

## Calcium Microcrystalline Hydroxyapatite

### DESCRIPTION

Calcium Microcrystalline Hydroxyapatite, provided by Douglas Laboratories®, supplies 500 mg of elemental calcium from 2,000 mg of microcrystalline hydroxyapatite (MCHC), a bioavailable source of calcium derived from young bovine bone. Whole bone’s microcrystalline hydroxyapatite is rich in calcium, phosphorus, bone matrix proteins, amino acids, and glycosaminoglycans in their natural forms and physiological ratios.

### FUNCTIONS

The adult human body contains approximately 1,200 g of calcium, about 99% of which is present in the skeleton. Bone is constantly turning over, a continuous process of formation and resorption. In children and adolescents, the rate of formation of bone mineral predominates over the rate of resorption. In later life, resorption predominates over formation. Therefore, in normal aging, there is a gradual loss of bone. It is generally accepted that obtaining enough dietary calcium throughout life supports bone health. Among other factors, such as regular exercise, gender and race, calcium supplementation during childhood and adolescence appears to be a prerequisite for maintaining adequate bone density later in life.

Calcium Microcrystalline Hydroxyapatite provides a highly beneficial source of dietary calcium together with other naturally occurring nutrients like phosphorus that assist in the maintenance of healthy bone structure and function, and aids in the absorption of calcium. † Boron affects the composition, structure, and strength of bone. † It appears to be necessary for calcium and magnesium absorption, their adequate renal reabsorption, and their incorporation into the bone matrix. † Boron is absorbed at about 90% efficiency and is rapidly distributed among the tissues.

### INDICATIONS

Calcium Microcrystalline Hydroxyapatite tablets may be a useful dietary supplement for individuals who wish to increase their intake of calcium and other nutritional factors for the maintaining of healthy bone function.

### FORMULA (#83018)

Two Tablets Contain:

Microcrystalline Hydroxyapatite .....	2,000 mg
Yielding:	
Calcium.....	500 mg
Phosphorus .....	260 mg
Boron (as Boron Aspartate/Citrate).....	5 mg

### SUGGESTED USE

Adults take two tablets daily with meals or as directed by a healthcare professional.

### SIDE EFFECTS

No adverse side effects have been reported.

### STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

### REFERENCES

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† 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.

Manufactured by  
Douglas Laboratories  
600 Boyce Road  
Pittsburgh, PA 15205  
800-245-4440  
[douglaslabs.com](http://douglaslabs.com)



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