

## Bone Support Prime

Comprehensive Support for Healthy Bone Function & Integrity\*

### Bone Support Prime Supplementation

NutriDyn Bone Support Prime is a natural dietary supplement formulated with microcrystalline hydroxyapatite concentrate, providing bioavailable calcium and phosphorus for supporting bone function, bone integrity, healthy teeth, and other physiological processes.\*<sup>1</sup> This supplement takes the original Bone Support formula to a new level with the inclusion of vitamin D3 (as cholecalciferol) as well as ipriflavone to support bone mineral density, promote new bone formation, and encourage healthy calcium absorption.\* Clinical research cited herein suggests the benefits of Bone Support Prime supplementation may include:

- Supports bone function and integrity\*
- Supports new bone formation\*
- May reduce the risk of bone loss\*
- Supports healthy teeth\*
- Supports healthy calcium levels and absorption\*
- Supports healthy vitamin D status\*



### How Bone Support Prime Works

Bone Support Prime is formulated with the optimal form of calcium for the body from MCHC.\*<sup>4</sup> Bones contain more calcium than any other organ in the human body (about 99% of the calcium in the body is stored in bones). MCHC contains the optimal calcium for bones, as well as bone growth factors and peptides, such as collagen. It's suggested that MCHC helps support osteoblasts (cells that promote bone growth) and osteocytes (bone cells).\*<sup>2</sup>

In addition, Bone Support Prime provides ipriflavone (7-isopropoxy isoflavone), a synthetic isoflavone derivative that primarily acts to suppress bone resorption. Research suggests that ipriflavone can stimulate osteoblasts to form new bone and may reduce the risk of bone loss and fractures.\*<sup>3,4</sup> Ipriflavone is a registered treatment for improving bone health in many European countries and Japan. It also appears to be most effective when taken in conjunction with other bone-supporting nutrients, such as vitamin D3.\*<sup>5</sup>

## How Bone Support Prime Works continued

This formula also contains vitamin D3, which has synergistic actions with calcium and phosphorus for supporting bone mineral density and bone remodeling.\*<sup>6</sup>

A recent scientific report based on food supply and composition estimates that as much as 70% of the U.S. population is at risk of calcium deficiency.<sup>1</sup> Calcium deficiency, especially in older individuals, can significantly increase the risk of osteoporosis and bone fractures. Naturally, getting enough calcium every day is increasingly important as we age.

### Why Use Bone Support Prime?

The ingredients in Bone Support Prime have been studied extensively over the past three decades, with findings showing they work in synergy to help support healthy calcium status, bone function, and bone integrity.<sup>4</sup> Due to this, these ingredients are becoming more popular as alternative treatments in clinical applications.

## Supplement Facts

Serving Size: 3 Tablets  
Servings Per Container: 90

	Amount Per Serving	%DV
Vitamin D3 (cholecalciferol)	15 mcg (600 IU)	75%
Calcium (as microcrystalline hydroxyapatite calcium and dicalcium phosphate)	660 mg	51%
Phosphorus (as microcrystalline hydroxyapatite calcium and dicalcium phosphate)	417 mg	33%
Microcrystalline Hydroxyapatite Calcium	1.5 g	**
Ipriflavone	150 mg	**

**Other Ingredients:** Microcrystalline cellulose, vegetable stearic acid, hypromellose, cellulose, croscarmellose sodium, vegetable magnesium stearate, silica, Nutrapure™ certified organic coating.

**Directions:** Take three tablets once daily or as directed by your healthcare practitioner.

**Caution:** If you are pregnant, nursing, or taking medication, consult your healthcare practitioner before use. Keep out of reach of children.

### References:

1. Kumssa, D. B., Joy, E. J., Ander, E. L., Watts, M. J., Young, S. D., Walker, S., & Broadley, M. R. (2015). Dietary calcium and zinc deficiency risks are decreasing but remain prevalent. *Scientific reports*, 5, 10974.
2. Tai, V., Leung, W., Grey, A., Reid, I. R., & Bolland, M. J. (2015). Calcium intake and bone mineral density: systematic review and meta-analysis. *Bmj*, 351, h4183.
3. Miyauchi, A., et al. Novel ipriflavone receptors coupled to calcium influx regulate osteoclast differentiation and function. *Endocrinology*, 13: 3544-50, 1996.
4. Agnusdei D; Bufalino L Efficacy of ipriflavone in established osteoporosis and long-term safety. *Calcif Tissue Int*, 61 Suppl 1:S23-7 1997.
5. Ushiroyama T; et al. Efficacy of ipriflavone and 1 alpha vitamin D therapy for the cessation of vertebral bone loss. *Int J Gynaecol Obstet*, 61 Suppl 1(1):283-8 1995 Mar.
6. Christakos, S., Dhawan, P., Porta, A., Mady, L. J., & Seth, T. (2011). Vitamin D and intestinal calcium absorption. *Molecular and cellular endocrinology*, 347(1-2), 25-29.

\* 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, visit: [www.nutridyn.com](http://www.nutridyn.com)