



## BioAlkalizer

Serving Size 5 gm

Servings Per Container 48

Amount Per Serving

Vitamin C (Magnesium ascorbate, Potassium ascorbate, Sodium ascorbate & Calcium ascorbate)	250 mg
Zinc (Glycinate)	2 mg
Selenium (Selenomethionine)	10 mcg
Rubidium (Carbonate)	50 mcg
Magnesium (Ascorbate & Carbonate)	16 mg
Potassium (Ascorbate & Bicarbonate)	35 mg
Cesium (Carbonate)	20 mg
Rye Grass	1000 mg
Barley Grass	1000 mg
Blue Green Algae	1300 mg
Sea Kelp Powder	100 mg
Bee Pollen Powder	500 mg
Xylitol	2000 mg

**SUGGESTED DOSE:** As a dietary supplement, add 1 tsp to 8 ounces of pure water or juice and drink immediately. Best taken on an empty stomach. Dosage may vary from 1 to 3 teaspoons per day or as directed by your healthcare professional.

# BIO ALKALIZER

A BLEND OF GREENS, MACRO/TRACE MINERALS AND ASSOCIATED FOOD FACTORS THAT ENHANCE THE BODY'S ACID/ALKALINE REGULATION PROCESS.

- Beneficial Green Foods for superior nutrition
- Super Blue-Green algae and Bee pollen for high energy and overall vitality
- Sea kelp for trace mineral support
- Alkalinizing macro and micro minerals

**BIO ALKALIZER** is an all-natural blend of greens from cereal grasses and blue-green algae, macro and trace minerals and associated food factors that enhance the body's acid/alkaline regulation process. As such, Bio Alkalizer supplies whole food factors and micronutrients not found in isolated vitamin or mineral concentrates.

**VITAMIN C (MINERAL ASCORBATES)** provides an easily absorbable form of ascorbic acid essential for cellular antioxidant support. Mineral ascorbates are buffered forms of vitamin C, which will not acidify the body.

**ZINC (GLYCINATE)** is involved in more than 200 zinc dependent metalloenzymes. These enzymes are involved in nucleic acid and protein metabolism and the production of energy. Zinc has immune modulating activity.

**SELENOMETHIONINE** has antioxidant activity. It may have activity in detoxification of some metals and other xenobiotics. Selenium enhances the production of selenium dependent glutathione peroxidases (GSHPx). Glutathione peroxidases have detoxification properties and antioxidant functions. Selenium helps protect cell membranes and vital cell structures from damage. By regulating free radicals and inflammatory mediators, selenium has anti-inflammatory effects. Daily adult intake of less than 900 mcg is unlikely to result in any adverse reactions. Daily intake (adult) of greater than 1000 mcg may cause adverse reactions.

**RUBIDIUM (CARBONATE) AND CESIUM (CARBONATE)** are natural trace minerals that show remarkable ability to transport across cell membranes and favorably alkalinize acid by products of cellular metabolism.



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## REFERENCES:

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**CALCIUM (ASCORBATE), MAGNESIUM (ASCORBATE & CARBONATE) & POTASSIUM (ASCORBATE & CARBONATE)** have been recognized as alkaline ash macro minerals. These minerals help to alkalize acid waste products of our metabolism. As such, they help the body maintain an ideal pH balance.

**CEREAL RYE GRASS** has been shown to contain sterols and sterolins which support a healthy T Helper 1 and T Helper 2 cell balance and function. Anecdotal evidence suggests that RGE (Rye Grass Extract) may have in vivo effects including promotion of wound-healing, improved immune responses and a sense of general well being. These anecdotes have been supported by recent studies including immunomodulatory actions (Rubin & Levine (2001)), anxiolytic and sedative effect (Stough et al (2002)), and beneficial effect on restricted airway function (Cooper et al (2002)).

**BARLEY GRASS** has been shown to possess potent antioxidant benefits due to the enzyme superoxide dismutase it contains. It, like other green foods, is an excellent source of chlorophyll with a long history of reported health benefits. The Japan Cancer Institute is researching Green Barley for possible anti-neoplastic activity. Analysis has shown green barley essence to be highly alkaline due to its rich source of enzymes, minerals, vitamins and vegetable proteins.

**BLUE GREEN ALGAE** has been touted as the food of the future. It is a valuable source of complete protein, essential amino acids, minerals, vitamins, fatty acids, chlorophyll, and also vitamin B12. The amino acid balance of BGA appears to facilitate the manufacture of neurotransmitters. BGA appears to have beneficial effects on liver function, blood sugar balance, appetite control, soothing and repairing inflamed mucosal surfaces, fatigue, energy production, etc. Several of the algae have shown promise in enhancing the clearance of heavy metals (e.g. cadmium, lead and mercury). Since Chernobyl, spirulina (a type of BGA) has been used in Russia to counter radiation sickness by boosting the immune system, especially in children.

**SEA KELP** perhaps is best known as a valuable source of vegetable-protein-bound organic trace minerals. However, it is also an excellent source of protein and vitamins. Kelps have been used traditionally for many health maladies, with reported benefits in energy, health and vitality.

**BEE POLLEN** contains proteins, carbohydrates and fats, along with enzymes and trace elements. Bee Pollen extract has been used to enhance health and vitality for many generations. Individuals hypersensitive to bee pollens should avoid bee pollen.