



Atomic Calcium – Formerly called Calronic

Calcium is an essential element that serves an important role in skeletal mineralization. More than 99% of the calcium in the body is stored in bone as hydroxyapatite. Calcium in this form provides skeletal strength as well as a reservoir for calcium to be released into the serum.

In blood serum, calcium exists in 3 forms: protein-bound, ionized (free), and complexed (chelated). Protein-bound calcium, which accounts for 40% of the serum calcium, cannot be used by tissues. Albumin and globulin are the primary calcium-binding proteins in the serum whereas calmodulin is the primary calcium-binding protein in the cell. Chelated calcium, which accounts for 9% of the serum calcium, allows calcium to be absorbed by various tissues or carried between parts of the body. Serum calcium is often chelated into the ionic complexes of calcium phosphate, calcium carbonate, and calcium oxalate. Finally, free calcium, which makes up 51% of the serum calcium, is utilized by the body to maintain physiologic functions. If the serum calcium concentration exceeds the 8.8 to 10.4 mg/dL, then the body is considered in a state of calcium toxicity.¹

Atomic Calcium is a new approach in nutritional supplement delivery of Calcium. The principal difference between Atomic Calcium and other Calcium supplements is that the formation of Calcium ions (Ca^{++} aka ionic calcium) and Hydroxyl ions (OH^-), is created in a water medium prior to ingestion rather than in the body.

This means that the Calcium is absorbed through the stomach wall, instead of becoming protein bound in the intestines. Atomic Calcium differs from so called "Ionic Calcium" liquids in that the ions are freshly created thereby ensuring dynamic electrical values. After having used liquid ionic calcium supplements and having zero results, I can attest to the effectiveness of Atomic Calcium over other "Ionic Calcium" labelled supplements.

Atomic Calcium differs from Calcium Carbonate, Calcium Citrate, and other Calcium salts as it is dissociated before entering the body and therefore does not rely on the calcium needing to become protein bound in the small intestines for absorption. Its absorption in the body is immediate through the stomach wall. Calcium ions permeate intra-cellular membranes and achieve absorption throughout the entire body.

The way it is absorbed has much to do with the Calcium ions and OH^- or negative hydroxyl ions. The OH^- negative ions created when Atomic Calcium is reacted in water, produces on average a 9.5 pH water. This supports your body's ability to achieve the desired slightly alkaline pH of 7.4 in your tissues. Based upon the research of Royal Raymond Rife, his pathogen culture work showed that no pathogen can

¹ <https://www.ncbi.nlm.nih.gov/books/NBK482128/>

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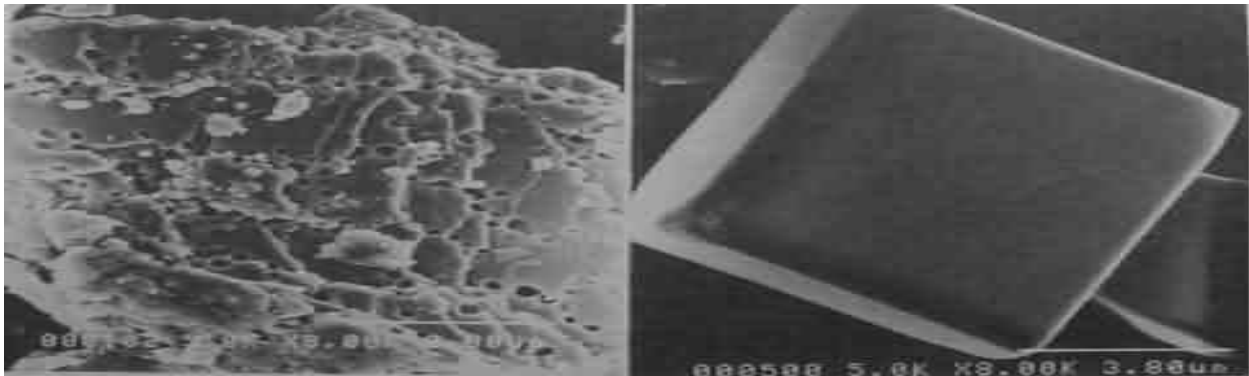
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grow in a neutral pH of 7. To learn more, go to www.rifevideos.com (look for video "Royal Rife In His Own Words").

