

How to Choose the Highest Quality Colloidal Silver Product

Part one of a two part interview

The benefits of colloidal silver have been well documented since the beginning of the 20th century. Silver, in its many forms, has been used by physicians for millennia to speed wound healing, treat infections, purify water, and preserve beverages. State-of-the-art colloidal silver formulations are hard to identify, but they are truly the modern method of delivering the fullest powers of silver as a nutraceutical. Such highest grade silver mineral supplements offer superior immune support in general and significantly reduce broad-spectrum risks to the immune system.

Renewed interest in colloidal silver has resulted in a number of manufacturers producing a wide range of colloidal silver products, which may be confusing for health-conscious individuals seeking to find the best sources available.

Reporter Raven West recently interviewed Dr. John Apsley, president of Natural-Immunogenics, Inc., of Miami, Florida. Dr. Apsley is one of the nation's leading experts on colloidal silver and has extensive clinical, analytical and scientific experience.

HL What would you consider to be the most desirable attributes one should look for in choosing a colloidal silver product?



Dr. John Apsley

JA When choosing colloidal silver it is essential to select a product that strives to have 100 percent active silver content and an absolute minimum of inactive silver. Especially to be desired are the smallest and most highly charged silver molecules and the avoidance of large particle sizes of silver. Active silver products are oligodynamic (*oligo* meaning few and *dynamic* power). This means only very small doses of silver are required but that these doses are very high in active silver ions. When silver is not an ion, it is neutral silver, and neutral silver is inactive or, put another way, simply dead weight.

HL Can you elaborate on what you mean by **correct charge**?

JA Silver particles to be active must have a positive charge. This activity of silver, and its bioavailability, is intimately tied to the product's "dispersion of particles." If the particles aggregate, they have either (a) oxidized, (b) salted out from the blood's electrolytes, or (c) reverted to inactive (neutral) silver by combining with proteins such as albumin, and have lost the majority of their

biological value. The body can only eliminate such particles, or at an energy cost, attempt to reactive the inactive silver.

HL Should the amount of silver contained in a product indicate better results for the consumer?

JA No. This is one of the great fallacies of modern colloidal silver marketing. It's not the overall concentration of silver that has value but the amount of *active* silver present in a product. For example, at Natural-Immunogenics, we strive to come as close to 100 percent ACTIVE colloidal silver as possible with no neutral silver at all, and *that* determines our product's efficacy and safety.

HL What about color? Some companies say a golden or yellow color is preferable.

JA Colloidal silver will have little or no color. Colloidal silver only has color when the particles are too large, when oxidation has occurred, or when contaminants are present. Exceptions might be various colors that are the result of added chemical reagents or other natural colors in solution that have nothing to do with the silver. However, these colors are due to factors unrelated to silver and may indicate an inferior product because very, very few things can be added to silver without degrading its activity to some degree.

Keep in mind that most additives or unintended contaminants in a colloidal silver formula will coat or react with the silver particles. This typically causes them to aggregate, which greatly reduces their benefits and may lessen their safety.

HL Are there any other properties one should look for when purchasing colloidal silver?

JA Yes. Colloidal silver should be neither acidic nor basic. A balanced pH, as close to a pH of seven as possible, is advantageous so the silver particles are not subject to chaos as the pH swings back and forth during ingestion. For example, we make our products as close to neutral as we can, and, yet, still maintain our small particle size and great dispersion.

Editor's note: Sovereign Silver from Natural-Immunogenics is perhaps the highest quality colloidal silver preparation available to consumers today. It is available at natural health centers, natural pharmacies, and from health professionals. If you need help in finding a store or health professional in your area or need more information on the company's newly introduced professional line, call Natural-Immunogenics toll free at (888) 328-8840.





Dr. John Apsley

Sovereign Silver—Triumph of Quality over Quantity

PART TWO OF A TWO PART INTERVIEW

Colloidal silver is a versatile natural remedy. We tell readers to keep it available at all times in their home medicine cabinet to be used to support their immune defenses and to promote the reduction of a broad-spectrum of immune risks, especially when traveling in airplanes or abroad.

