

**Ask Your Healthcare Professional  
About These Products for  
Nutritional Support**



*Osteo-B Plus*

**GlucoBalance®** - Healthy glucose levels depend on the presence of a wide range of micronutrients. The typical American diet, high in refined and processed foods, is often lacking adequate levels of these important nutrients. In addition, individuals with blood sugar disorders may have a special dietary need for higher amounts of micronutrients supplied by **GlucoBalance®**

**ChondroSamine Plus®** - Connective tissues, like those found in joints, require adequate supplies of important nutrient building blocks to maintain their integrity. This is especially true following injury, or for those with chronic conditions such as osteoarthritis. **ChondroSamine Plus®** supplies a wide array of essential key nutrients, including forms that are unique to Biotics Research Corporation.

**Bio-Multi Plus™** is a versatile, balanced multiple vitamin and mineral supplement supplying unique forms of important nutrients available exclusively from Biotics Research Corp. Available in three versions: **Bio-Multi Plus™**, **Bio-Multi Plus™ Iron Free**, and **Bio-Multi Plus™ Iron & Copper Free**. Ask your clinician which formula is right for you.

**BioProtect™** supplies potent, broad-spectrum antioxidant support. Antioxidants have the ability to "scavenge" free radicals and inhibit their chain reactions. The multitude of antioxidants provided by **BioProtect™** play various roles and act in synergy to support the body's natural defense mechanisms.

**Biomega-3™** Essential fatty acids are necessary dietary nutrients and perform multiple functions. They are key to maintaining cell membrane integrity and impact most physiological functions, including inflammation and even pain. **Biomega-3™** from Biotics Research Corporation supplies the cleanest source of omega-3 fatty acids, tested for purity in our own state-of-the-art laboratories.

**Intenzyme Forte™** is an outstanding and highly effective proteolytic enzyme formulation. It offers an effective treatment for muscle soreness and discomfort due to the rigors of overexertion. **Intenzyme Forte™** supplies important enzymes that offer additional benefits, including support for the immune system, hormone processing, circulatory system, and digestive system.

**B12-2000™** is a flavorful lozenge supplying sublingually absorbed B12, with folic acid and B6, nutrients negatively impacted by oral contraceptive use. **B12-2000™** provides nutrients that not only protect against neural tube defects, but also suppress homocystine levels in men and women.

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



**For more information, consult your  
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**Comprehensive  
Nutritional  
Support for  
Bone Health**



**Multi-Nutrient Support**  
from Biotics Research Corporation

# Why Osteo-B Plus®?

**Osteo-B Plus®** supplies a wide array of essential and important nutrients to assist in preserving existing bone mineral mass and protein matrix and to support repair mechanisms. They include:

**Calcium** is supplied in the highly bioavailable citrate form, which is especially important for those having difficulty absorbing calcium due to conditions associated with low stomach acid (such as hypochlorhydria).

**Magnesium**, a co-factor for key enzymes in bone, is necessary for remodeling and is involved in converting vitamin D to its active hormone form. In osteoporotic women, abnormal mineralization has been correlated with low magnesium levels. Magnesium supplementation, when combined with calcium, may increase bone mineralization.

**Manganese** is required for the synthesis of connective tissue chondroitin sulfates that form the matrix upon which mineral deposition occurs. An important article published by the American Chemical Society states that osteoporotic women were found to have only 25% of the manganese levels found in normal controls.

**Zinc** enhances the action of vitamin D and is a co-factor for alkaline phosphate, an important enzyme found in bone. Published research reveals low levels of serum and bone zinc in osteoporotic patients. Typical diets supply less than the optimal levels of zinc.

**Copper** is a co-factor for the enzyme that forms cross-links between collagen in connective tissue. Collagen is laid down to establish a protein matrix for mineralization. Copper deficiency may lead to abnormal bone deposition.

**Boron** affects the actions of hormones associated with bone health. Research shows that boron deprivation increases the excretion of calcium. Normalization of steroidal hormone levels, closely related to bone mineralization, are seen in postmenopausal women following daily supplementation with boron.

**Vitamin D**, a fat-soluble vitamin, is micro-emulsified for enhanced bioavailability and regulates calcium absorption. Inadequate vitamin D levels can lead to calcium deficiencies and soft bones (a condition known as osteomalacia). Low vitamin D levels are common in women over 40.

