

Iodomere®

Helps Maintain Healthy Thyroid, Immune, and Cellular Function

Iodine is a trace element and an essential micronutrient, necessary for endocrine efficiency, normal growth, and cellular function. Iodomere is one of three Standard Process products that contain iodine and falls between Trace Minerals-B₁₂™ and Prolamine Iodine in iodine content. Iodomere also contains echinacea, which is important in supporting immune function and tissue maintenance. Carrot root, also contained in Iodomere, provides a natural source of beta carotene, as well as several antioxidants and nutrients that are important to cellular, thyroid, and immune function.†

How Iodomere Keeps You Healthy

Supports healthy thyroid function

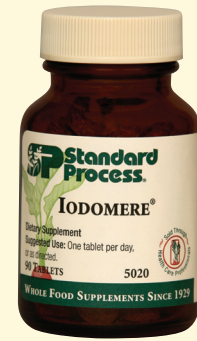
Iodine is an essential element for the formation of the thyroid hormones thyroxine and triiodothyronine. These hormones are necessary for boosting the rate at which oxygen and organic molecules are consumed to produce energy and heat. Although only very small amounts of iodine are necessary for normal health, iodine supplementation is, nevertheless, important. The body cannot store iodine, so it must be ingested regularly to support thyroid hormone production. Normal thyroid function is necessary for maintaining the skeletal and central nervous systems. Thyroid hormones also play a key role in the growth rate of the body, water balance, and numerous other physiological processes.†

Promotes healthy cellular function

Proper iodine levels help keep the thyroid healthy, which in turn, helps maintain normal growth and development in children, both physically and mentally. Iodine also supports reproductive capability and indirectly stimulates protein synthesis. Iodomere contains carrot root, which supports cellular function by providing antioxidant protection in the form of a variety of naturally occurring vitamins and nutrients. Echinacea helps maintain healthy skin and supports the natural regeneration process.†

Maintains healthy immune function

Iodomere helps stimulate the immune response by increasing the protective power of certain immune cells. These immune cells engulf and digest microorganisms, along with any cellular debris. Studies suggest that echinacea stimulates interleukin, interferon, and T-cell proliferation.†



Introduced in 1964



Content:
90 tablets

Suggested Use: One tablet per day, or as directed.

Supplement Facts:

Serving Size: 1 tablet

Servings per Container: 90

	Amount per Serving	%DV
Calories	2	
Iodine	200 mcg	130%

Proprietary Blend: 365 mg

Conch (*Strombus gigas*) (shellfish), carrot (root), bovine liver, and echinacea (root).

Other Ingredients: Honey, prolamine iodine (zein), and calcium stearate.

Each tablet supplies approximately: 160 mg conch (*Strombus gigas*).

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

Sold through health care professionals.

Please copy for your patients.

GF This product contains less than 10 parts per million of gluten per serving size or less than 20 parts per million per the suggested use listed on each product label.

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



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Iodomere®

What Makes Iodomere Unique

Product Attributes

Multiple nutrients from a variety of plant, animal, and shellfish sources

- › Each tablet supplies approximately 160 mg conch (*Strombus gigas*), which provides a natural source of protein
- › Carrot root provides naturally occurring antioxidants, vitamins, and beta carotene
- › Bovine liver is a great storehouse of vitamins, minerals, and nutrients
- › Vitamins, minerals, and nutrients from plants, animal tissues, and conch work synergistically for maximum effect†

Manufacturing and Quality-Control Processes

Low-temperature, high-vacuum drying technique

- › Preserves the enzymatic vitality and nutritional potential of ingredients

Not disassociated into isolated components

- › The nutrients in Iodomere 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 Iodomere®.

Abalhusain M.A., et al. 1999. Retinol, alpha-tocopherol and carotenoids in diabetes. *Eur J Clin Nutr* 53(8): 630-635.

Anderson L.E. 1998. *Mosby's Medical, Nursing, & Allied Health Dictionary*. 5th ed. St. Louis, MO: Mosby—Year Book Inc: 871.

Bishayee A., et al. 1995. Hepatoprotective activity of carrot (*Daucus carota L.*) against carbon tetrachloride intoxication in mouse liver. *J Ethnopharmacol* 47(2): 69-74.

Carola R., et al. 1995. *Human Anatomy and Physiology*. 3rd ed. McGraw-Hill Inc: 559.

