M., et al. 1996. Functional properties of veal bone hydrolysates. *Journal of Food Science - Chicago* 61(4): 712-716.
- Linder M., et al. 1997. Nutritional value of veal bone hydrolysate. *Journal of Food Science - Chicago* 62(1): 183-189.
- Mejia L.A. 1978. Is Histidine Essential for the Adult Man? A Review. *Arc Latinoam Nutr* 28(2): 143-151.
- Mero A. 1999. Leucine Supplementation and Intensive Training. *Sports Med* 27(6): 347-358.
- Sardesai V.M. 1998. *Introduction to Clinical Nutrition*. New York, NY: Marcel Dekker, Inc; 220-229.
- Scheider W.L. 1983. *Nutrition, Basic Concepts and Applications*. New York, NY: McGraw-Hill Book Company; 14, 182, 188, 198-200, 205, 207-209, 232, 265, 280, 308-309, 327, 330.
- Schneider-Helmer D., Spinweber C.L. 1986. Evaluation of L-tryptophan for Treatment of Insomnia: A Review. *Psychopharmacology (Berl)* 89(1): 1-7.
- Schuchert W. Carrot (*Daucus carota* L.). <http://www.mpiz-koeln.mpg.de>. Online. 9 Feb 2000.
- Shils M.E., Young V.R. 1988. *Modern Nutrition in Health and Disease*. 7th ed. Philadelphia, PA: Lea & Febiger; 292-310, 417-431.
- West Sutor C.J., Forbes-Crowley M. 1984. *Nutrition, Principles and Application in Health Promotion*. 2nd ed. Philadelphia, PA: J.B. Lippincott Company; 42-43.
- Young V.R. 1994. Adult Amino Acid Requirements: The Case for a Major Revision in Current Recommendations. *J Nutr* 124: 1517S-1523S.

