Calcium Lactate Powder

Combines Calcium With Magnesium to Enhance Bioavailability

Calcium and magnesium are minerals of critical importance to human nutrition and should be combined in a 5-to-1 ratio of calcium to magnesium. These minerals are most well known for bone mineralization. Calcium alone comprises about 98 percent of the mineral component of bone and tooth structure.

Calcium is also essential for a number of other body functions, including blood coagulation, muscle contraction, nerve conduction, maintenance and function of cell membranes and membrane permeability, and the proper functioning of many enzymes. The magnesium in this product aids in the uptake of calcium lactate by the body. However, even standing alone, magnesium proves a critical dietary substance. Magnesium is an important element for the formation of more than 300 enzymes in the body, and among its many roles, it is a cofactor for adenosine triphosphate metabolism.¹

Powdered products offer many benefits. Powders are a valuable alternative for infants, children, and older adults who have difficulty swallowing tablets or capsules. Powders can be mixed with milk or fruit juice or sprinkled on fruits or vegetables. Calcium Lactate Powder requires no tableting aids or excipients to bind its ingredients together, as does its tablet counterpart. Powders provide an easy solution for those who need to take multiple supplements.

How Calcium Lactate Powder Keeps You Healthy

**Calcium lactate is highly bioavailable**
Calcium lactate changes to calcium bicarbonate (the type used by the body) in one chemical step, unlike calcium carbonate, for example, which goes through approximately 12 different chemical reactions to become calcium bicarbonate. Calcium is only absorbed when present in the intestines in its ionized, water-soluble form. Calcium lactate is highly soluble in water due to its neutral pH, making it easily absorbable.¹

**Calcium and magnesium enhance white-blood-cell activity**
Studies show that calcium is necessary for the proper functioning of various white blood cells. Lymphocytes, leukocytes, monocytes, and neutrophils are all at least partially dependent on extra-cellular calcium and magnesium.¹
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What Makes Calcium Lactate Powder Unique

Product Attributes
 Adequate calcium as part of a healthful diet, along with physical activity, may reduce the risk of osteoporosis in later life
 The calcium lactate in Calcium Lactate Powder is a pure-vegetable source of calcium
 › Not derived from a dairy source
 › Calcium lactate is very soluble and high in bioavailability
 › Making it an excellent calcium source

Manufacturing and Quality-Control Processes
 Degreed microbiologists and chemists in our on-site laboratories continually conduct bacterial and analytical tests on raw materials, product batches, and finished products
 › Ensures consistent quality and safety

Vitamin and mineral analyses validate product content and specifications
 › Assures high-quality essential nutrients are delivered

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for most of the information we provide you in this publication about whole food ingredients. See the supplement facts for Calcium Lactate Powder.


Health Information System. Nutriceutica. Dallas, TX: Kem Inc.