Because of our concern for quality, we've consistently recommended **Sovereign Silver** from Natural-Immunogenics, of Miami, Florida. This is due to the company's dedication to advancing the science of colloidal silver.

Dr. John Apsley, president of Natural-Immunogenics, Inc., of Miami, Florida, is one of the nation's leading experts on colloidal silver and has extensive clinical, analytical and scientific experience. The following is the second part of our interview with Dr. Apsley.

HL *In terms of maintaining the highest quality colloidal silver products, what kind of research is ongoing at Natural-Immunogenics?*

JA At Natural-Immunogenics, we're vitally interested in being better than any of our competitors. Thus, as a matter of due diligence, we have tested some 63 different colloidal silver products to verify label claims and compare their products with our product, **Sovereign Silver**. While a few products not available through health food stores have been tested that are close to their label claims and would be considered acceptable, the vast majority of colloidal silver products, now available (including those that are homemade) are highly aggregated (clustered), meaning they are not maximally dispersed, or they are not being produced at the concentration listed on their label, or their product contains large amounts of inactive silver.

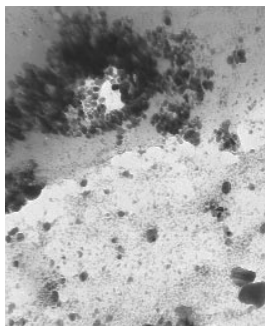
HL *Bottom line, what does this mean to colloidal silver consumers?*

JA As you know, we do not make disease claims. But these are the key reasons why, when we do microbial testing to verify our quality control and good manufacturing processes (GMPs), we have always found that our **Sovereign Silver** is far superior to competing brands. Of course, the test tube is a long way from the human body, but, in this context, our quality control methods reveal the innermost benefits or inadequacies to these various products. And their benefits are only remotely related to their concentration of silver; only the quality of their silver content matters most. For

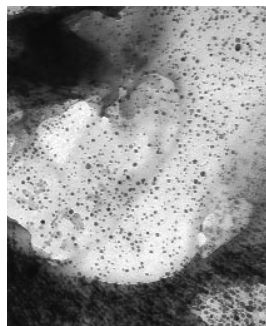
us, these 63 different tests have taught us that it is the triumph of quality over quantity that matters most.

In other words, *less is more* when particle size and dispersion are the highest priority, and goes the farthest, as with **Sovereign Silver**.

HL *A picture being worth a thousand words, we've included micrographs of various colloidal silver*



Typical Colloidal Silver Preparations



Sovereign Silver

products. Tell us about these and what they should indicate to consumers seeking quality colloidal silver formulas.

JA Now you can finally actually see what I have *been* saying—colloidal silver derives its potency and benefits from particle size and energy. As you can see from these micrographs, there are many clumps of silver in all of them but the last (which is **Sovereign Silver**).

The clumps of silver are comprised of solid aggregates of silver. Only the silver on the perimeter of these clumps is available to do any meaningful work. The rest is tied up and useless. If a product is 80 percent inaccessible and only 20 percent available, that's a lot of

useless material and concentration means little. Each of these dispersion patterns showing clumps is typical of most commercial brands.

Because we are taking a leadership role in the colloidal silver category, especially as GMPs are developed, we feel we must continually remind consumers as well as colloidal silver manufacturers, retailers and health professionals, it is not quantity but

dispersion that makes a difference. And dispersion only reaches perfection with a uniformity comprised of the smallest, charged particles. Dispersion is clearly an indicator of proper charge and energy. ❖

EDITOR'S NOTE: **Sovereign Silver** from Natural-Immunogenics is the highest quality colloidal silver preparation available to consumers today. It is available at natural health centers, natural pharmacies, and from health professionals. If you need help in finding a store or health professional in your area or need more information on the company's newly introduced professional line, call Natural-Immunogenics toll free at (888) 328-8840.