**B-Complex vitamins** function as co-enzymes in metabolic pathways that provide energy and building blocks from foods. Shortages of these key nutrients impair healing and repair by connective tissues and bone turnover.

**Silicon**, provided from an exceptionally rich botanical source, is required for the structural integrity of connective tissue and bone strength.

**Vitamin K**, also a fat-soluble vitamin, is required for the synthesis of osteocalcin, the bone protein that attracts calcium to bone tissue. Important research published in the *Annals of Internal Medicine* stated that supplemental vitamin K reduced calcium excretion by up to 50% in individuals with osteoporosis. **Osteo-B Plus®** supplies vitamin K as a micro-emulsion for enhanced uptake. This is very important, as maldigestion is a common cause of vitamin K deficiency.

**Vitamin C** is required by hydroxyamino acids which form cross-links with collagen and elastin in mature connective tissue and matrix. One study found that 20% of elderly women were deficient in vitamin C, even though they consumed 100% (60 mg) of the Recommended Daily Intake (RDI).

**Purified Chondroitin Sulfates** are glycosaminoglycans found in connective tissue, such as cartilage. Chondroitin sulfates occur in bone where they initiate bone formation. **Osteo-B Plus®** supplies highly purified chondroitin sulfates which can be readily absorbed.



# Preserves Existing Mineral Mass & Protein Matrix

Bone is a dynamic tissue that requires adequate nutrition for maintenance and growth. Maintaining a healthy balance between bone building and bone dissolution is dependent on adequate supplies of distinct nutrients.

Osteoporosis is a condition associated with the abnormal reduction of bone density resulting from the excessive loss of bone minerals, most notably calcium, often leading to fractures of the spine, vertebrae, and hips. While men are also affected, osteoporosis primarily affects women.

We all know the importance of calcium in preventing osteoporosis. Interestingly, published data shows the majority of those suffering from osteoporosis are not necessarily calcium-deficient! Evidence clearly supports the view that multiple nutrients are essential to support a healthy skeletal system.

| Supplement Facts                           |                    |               | Servings Per Container: 30  |                    |               |
|--|--------------------|---------------|---|--------------------|---------------|
|  | Amount Per Serving | % Daily Value |   | Amount Per Serving | % Daily Value |
| Vitamin C (ascorbic acid)                  | 120 mg             | 200%          | Zinc (as zinc gluconate)  | 5 mg               | 33%           |
| Vitamin D (as cholecalciferol)             | 200 IU             | 50%           | Copper (as copper gluconate)  | 2 mg               | 100%          |
| Vitamin K (as phytonadione)                | 65 mcg             | 81%           | Manganese (as manganese gluconate)  | 5 mg               | 250%          |
| Thiamin (B1) (as thiamin mononitrate)      | 1.5 mg             | 100%          | Purified Chondroitin Sulfate (bovine)   | 200 mg             | *             |
| Riboflavin (B2)                            | 1.7 mg             | 100%          | Boron (as calcium borogluconate)  | 3 mg               | *             |
| Niacin (as niacinamide)                    | 20 mg              | 100%          | Silicon (from Saccharum officinarum extract)  | 100 mcg            | *             |
| Vitamin B6 (as pyridoxine hydrochloride)   | 2 mg               | 100%          | *Daily Value not established.   |                    |               |
| Folic Acid                                 | 400 mcg            | 100%          | Other ingredients: Stearic acid (vegetable source) and magnesium stearate (vegetable source). |                    |               |
| Vitamin B12 (as cobalamin)                 | 6 mcg              | 100%          | NDC# 55146-01500 Rev. 8/08  |                    |               |
| Biotin                                     | 300 mcg            | 100%          |   |                    |               |
| Pantothenic Acid (as calcium pantothenate) | 10 mg              | 100%          |   |                    |               |
| Calcium (as calcium citrate)               | 500 mg             | 50%           |   |                    |               |
| Magnesium (as magnesium oxide)             | 200 mg             | 50%           |   |                    |               |

**Recommendation:** Three (3) tablets each day as a dietary supplement or as otherwise directed by your healthcare professional.

**Caution:** Not recommended for pregnant women.



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