

What is an “ionic mineral”?

The scientific definition of an “ion” as an atom that has acquired an electric charge through the gain or loss of an electron or electrons. An ion is a group of atoms, that has either a positive or negative charge. Anything metallic is considered to be “ionic”. For example, your belt buckle is ionic, because it has a charge of either positive or negative. All minerals (both 100% organic and inorganic), will have a charge of either positive or negative.

Scientists believe that the only circumstance in which the “charge” would scientifically prove beneficial, (or make a difference in any capacity) to the human body, is when the endothelial lining of the small intestines (consisting of the duodenum, jejunum, and ileum) is stable at a perfect neutral PH of 7.0. No one has a perfect PH of 7.0, especially in the U.S., where chronic acidosis from fast foods, processed grains, meats, sugar, coffee, acidic juices, etc. have become a way of life. Therefore, the term “ionic” when referring to mineral supplements, is nothing more than 100% marketing hype.

What is a colloidal mineral?

The definition of a colloidal is a large insoluble molecule, that does not precipitate, measures between 1 – 100 nanometers in particle size, and are dispersed into another medium. A colloid will neither sink to the bottom or rise to the top of a solution. They are usually suspended in the solution. Colloids are primarily large, inorganic, and insoluble. Which means that they are dead, synthetic, and do not contain living organic carbon.

Scientists and toxicologists, believe these facts are scientifically and medically very significant. They also believe that we should not ingest inorganic solutions or colloids for several key reasons:

Large inorganic colloids:

- *Have a very difficult time passing through the endothelial lining of the intestines.
- *Have a very difficult time entering tiny cells, due to their giant size, shape, and weight.
- *Are toxic to the body and may be rejected at the cellular level.
- *Are considered foreign matter after being rejected at the cellular level. They may then accumulate in extra-cellular space, fatty tissue, and intestinal fluids, causing potential for mass disease and pathology.
- **If you are taking any product that touts itself as a colloidal mineral, you should now be aware that it is highly likely that it is not good for you.

Should I take inorganic minerals like colloidal, coral, or ionic trace minerals?

No. Inorganic minerals do not contain adequate amounts of organic carbon. They contain mostly inorganic carbonate. Inorganic minerals are considered “non-living” toxic matter (i.e., rocks, humic shale, coral, and dead plant matter). Recent scientific evidence indicates that inorganic trace minerals may actually accumulate inside our body over time and become a toxic focal point of disease and/or pathology.

Why? Because our body has an extremely difficult time breaking down and eliminating inorganic elements and materials. Over time. One may become systemically intoxicated and/or physically sick with a chronic illness and/or disease manifestation.

Even though inorganic minerals may be toxic to the body over time, they may appear to provide some short-term health improvements (approximately 2-3 months or so). Unfortunately, your health may begin to decline and then be followed by extreme toxicity and even a life-threatening disease.

What is Fulvic Acid (not folic acid)? Why is it so important?

Fulvic Acid is the end product of nature’s humification process*, the ultimate breakdown and recycling of once-living plant matter.

Fulvic Acid contains the phytochemical protective (anti-aging/antioxidant) nutrients and substances from original living organic plant matter. Thus, Fulvic Acid has been highly concentrated, refined, transformed, and enhanced over hundreds of years by the actions of innumerable and microscopic organically complexed plants.

Even the smallest strands of RNA, DNA, and organic plant photosynthetic material still remain intact. Over time, the original components become organically complexed and enriched with metalo-enzymes and other organic (carbonaceous materials), which have proven to have numerous miraculous capabilities and perform critical intra-cellular functions when ingested or applied topically to the skin.

Because Fulvic Acid is so highly refined and naturally chelated (ultra-tiny and ultra-low molecular weight) by nature itself, it consists of 100% organically complexed ultra-tiny molecules that can easily penetrate human tissues and cells. For this reason, it is highly bioactive on the cellular level, providing innumerable biochemical and metabolic detoxification functions. The short- term health benefits and long term clinical results, are scientifically phenomenal and medically outstanding.

Scientists theorize that mother nature meant for small amounts of Fulvic Acid to participate at virtually every level of life by way of organically linking the entire food chain. They also believe Fulvic Acid directly participates in the “spark of life” itself because Fulvic Acid does contain latent solar energy matter as well as remnants of plant photosynthesis.

At Drucker Labs, we believe Fulvic Acid is nature's most precious form of protection and defense for plants, animals, and humans. It is tied very closely with immune system functions and has exceptionally powerful antioxidant (anti-aging) qualities.

Minerals need to be bound or chelated to a protein molecule (living carbon) to be bioavailable. Mineral assimilation without chelation is only about 10%. Fulvic Acid is the strongest chelating agent known to man. It enters into all life processes within plants and animals. Minerals bound with Fulvic Acid act as free radical scavengers, supply vital electrolytes, increase assimilation, enhance electrochemical balance, enhance and transport nutrients, chelate macro and micro trace minerals, and catalyze enzyme reactions. Fulvic Acid along with Drucker Lab's intracell V Technology, is what makes the minerals in intraMIN and intraMAX, 100% bioavailable.

Drucker Labs uses a purified cold water process to extract Fulvic Acid. Many other companies use a sulfuric acid process, which results in very low carbon levels, very low Fulvic Acid levels, and very high sulfur levels. The carbon level is an amazing 144,500 mg/l – per ounce serving, in the products. The higher the carbon level, the higher the content of Fulvic Acid.

