Microcrystalline Calcium
Osteo Support

DESCRIPTION
Microcrystalline Calcium provided by Douglas Laboratories® is a dietary supplement prepared from whole bone's microcrystalline hydroxyapatite that is rich in calcium, phosphorus, boron, 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.
The remaining 1% of total body calcium is present in the soft tissues, and plays important roles in such vital functions as nerve conduction, muscle contraction, blood clotting, membrane permeability, and hormonal signaling. Blood calcium levels are carefully maintained within very narrow limits by the interplay of several hormones (1,25-dihydroxy-cholecalciferol, parathyroid hormone, calcitonin, estrogen, testosterone), which control calcium absorption and excretion, as well as bone metabolism. Levels of soft tissue calcium are maintained at the expense of bone in the face of inadequate calcium intake or absorption.
Osteoporosis affects a large proportion of the elderly in developed countries. Caucasian and Asian women typically have low peak bone densities, and therefore, are at the greatest risk of developing osteoporosis. It is generally accepted that obtaining enough dietary calcium throughout life can significantly decrease the risk of developing osteoporosis. 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. But even elderly osteoporotic patients may benefit significantly from supplementation with dietary calcium.
Boron positively affects the structure and strength of bone, and appears to be necessary for calcium and magnesium absorption, their adequate renal reabsorption, and their incorporation into the bone matrix

INDICATIONS
Microcrystalline Calcium may be a useful dietary supplement for anyone who wishes to increase their intake of calcium and other nutritional factors for maintaining good bone health.

FORMULA (#7399)
Each Capsule Contains:

Calcium (from Microcrystalline Hydroxyapatite)	125 mg
Phosphorus (from Microcrystalline Hydroxyapatite)	64 mg
Boron (from boron citrate)	1 mg

SUGGESTED USE
Adults take 1-4 capsules daily or as directed by a healthcare professional

SIDE EFFECTS
No adverse side effects reported.

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

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For more information on Microcrystalline Calcium visit douglaslabs.com

† 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.

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You trust Douglas Laboratories.
Your patients trust you.