Super Cal Plus

Bone Strength, Function and Health*

Bone Strength

Bone Function

Bone Health

NutritionalFrontiers.com
(412) 922-2566

NUTRITIONAL FRONTIERS

Super Cal Plus

Available in 120 Count Vegetarian Capsules or Tablets

Super Cal Plus was designed to promote bone strength, function and health. Super Cal Plus is a synergistic formula that contains 6 well-researched nutrients to support the organic and inorganic matrix of bone; support hormone balance; provide bioavailable minerals for bone health; and support bone density.*

Bone consists of an inorganic and organic matrix. The inorganic matrix is approximately 60% of the dry weight of bone tissue and is mainly calcium hydroxyapatite crystals. The inorganic matrix of bone is responsible for providing bones with the ability to withstand hard impact. The organic matrix of bone is composed of collagen (approximately 90%), chondroitin sulfates and glycoprotein growth factors. The balanced process of bone breakdown and regeneration, to keep bone mass constant, declines with age and breakdown begins to exceed regeneration leading to loss of bone mass.

Healthy bone requires MCHC, calcium, magnesium, Vitamin D, Vitamin K, boron and copper.

MCHC Microcrystalline hydroxyapatite is whole bone food and provides a highly absorbable and a superior source of calcium. This source of calcium also provides other essential minerals (such as magnesium, potassium, zinc, copper, manganese, silicon, and iron) and protein growth factors proven to support bone health and strength.

Magnesium, Boron, and Copper are all necessary to support calcium absorption and utilization plus decrease the loss of bone calcium. Super Cal Plus features magnesium as Magnesium (as Magnesium Bisglycinate Chelate (Albion®))

These patented minerals are designed to do the stomach's work in advance by producing low molecular weight mineral compounds in which the minerals are bound to amino acids to produce natural organic chelates that can pass easily through the intestinal wall. Magnesium is not only helpful in bone health but also plays many roles in the body, including supporting muscle and tendon health; heart and blood vessels; respiratory and metabolic support, RNA and DNA synthesis as well as calcium and potassium uptake. Magnesium is necessary to prevent calcification of soft tissue, protects arterial lining from stress and it is involved in carbohydrate and mineral metabolism.

Copper is an essential trace element that is involved in bone health, energy metabolism, immunity, and nervous system function. It is required by the body to convert iron into hemoglobin and is an essential constituent of many important enzymes including a form of superoxide dismutase, a major cellular antioxidant.

Boron is an important trace mineral with roles in the growth and maintenance of bone, wound healing, and antioxidant enzyme activity. Furthermore, boron impacts the body's utilization of estrogen, testosterone, vitamin D, and magnesium.

Vitamin D3 plays an important role in protecting your bones. Your body requires Vitamin D to absorb calcium. Children need Vitamin D to build strong bones, and adults need it to keep bones strong and healthy. Studies show that people with low levels of Vitamin D have lower bone density or bone mass. They are also more likely to break bones when they are older.

Vitamin K is an essential cofactor involved in bone metabolism, blood coagulation, prevention of vessel remineralization, and regulation of several cellular functions. Vitamin K2 (present in Super Cal Plus as VitaMK7® Menaquinone-7) may increase osteocalcin levels which can help reduce spine fracture risk. Furthermore, according to a 2017 study, "Treating osteoporotic patients with vitamin K might have the additional advantage of protecting arteries from vascular calcification through its action on MGP, a vitamin K dependent protein with anti-calcific properties." (Fusaro, 2017). Vitamin K is found in green, leafy vegetables such as broccoli, brussels sprouts, collard greens, lettuce, and spinach. Because of Vitamin K's role in blood coagulation, individuals on blood thinners should check with their doctor before attempting to increase their Vitamin K intake.

Capsules Serving Size: 2 Capsules | Servings Per Container: 60

Vitamin D (as Cholecalciferol)	5 mcg
Calcium (as Microcrystalline Calcium Hydroxyapatite)	200 mg
Magnesium (as Magnesium Bisglycinate Chelate Buffered Magnesium Bisglycinate Chelate, Magnesium Oxide) (Albion®)	100 mg
Copper (as Copper Citrate)	0.05 mg
Boron (as Boron Citrate)	0.75 mg
Vitamin K (as VitaMK7® Menaquinone-7)	11.25 mcg

Suggested Use: As a dietary supplement, take 2 capsules daily, or as directed by your healthcare practitioner.

Warning: If pregnant or nursing, consult your healthcare practitioner before taking this product.

Tablets Serving Size: 2 Tablets | Servings Per Container: 60

Vitamin D3 (from Cholecalciferol)	10 mcg
Vitamin K2 (as K2QUEST™ 2500 All Trans MK7 in MCC)	22.5 mcg
Calcium (as Microcrystalline Calcium Hydroxyapatite)	400 mg
Magnesium (as Magnesium Aspartate)	200 mg
Copper (as Cu Citrate)	0.5 mg
Betaine HCl	100 mg

Suggested Use: As a dietary supplement, take 2 tablets once daily, or as directed by your healthcare practitioner.

Warning: If pregnant or nursing, consult your healthcare practitioner before taking this product.

*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

AlbionMinerals
Albion® is a registered trademark of Balchem Corporation or its subsidaries

vitaMK7® natural vitamin K2
Vitamin K2 as MK-7 Powder / Vitamin K2 as Menaquinone-7 Powder is registered trademark of Gnosis USA Inc. US 7,718,408

NUTRITIONAL FRONTIERS

NutritionalFrontiers.com • (412) 922-2566

*Sources for cited material are available upon request. Contact Nutritional Frontiers.

Copyright © 2023 by Nutritional Frontiers LLC. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without prior written permission of the copyright owner. Sold Exclusively Through Health Care Practitioners.

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