*Humification: The process by which organic matter decomposes to form humus. Humus is the fraction of the soil organic matter that remains after most of the added plant and animal residues have decomposed.

What is a true organic mineral?

A true organic mineral contains organic living carbon (not inorganic carbonate). The molecular size of a true 100% organic complexed (carbon-based) mineral is ultra-chelated (ultra-tiny), and its molecular weight is extremely low. Therefore, the particle size and weight is much smaller than the size and weights of ALL colloids and corals.

True organic microcomplexed minerals are exceptionally absorbable and beneficial at the cellular level, providing innumerable energizing, detoxifying, and metabolizing benefits.

There are countless noted health benefits including: rapid detoxification of intra-cellular and interstitial toxins; healing of scars, burns, acne, etc; visual, anti-aging and antioxidant qualities; the formation of healthy blood and bones; maximum energy, strength, stamina, and much more.

What kind of minerals should I take?

Our body and cells are designed to ingest 100% organic minerals (only). When Drucker Labs uses the word organic, we are not just referring to the common commercial use of the word,

which means produced without the use of toxic chemicals, pesticides, etc. Rather, we are referring to the more important and true scientific meaning of the word organic, which means the branch of chemistry concerned with the composition, properties, and reactions of compounds, containing living compound.

Carbon has an atomic number of 6 and an atomic weight of 12.001 and is a natural component of all living tissue. Carbon is essential to the chemistry of the body, participating in most metabolic processes and acting as a component of carbohydrates, amino acids, triglycerides, deoxy-ribonucleic acids, and many other compounds. For example, carbon dioxide produced in glycolysis, is important in the acid/base (acid/alkaline) balance of the body and in controlling respiration. Organic carbon-based trace minerals can only be obtained from humified and enriched soils over hundreds of years, from once living plant matter, slowly yielding living organic soil-based complexes in the soil.

After years of consistent testing, Drucker Labs knowingly states that the vast majority of trace mineral products in the market place (even those claiming “plant derived”) do NOT contain sufficient quantities of true organic carbon. They also lack critical ingredients such as: methyls and methylene groups, aromatic protonatic compounds, hetero-cyclic compounds, carbonyl compounds, carboxylic compounds, quinone compounds, and ketone-ketene like compounds.

There are a couple of key reasons that most manufacturers are unable to create a true 100% organic microcomplexed product. First, the soils in which the plants were grown and extracted, were most likely already depleted of their critical organic complexes and nutrients. Next, they do NOT take the necessary precautions and massive expenses to preserve (not destroy) the 100% organic microcomplexes and organic carbon, in the process of extraction and manufacturing the product. It takes Drucker Labs a full 30 days, to produce just one bottle of our true 100% organic microcomplexed trace mineral solution, naturally rich in fulvic acid, poly-electrolytes, and metalo-enzymes.

Understanding this concept is absolutely critical. This is because true organic (as listed above), are always present in Drucker Labs products. The exact compounds and elements are in synergistic amounts, that match the makeup of our body and cells. Thus, there is a perfect organic match, from the organic, living cells and tissues to the 100% organic microcomplexed solution in each bottle. Each bottle contains living organic (carbon-based) minerals, electrolytes and metalo-enzymes, that cannot be found in any other product, outside of Drucker Labs.

Why is intraMAX in a liquid form?

The only way to keep intraMAX truly organic, is in a liquid form, without any heat applied in the manufacturing process. The vast majority of pills, tablets, or capsules use heat in the manufacturing process, and must include additives, preservatives, chemicals, agents,

excipients, coatings, and other synthetic materials. IntraMAX, in its liquid form, is natural, ultra-hypoallergenic, and rapidly absorbed.

What is Drucker Labs proprietary process?

The latest intracell V Technology, quickly converts inorganic nutrients and elements, into 100% organic microcomplexed nutrients, for maximum intra-cellular absorption, utilization, bioavailability, and performance.

IntraCELL V Technology is a culmination of over 20 years of Dr. Drucker's research, testing, and analysis. The technology is capable of surrounding (polymerizing) a molecule with carbon, then breaking it down into new polymerized ultra-chelated (super tiny) re-structured molecules. These new molecules, now have ultra-low molecular weight and size. This allows complete conversion of inorganic nutrition to 100% organic microcomplexed nutrition, within seconds.

Our intracell V Technology enables and carries critical organic nutrition into the cells, at rapid speed. This nutrition is now 100% organically microcomplexed, in the form of organic trace minerals, fulvic acid, poly-electrolytes, metalo-enzymes, and much more, for maximum intra-cellular detoxification, assimilation, and nutritional/metabolic utilization.

Our products seem to have a miraculous ability to create "balance" (homeostasis) throughout the entire body. The solution is a 100% natural preservative, natural anti-microbial, natural anti-fungal, anti-parasitic, anti-viral, and anti-bacterial.

How do I know if another company's products are organic?

Perhaps the simplest way to find out if a mineral supplement contains adequate amounts of organic carbon, is to ask the company for a certified and signed Certificate of Analysis. Proving the presence of organic carbon and fulvic acid, in optimal and synergistic amounts, as well as other critical and synergistic minerals and ingredients. Drucker Labs does have a certified and signed Certificate of Analysis.

The amount of organic carbon should be a minimum of 125,000 mg/l and the amount of fulvic acid should be between 9% - 10% by volume (no more and no less, for optimal levels) Any reputable company that is making such claims, must have done the tests and should be able to provide the results in their literature. Drucker Labs amount of organic living carbon is 144,500 mg/l per ounce serving, and the fluvic acid is 9.2% by volume.

