

Prolamine Iodine

6930

Please Copy for Your Patients

Prolamine Iodine Contains 3 mg of Iodine and 20 mg of Calcium—a Nutritionally-Based Answer for Healthy Serum Iodine Levels

Iodine is a trace element and an essential micronutrient. Almost 80 percent of the body's iodine content resides in the thyroid gland where its sole function is to form part of the two important thyroid hormones—thyroxine and triiodothyronine. These hormones influence the rate of metabolism and are necessary for regulation of normal growth and development. During our entire lifetime, we only require a little more than a teaspoonful of iodine, but since the body does not store iodine, we need to consume it regularly to support consistent thyroid hormone production. The body is able to absorb iodine in both the organic and inorganic state, both readily available in a normal, well-balanced diet. Iodine is found in iodized salt, water, oysters, fish, beef, pork, eggs, bread, dairy products, apples, cranberries, and many vegetables. As with many other nutrients, young adults and pregnant or lactating women may require somewhat greater iodine intake to meet their unique nutritional needs.†

How Prolamine Iodine Keeps You Healthy

Boosts serum iodine levels

Failure to eat a well-balanced diet can result in loss of essential vitamins, minerals, and other vital nutrients, including iodine. Prolamine Iodine contains 3 mg of iodine per tablet to help your body maintain a healthy serum iodine level. Prolamine Iodine is most beneficial when used as a short-term mechanism to support serum iodine levels. In the long run, a well-balanced diet is the best way to maintain healthy levels of all nutrients, including iodine.†

Supports normal growth and development

The sole purpose for iodine in the body is to facilitate formation of thyroxine and triiodothyronine. These hormones cannot be formed without it. Triiodothyronine is the hormone intimately involved in the regulation of normal growth and development, and it is produced from the metabolism of thyroxine, which contains four atoms of iodine per molecule. These two hormones help keep young bodies and minds growing and developing at a healthy rate.†

Supports a healthy metabolic rate

The thyroid hormones boost the rate at which the body's cells use oxygen and organic molecules to produce energy and heat. They are directly and indirectly involved with the growth and maintenance of the skeletal and nervous systems. The thyroid hormones stimulate different types of cells to perform their specific functions, such as protein synthesis, water balance, and many other physiological processes. Without iodine, this would not be possible.†



Introduced in:

1952

Content:

90 Tablets

Supplement Facts:

Serving Size: 1 tablet
Servings per Container: 90

		%DV
Calories	1	
Calcium	20 mg	2%
Iodine	3 mg	2,000%

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

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What Makes Prolamine Iodine Unique

Unique Product Attributes

This is a vegetarian product

A distinctive product that contains iodine

- Prolamine iodine is bound to zein, a protein derived from corn
- To help maintain healthy iodine levels, support thyroid hormone production, and maintain a healthy serum iodine level†

The calcium lactate in Prolamine Iodine is from a pure-vegetable source

- Not derived from a dairy source

Degreed microbiologists and chemists in our on-site laboratories constantly 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

Dr. 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 synthetic nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to a synthetic or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Ingredients: Calcium lactate, magnesium citrate, prolamine iodine (zein), cellulose, and calcium stearate.

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

Caution: Individuals sensitive to iodine should not consume this product.

Sold to health care professionals.

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 Prolamine Iodine.

Balch J.E., Balch P.A. 1997. *Prescription for Nutritional Healing*. 2nd ed. Garden City Park, NY: Avery Publishing Group: 6, 8, 25.

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

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 Cesk* 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.

Freitas J.E. 2000. Therapeutic options in the management of toxic and nontoxic nodular goiter. *Semin Nucl Med* 30(2): 88-97.

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

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

Mahomed K., Gulmezoglu A.M. 2000. Maternal iodine supplements in areas of deficiency. *Cochrane Database System Review* 2: CD000135.

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

Mosby's Medical, Nursing, & Allied Health Dictionary. 5th ed. 1998. Mosby—Year Book Inc: 871, 1616-1618, 1654.

Pennington J.A.T. 1988. Iodine. *Trace minerals in foods*. New York: M. Dekker: 249-289.

Pitchford P. 1993. *Healing with Whole Foods*. Revised ed. Berkeley, CA: North Atlantic Books: 356.

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.

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