Evidence suggests that taking ionic calcium improves glucose uptake into the cell, which would lower one's glucose levels. If you are using insulin, then your dosage of insulin may need to be lowered to compensate.

Atomic Calcium is highly porous and extremely bioavailable. The difference between this Calcium hydroxide (CaO) and commercially available Calcium hydroxide is porosity and lattice structure. This structural difference is accomplished by:

Refinement processes, Baking at high heat (dissociation), Proprietary method of altering porosity and lattice structure



Atomic Calcium (3.8 micron) vs. Commercial CaO₃
Note the differences in porosity and surface structure

'The pH scale was developed by a bottling plant scientist who wanted to ensure that the correct acidity was maintained for carbonated drinks produced by his plant. Now, this scale is used worldwide by scientists. The "p" stands for the mathematical value "power of ten." The "H" represents the number of hydrogen ions or hydroxyl ions in a solution. The strength of an acid or base depends upon this number of ions. A neutral solution has a pH of 7, while acids are below 7 (0-6), and bases are above 7 (8-14). The official definition of pH is "the negative of the logarithm of the hydrogen ion concentration." ' 2005 © The University of Texas Health Science Center at San Antonio.

Oxidation Reduction Potential (ORP) shoots down at least -100 mV from original ORP. Water that is highly acidic (tap water) will result in less effect. Distilled water is best and shows a dramatic reduction in ORP. The greater the electron concentration in your water as measured by the degree of (-) millivolt charge, the more power the water has as an antioxidant.

We have added Magnesium Glycinate to the supplement blend. The role that Magnesium plays is very important to support heart, muscle, and nerve functions.

Since seashell's main component is CaCO₃; baked becomes CaO. When dissolved in water, becomes Ca (OH)₂ dissipating heat energy and generating (OH⁻) through a process known as "dissociation".

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Note: Atomic Calcium is the purest Calcium possible. It is not a Carbonate or Citrate. It is pure Calcium and Magnesium, which reconfigures in a matrix as Calcium Ions and Hydroxyl Ions or beneficial oxygen.

Ionic Calcium is Required to Support:

- Adult stem cell production
- Bone remineralization
- Shutting off excess parathyroid hormone production, which results in removal of pathogenically deposited calcium.
- Cell division
- Energy production
- Release of acetylcholine the memory neurotransmitter
- Many other minerals will not work without calcium being present

Additional Benefits:

- Highly bio-available source of Calcium & Magnesium
- Supports the elimination of acid reflux & indigestion
- Supports the heart and muscles electrolyte needs
- OH- Ions created in water make this a powerful antioxidant
- Supports Sleep
- Facilitates weight loss
- Supports the alleviation of muscle and menstrual cramping.

Restoring Ideal Body pH As Reflected In Your Urine & Saliva

According to Dr. Carey Reams, he theorized that the ideal urine and saliva pH 2 hours after a meal is 6.4 over 6.4. According to teachers of the terrain model of health and according to Dr. Carl Reich, the optimum body pH is reflected in the first morning Urine and Saliva after 5 a.m. The optimal pH for your saliva is also 7 to 7.5. The optimal pH of your urine is 6.4 to 6.8. It is advised that you perform a Urine and Saliva pH test daily for 3 days and then once a week thereafter.

The jury is still out on this topic. I do not yet know what is the ideal pH that the urine and saliva should be showing.

When Atomic Calcium is reacted in water for 1-3 minutes it produces an approximate 9.5 pH water. Drinking this 3x per day is the strongest form of alkalization recommended in this report.

To avoid calcium excess I recommend you use Atomic Calcium at the rate of 1 scoop 1-2x per day for 6 months or until you have restored your bone density. After this time, I recommend reducing your Atomic Calcium intake to every other day or every 3rd day.