Carrot (*Daucus carota L.*). Available at www.mpiz-koeln.mpg.de. Accessed Feb 9, 2000.

Delange F. 1993. Requirements of iodine in humans. *NATO-ASI-Ser-ser-A-Life-Sci* 241: 5-15.

Delange F. 1994. Nicorandil: The disorders induced by iodine deficiency. *Thyroid* 4(1): 107-128.

Delange F. 1995. Iodine deficiency in Europe. *Cas Lek Cask* 134(2): 35-43.

Delange F. 1998. Screening for congenital hypothyroidism used as an indicator of the degree of iodine deficiency and of its control. *Thyroid* 8(12): 1185-1192.

Duke J. Phytochemical and Ethnobotanical Database. *USDA – ARS – NGR*. Beltsville, MD: Beltsville Agricultural Research Center: Accessed online Feb 8, 2000.

Guyton A.C., Hall J.E. 1997. *Human Physiology and Mechanisms of Disease*. 6th ed. W.B. Saunders Company: 607-614.

Hayes R.B., et al. 1988. Serum retinol and prostate cancer. *Cancer* 62(9): 2021-2026.

Health benefits in food, not supplements. Report 6553. Available at: www.medicaltalk.com. Accessed July 10, 1995.

Heinonen P.K., et al. 1987. Serum vitamins A and E and carotene in patients with gynecologic cancer. *Arch Gynecol Obstet* 241(3): 151-156.

Hetzl B.S. 1993. The iodine deficiency disorders. *NATO-ASI-Ser-ser-A-Life-Sci* 241: 25-31.

He Y., et al. 1997. Effects of carotenoid-rich food extracts on the development of preneoplastic lesions in rat liver and on *in vivo* and *in vitro* antioxidant status. *Nutr Cancer*: 27(3): 238-244.

Katsouyanni K., et al. 1986. Diet and breast cancer: a case-control study in Greece. *Int J Cancer* 38(6): 815-820.

Longnecker M.P., et al. 1997. Intake of carrots, spinach, and supplements containing vitamin A in relation to risk of breast cancer. *Cancer Epidemiol Biomarkers Prev* 6(11): 887-892.

McDowell L., Parkey B. 1995. Iodine deficiencies result in need for supplementation. *Feedstuffs* 67(42): 15,18.

Medicinal Plants, Their Role in Health and Biodiversity. 1998. Philadelphia: University of Pennsylvania Press: 58-60, 62, 66, 99, 105, 117-18.

Omene J.A., et al. 1996. Serum beta-carotene deficiency in HIV-infected children. *J Natl Med Assoc* 88(12): 789-793.

Pennington J.A.T. 1988. Iodine. *Journal: Trace minerals in foods*: 249-289.

Pool-Zobel B.L., et al. 1997. Consumption of vegetables reduces genetic damage in humans: first results of a human intervention trial with carotenoid-rich foods. *Carcinogenesis* 18(9): 1847-1850.

Roesler J., et al. 1991. Application of purified polysaccharides from cell cultures of the plant *Echinacea purpurea* to mice mediates protection against systemic infections with *Listeria monocytogenes* and *Candida albicans*. *International Journal of Immunopharmacology* 13(1): 27-37.

Roesler J., et al. 1991. Application of purified polysaccharides from cell cultures of the plant *Echinacea purpurea* to test subjects mediates activation of the phagocyte system. *International Journal of Immunopharmacology* 13(7): 931-941.

Russell P., Tver D.F. 1989. *The Nutrition and Health Encyclopedia*. 2nd ed. New York: Van Nostrand Reinhold: 284.

Shils M.E., Young V.R. 1988. *Modern Nutrition in Health and Disease*. 7th ed. Lea & Febiger: 227-236.

Speizer F.E., et al. 1999. Prospective study of smoking, antioxidant intake, and lung cancer in middle-aged women (USA). *Cancer Causes Control* 10(5): 475-482.

Tubaro A., et al. 1987. Anti-inflammatory activity of a polysaccharide fraction of *Echinacea angustifolia*. *Journal of Pharmaceutical Pharmacology* 39(7): 567-569.

Wald N.J., et al. 1988. Plasma retinol, beta-carotene and vitamin E levels in relation to the future risk of breast cancer. *Br J Cancer* 57(2): 235.

Wilson E.D., et al. 1965. *Principles of Nutrition*. 2nd ed. New York: John Wiley and Sons, Inc: 165-177.

