

How ION-MIN Works

ION-MIN[®] Re-mineralization for Revitalization

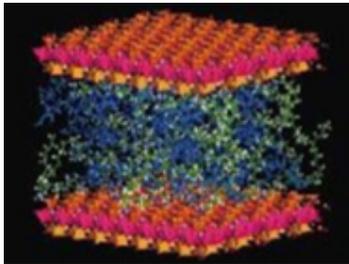
The secret to good health begins with good nutrition. Nutrition depends upon all the minerals needed to support life. Nearly every nutritionist and biochemist has found that most people don't get the right balance of minerals for optimal health. We can help.

Natural Ionic Energy

ION-MIN[®] was born eons ago and preserved in a sealed underground mine for millions of years. Created by nature before man's footprint on earth, it is unpolluted, compressed, and rich in active, ionic, bio-available minerals. Its superior preservation comes from its location in a dry, low altitude, hot desert location that prevented biological life from altering it, and locked in its high energy electric charge and high pH.



ION-MIN behaves as an "anion", meaning its crystal surface has gained electrons and thus has a negative voltage. This electronegative property of our compound is why most ionic minerals (natural "cations") cling to it. Minerals tend to lose electrons, especially during hydrolyses (literally washing them in moving water). ION-MIN was particalized and deposited by the prehistoric Colorado River as it rushed from the pristine, ice-topped, glacier-packed peaks all the way down to the Pacific Ocean by way of what is now Arizona and California.



The montmorillonite/ bentonite crystals have an amazing thin, flat shape, that is multi-layered like a deck of cards. The minerals from all of the richly deposited Colorado Rocky Mountains were washed and locked into the silica platelets as the elements raced down river and collided together. When the banks of the mighty river overflowed seasonally into the dry desert, the colloids were quietly deposited, layer after layer and the water evaporated to leave only these charged microscopic particles. Most of the clay silica particles in ION-MIN are so small they are hundreds or thousands of times smaller than a cell.

Nutrient Warehouses

Think of these colloidal "anions" as mineral warehouses, like Fort Knox. In fact, the very best soils in the world contain montmorillonite and similar clays to charge and mineralize the earth. The clay is the catalyst that makes all humus and plant life thrive and take up the huge stores of nutrients that the clays deliver. The ION-MIN deposits are a rare, vast reservoir of minerals that can support optimal health in the entire food chain and in your body. Arable soils can be enriched with it; the plants can utilize the clay nutrient buffer for decades, and plants can become healthy and health-giving. The grazing animals can remain vigorous and disease resistent, and the higher mammals in the food chain and people can be well nourished.

Soil Depletion: What It Means

However, most of the soils of the world are not rich in clay or top soil. They are either natively nutrient-poor, or they've been depleted, chemically polluted, and contaminated with pesticide residue. They barely support ecosystems. Such soils may grow food, but they do not nourish. We are not getting the nutrition we absolutely need by eating food anymore! Even if you ate "3 squares" of mass produced grocery-based foods, the chances are you aren't getting the minerals necessary for optimal, long term health.

We absolutely must supplement. This fact is no longer disputed. Everyone from your local doctor to the USDA, to the World Health Organization admits it. Fruits and vegetables that once contained all the minerals we needed are depleted by as much as 75%. And most people aren't even eating these depleted foods in proper amounts. **Metabolic diseases caused by malnourishment is epidemic in developed and developing countries alike.** [See our article on soil and crop mineral depletion!](#)