Avoiding Calcium Deposits

In serum, calcium exists in 3 forms: protein-bound, ionized (free ionic calcium), and complexed (chelated). Protein-bound calcium, which accounts for 40% of the serum calcium, cannot be used by tissues. Albumin

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and globulin are the primary calcium-binding proteins in the serum whereas calmodulin is the primary calcium-binding protein in the cell. Chelated calcium, which accounts for 9% of the serum calcium, allows calcium to be absorbed by various tissues or carried between parts of the body. Serum calcium is often chelated into the ionic complexes of calcium phosphate, calcium carbonate, and calcium oxalate. Finally, free calcium, which is “Ionic Calcium”, in a healthy body should make up 51% of the serum calcium; it is this form of calcium that is utilized by the body to maintain physiologic functions. If the serum calcium concentration exceeds the 8.8 to 10.4 mg/dL, then the body is considered in a state of calcium toxicity.²

When concentrations of ionic calcium are maintained between 8.8 and 10.4 mg/dL of blood, then this tells the parathyroid glands that the body does not need parathyroid hormone. Parathyroid hormone is only produced in response to lower levels of ionic calcium in the blood. When the parathyroid hormone is produced on a chronic pathological basis in response to the body’s chronic low levels of ionic calcium, then this leads to calcification of the soft tissues. As stated earlier, after the age of 35 one’s own production of ionic calcium progressively declines. Based upon empirical observation, people after the age of 55 typically have been chronically deficient in ionic calcium for a few decades. Hence, this is why a Chiropractor can see how aged your body is from an x-ray, by how opaque white your soft tissues are with calcium build up.

One of Selye’s colleagues, G. Jasmin, showed that magnesium deficiency causes inflammation. A deficiency of either calcium or magnesium can stimulate the parathyroid glands to produce more hormone (parathyroid hormone, PTH), which increases calcium absorption, but also removes calcium from the bones. This hormone, responding to a dietary calcium or magnesium deficiency, is an important factor in causing cells to take up too much calcium, and its excess is associated with many inflammatory and degenerative diseases.

Interleukin-6 (IL-6), an inflammatory cytokine which increases with aging, is commonly considered to have an important role in the multiple processes of atrophy in old age. One of the things which can increase the production of IL-6 is the parathyroid hormone (PTH), which increases the amount of calcium circulating in the blood, partly by causing it to be removed from the bones; IL-6 stimulates the process of calcium removal from bones.³

Since the early 2000’s a stable form of ionic calcium supplementation has existed in the form of [Atomic Calcium](#). When you compensate for your chronic deficiency of ionic calcium, by supplementing with Atomic Calcium, then you theoretically will be signaling your parathyroid gland to stop producing parathyroid hormone. This in turn changes your biochemistry so that your body stops depositing calcium into the soft tissues and starts to remove this calcium build up. Therefore, to avoid calcium build up and to support the reversal of calcium already deposited into your soft tissues, it is recommended to supplement with Atomic Calcium daily.

Now how much Atomic Calcium is best for your body size. To determine this, we need to know how much blood your body has in it.

According to the PubMed Article by Ragav Sharma; Sandeep Sharma. “Physiology, Blood Volume”, there are around 10.5 pints (5 liters) of blood in the average human adult body, although this will vary depending

² <https://www.ncbi.nlm.nih.gov/books/NBK482128/>

³ <https://raypeat.com/articles/articles/calcium.shtml>

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on various factors. During pregnancy, a woman may have up to 50% more blood.

The average quantities of blood are::

- about 9 pints (4.3 liters or 43 deciliters) of blood in an average-sized female (5 feet 5 inches tall and weighing 165 pounds)
- about 12.2 pints (5.7 liters or 57 deciliters) of blood in an average-sized male (6 feet in height and weighing 200 pounds)

Since the body requires 8.8 to 10.4 mg of ionic calcium per deciliter of blood, this would mean that a 165 lb. person would need 378.4 to 447.2 milligrams of ionic calcium in their blood to be healthy. Since the body already makes some of its ionic calcium, we would only want to supplement in small amounts to compensate for the growing deficiency. For the 200 lb. person, this would mean that they need 501.60 to 592.8 milligrams of ionic calcium in their body to be healthy. Again, since the body already makes some of its ionic calcium, we would only want to supplement in small amounts to compensate for the growing deficiency. Since we know that someone who is over the age of 50 and dealing with cancer or some other chronic disease has a chronic deficiency of ionic calcium, then it stands to reason the supplementation with ionic calcium can be very valuable to one's health restoration.

