



Cal2Mag

CALCIUM CITRATE AND MAGNESIUM CITRATE COMBINED

WHAT IS CAL2MAG?

Calcium and Magnesium are two main minerals in the human body which are essential for the prevention of osteoporosis. When combined in the right ratio with magnesium the body can absorb calcium without causing adverse side effects.

Gadot's Cal2Mg is a composition of Calcium Citrate and Magnesium Citrate, which is produced with a special granulation process. There are various Calcium and Magnesium mineral sources but citrates have an added value and is highly absorbable. Citrates are the only form of mineral salts that support the reduction of kidney stones and absorption is independent of the timing (before/after meal.)

Each 1 gram of Cal2Mg contains 100 mg Calcium and 50 mg Magnesium Citrates (10% RDA of Ca and 14% of the RDA of Mg.)

CALCIUM

- + Calcium is the most abundant mineral in the body and vital for bone health.
- + Required to build and maintain strong bones and healthy communication between the brain and other parts of the body.
- + Regulates muscle contraction, including the beating of the heart muscle.
- + Calcium plays a key role in normal blood coagulation (clotting).

MAGNESIUM

- + It is the fourth most abundant mineral in your body.
- + Is found primarily in your bones (half of your total body magnesium)
- + Plays a role in your body's detoxification processes.
- + Aids your energy metabolism and protein synthesis.
- + Helps guide a large number of physiological functions.

BENEFITS OF CALCIUM AND MAGNESIUM AS CITRATES

- + High **Bioavailability**
- + **High Mineral content:** Cost Effective Calcium and Magnesium Sources.
- + **Neutral** Flavour
- + **Low Interference** with other Minerals
- + Good **Nutrients** Compatibility
- + **Mineral absorption is independent of gastric acid secretion.** It does not cause stomach upset and can be taken on an empty stomach or with a meal

PROPERTIES

Gadot's Ca2Mg is a composition of Calcium Citrate and Magnesium Citrate, which was submitted to a special granulation process with a binder addition.

This enables the tablet producer to benefit from:

- + Prevention of segregation of the powder mixture constituents.
- + Improved flow properties of the mixture
- + Improved compaction characteristics of the mix
- + Eliminate excessive amounts of dust particles

FUNCTIONAL HEALTH BENEFITS:

Magnesium has a role in osteoporosis prevention when combined with calcium.

- + Correct Ratio for Calcium **Absorption**
- + Elimination of **Veins** Calcification
- + Directs Delivery to **Bones & Teeth**

APPLICATIONS



BEVERAGES



NUTRACEUTICALS



Gbi is a leading GMP manufacturer of ingredients for the Nutraceutical, Food, Beverage and Pharmaceutical industries. We are committed to providing the highest quality products and reliability of supply for our customers. Gadot has more than 50 years of experience delivering high bioavailable products including tailor-made solutions and soluble minerals.

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