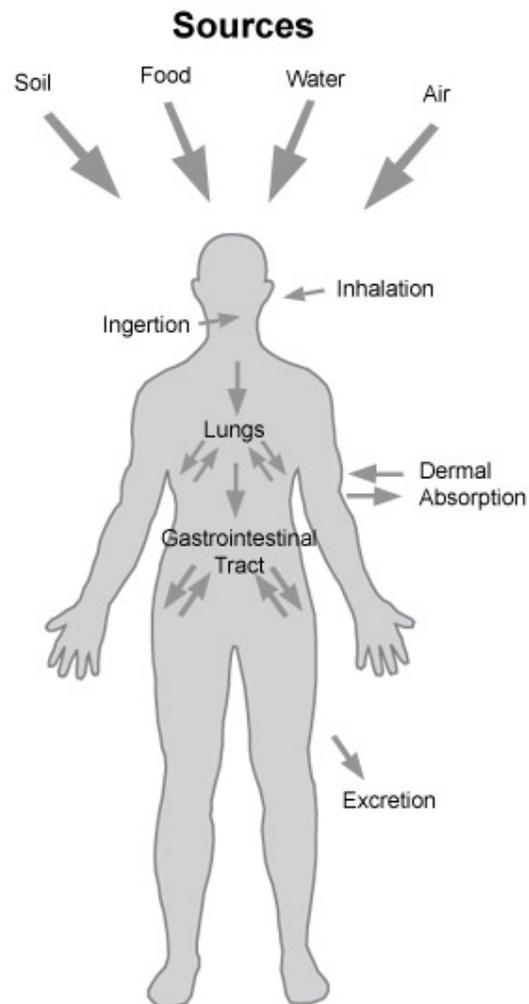
Nutrient Delivery Vehicles

Our clay compound makes the perfect mineral delivery vehicle. Take all of the other supplements you have and set them aside. They cannot nourish a plant or feed a farm. ION-MIN[®] can! ION-MIN[®] has no shelf life or expiration date. The magnetic attraction of silica microflakes and mineral molecules is permanent...It's just waiting to deliver the payload. And the minerals come in a balanced portfolio across the complete element spectrum, so you are not overloaded with one or another element.

Mix the powder in water and drink the clay "milk", or take a few tablets with water, and help is on its way. You don't need to worry about overdose or bioavailability. Your body will know what to do.

Primed for Intestinal Chelation

In order to be utilized by your body the mineral molecules in ionic clay suspension must pass through your intestinal walls. But your body is much smarter than most nutritional pundits give it credit for. Most mineral absorption is "selective"...when your body needs a mineral it sends a protein to the intestinal wall with one mission: "grab onto a positively charged mineral and absorb it". Most of your intestines are negatively charged and are in need of these mineral vagrants, so they are recruited by an active body that is hungry for minerals. This is the process of chelation. You do not need a pre-chelated mineral...your stomach acids will break most of the prechelated bonds anyway. You simply need minerals in molecular, ionic form.



But wouldn't it be better to get minerals from foods? In most cases, yes. But the pre-chelated minerals in foods are not always as bio-available as you need, and the chances are you can't eat the calorie load needed to get what you need from our poor diets and depleted foods. Once again...*you MUST supplement.*

Nutrient Vending Machines

So how do those mineral "cations" exit the extremely small silica wafers and become absorbable by the "gut"?

Great question! And nature has the answer: when you drink the clay with water, the clay swells a little bit and the natural ions generate an electrical charge in the water. Your stomach is acidic...meaning it has a lot of hydrochlorides (hydrochloric acid). These stomach acids reduce the pH of the stomach to 1-3, causing the ionic power of the clay compound to be reduced. This allows release of the mineral payload. Also, Hydrogen is the currency used by your body to "buy" a mineral from the anionic platelets. Hydrogen goes into the clay layers, and out pops a mineral, such as calcium, magnesium, potassium, or iron...and over 50 other mineral elements desperately needed for you to thrive.

Once the minerals are out, the mucosa or cilia will use the protein requisition process to 'grab and go'. This is a natural in vivo chelation process, where minerals are transported by specialized proteins across the cell walls and into the bloodstream, and into or around a needy cell. The minerals can become a part of your structure, or part of an enzyme needed to catalyze hormones and energy, or as part of the critical electrolyte process that keeps your bio-electric vibes doing their thing. All of this is a 100% natural, nutritional process, not involving manmade chemicals or processing.

A Balanced Portfolio

Just as your financial assets should not be all of one kind, your mineral supplement should also be diversified. Thankfully, ION-MIN[®] contains over 57 macro, micro, and trace minerals in balance and in extremely small molecular form. If your body does not need some at any given time, they will be eliminated. If some elements are needed in more volume due to illness or stress, your ION-MIN[®] mineral system is ready to provide the dose.

But ION-MIN[®] does one more extremely important thing. As the clay moves into your intestines and becomes re-alkalized, it re-acquires its net negative electric charge. It is still active! Our next article will tell you what unbelievable thing it does in its spare time! [See ION-MIN[®]: Double Duty Detoxifier](#)

bibliography:

[Mineral Absorption & Deficiency](#)

[Bentonites and Minerals](#)

[Colloidal Minerals are Key to Absorption](#)

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