Since each 1/8th tsp. scoop of Atomic Calcium supplies 23.5 mg of ionic calcium after reacting in pure water, then it stands to reason that you are moving your ionic calcium deficient blood back to a more youthful physiological norm, when you take 1-2 scoops of [Atomic Calcium](#) 2-3x per day.

Based upon empirical results with clients, very positive results have been testified to using [Atomic Calcium](#) at the rate of 1-2 scoops 2 to 3x per day. It is my recommendation that when recovering from cancer and seeking to restore your intracellular pH to 7.35, that you also drink lemon water. This lemon water formula consists of combining 1 oz of freshly squeezed lemon juice with 9 oz of distilled water and that you drink 4 oz of this 6 or more times per day, to support your liver health and detoxification.

In addition to optimal ionic calcium levels in your blood, you can protect against calcification of your soft tissues by taking vitamin K2 daily. Taking vitamin K2 as MK-7 will cause the creation of matrix GLA protein. Matrix GLA protein serves two main purposes, one is the creation of new bone tissue, and the other is the removal or prevention of calcium deposition into the soft tissues or joints. I recommend taking [MegaQuinD3](#), which supplies 5000 IU of vitamin D and 200 mcg of K2 as MK-7, per capsule.

Ionic Calcium is created when the product Atomic Calcium is reacted with ideally distilled water, which supports the removal of pathogenically deposited calcium from the arteries, joints, and soft tissues. This will take anywhere from an estimated 8 to 24 months' time.

Testimonies: *I was curious about the pH level in my body, so I ordered the pH test strips Stephen Heuer made available. Wow was I surprised at how acidic my body tested. I started taking the calcium supplements and Cod Liver Oil. After a short time, I could feel my bones relax. Yes, down to the bones I felt a great calming effect. In addition to the calmness, I now live, Atomic Calcium and Cod Liver Oil have worked to reverse my gum recession, although my dentist said that could never happen. It happened.*

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I am strong and evolved into a relaxed but alert person. I love the concept of the Hawaiian Aloha spirit, now I actually live that way. That leads me to another passage to quote from Stephen Heuer, "I believe that once the mind is free of physical pain or discomfort that it is far better able to learn how to live more in harmony with the Creator." Aloha Strength, Kate La Graff, Costa Mesa, CA - Kate Graff's Gum Recession Reversed While Using Synergy One (In Addition to The Atomic Calcium and Cod Liver Oil.

"My name is Pam Bagley and I'm 49 years old, just over a year ago I was diagnosed with osteopenia. I had seen a naturopathic doctor concerning that and was given mega doses of vitamin D, Vitamin K, and calcium. However, several months later I just wasn't feeling very energetic, so I was looking online and found Stephen Heuer and got his input as to what I need to do to improve the osteopenia, in addition to helping me with arthritis. He put me on Intracal, Atomic Calcium, Cod Liver Oil, Sugar Burner, Mineral Magic, One World Whey, Oxy Powder, Floraderm and Chrysalis (aka-Synergy One). We'll after even a week of being on that and eating correctly, my energy levels just soared, and I just felt more alert. The pain in my hands went away. I just felt so much better. I was able to work at my stressful job much more easily and after being on those supplements for about 2 months, I was tested again for my osteopenia, and I was totally healed. I don't have any showing of bone loss at all. So, I was just ecstatic about that, could not believe it and I notified Mister, Heuer right away. I just going to keep on doing what I'm doing and wanna stay healthy." We forgot to include that Pam was also taking a vitamin K2 supplement on this program.

Directions for use: Most people do well on 1 scoop 1-2x per day. But there may come a time, where your bones are dense again and your body does not need 1 scoop 2x per day. Instead, you might do better with 1 scoop 1x per day. Place 1 scoop into 8 ounces of clean water, ideally distilled. Distilled is the best water to drink on an ongoing basis. Mix and let sit for 1 minute. Then consume on an empty stomach upon arising and again before dinner. This can also be taken 45 minutes before exercise as it neutralizes the lactic acid produced during exercise, thus increasing one's endurance. I personally took Atomic Calcium at a rate of 1-2 scoops 2x per day, for 2 years before my body felt like I only needed 1 scoop 1x per day.

An increase in energy and well-being for 6 or more hours at a time can occur when you add 1 tablespoon of water extracted [Colloidal Minerals](#) to each serving of Atomic Calcium. The [Colloidal Minerals](#) that have conferred these uplifting results are found here: <https://synergisticnutrition.com/colloidal-minerals-32-fl-oz.html>

Atomic Calcium should never be consumed dry or in capsule form, as the ion-producing action can only occur in solution (i.e., dissolved in water).

Each level scoop of Atomic Calcium reacted in 8 oz of preferably distilled water will create 23.5 mg of Ionic Calcium. Ionic calcium is calcium, missing two electrons. This is the form of calcium that the parathyroid gland looks for to regulate calcium levels in the blood. All other forms of calcium are protein bound or become protein bound through the digestive process. The body must then expend energy to remove the protein and create calcium, missing two electrons. The body can only do this efficiently up to the age of 35. After this, like so many functions, its ability to create ionic calcium declines. By the age for 50 onwards pretty much everyone is chronically deficient in ionic calcium. This chronic deficiency activates the parathyroid gland to produce parathyroid hormone, which dissolves bone, in an attempt to compensate for this deficiency. However, this is an ineffective means of creating ionic calcium and it

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results not only in bone loss but also causes calcium to build up in the soft tissues and joints. This calcium build up is turning tissues into stone. Chiropractors can see this build up on x-rays. They can determine to a degree how old your body is by how opaque white your brain and other soft tissues appear on an x-ray. The whiter your soft tissues are on an x-ray the more stone like the organ or tissue is and the less functional it is.

When you read nutritional literature that recommends a woman in menopause take 1000 mg of supplemental calcium per day to support bone density and then look at the dosage of ionic calcium in a serving of Atomic Calcium is only 23.5 mg, you might think, "am I getting enough, when 1000 mg is more than 23.5 mg?". The 1000 mg dosage is referring to protein bound calcium or calcium that will become protein bound in the digestive process. It is not available to your blood and body to regulate the myriad of functions that ionic calcium regulates. However, with only 23.5 mg of ionic calcium, you are giving your blood and body, calcium that can be immediately used. Based on clients and personal results, empirically, it appears that 1 to 2 scoops of Atomic Calcium will put the body into a 6 or more-hour window of being in a positive calcium balance. Meaning for those six hours, your body is being supported the strongest in bone formation, cell division, ATP production, adult stem cell production, neurotransmitter release and decalcification of already pathogenically calcified tissues.

So, one level scoop of Atomic Calcium is many, many times more effective than 1000 to 2000 mg or more of chelated/protein bound calcium.

Maragen The Other Ionic Calcium Supplement: I (Stephen Heuer, B.S. Nutripath) took Maragen for 1.5 years, with some benefits, but due to cost I could not continue. Instead, I returned to using a product I carried earlier in my practice before I knew the immense benefits of pure ionic calcium. This product is called [Atomic Calcium](#). Drinking 2 scoops, 2x per day on an empty stomach has caused pockets on the chewing surface of my teeth to grow back by 80% over 4 months.

Maragen provides only 8 mg of ionic calcium per tsp. Atomic Calcium provides 23.5 mg per 1/8th tsp. scoop. 7-8% of one's adult body weight is composed of blood. Therefore a 150-pound person would have 12 lbs. of blood, which equals 54.48 deciliters of blood. There is supposed to be 8.8 to 10.4 mg of ionic calcium per deciliter of blood. For a 150-pound person's blood supply to be optimally healthy, he/she would need to have 479.42 milligrams of ionic calcium circulating in their blood. Since ionic calcium production falls off after the age of 35, one's ionic calcium production at the age of 50 to 80, could be much lower than biologically needed for optimal health. Based upon my clients and personal empirical results, we have seen very good results with Atomic Calcium, perhaps better than Maragen. This I can only conclude is due to Atomic Calcium having more ionic calcium per serving than Maragen.

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