

SILVER HAS LONG BEEN LAUDED for its superior antibacterial, antifungal and antiviral properties. It has been used for centuries on wounds and against disease. And it is used today in both hospitals and homes for cuts, burns, viral and bacterial infections, and colds, as well as for conditions like chronic fatigue syndrome, rheumatoid arthritis, and bladder disorders. Here at *Healthy Living*, we have examined a variety of silver hydrosol products in an effort to advise our readers about the very best silver formulations. Our review of products, silver hydrosol findings, and manufacturing processes has strengthened our confidence in a recommendation for Sovereign Silver, a high-quality silver hydrosol preparation from Natural-Immunogenics of Pompano Beach, Florida. Here's a closer look at our research.

# MAKING HISTORY WITH Sovereign Silver

By Jennifer Savedge

## THE EVOLUTION OF SILVER

Since the time of the ancients, silver has been regarded as a quality medicinal product. Hippocrates, the "Father of Medicine," used silver for wounds and to help fend off diseases. In 69 BC, silver nitrate was described in the contemporary pharmacopoeia. During the Napoleonic Wars, the armies of Tsar Alexander lined their water caskets with silver to purify the water for drinking. This practice by the Imperial Russian army was continued through World War I and by some units in the Soviet army in World War II. Silver fell into a period of disuse in the 1940s with the development of antibiotics. But interest began to pique again in the 1970s with the emergence of several research studies that clearly showed the efficacy of silver.

Over time, research continued on the silver formula that would prove

most effective on wounds and in helping the body protect itself against disease. Natural-Immunogenics, the maker of Sovereign Silver™, has been at the forefront of that research. Technology today can produce smaller quantities of silver that are vastly more potent than was ever historically possible. Today, Sovereign Silver is making history with its innovative formula that is more advanced and therapeutic than any other silver product in the history of silver.

## ARE ALL SILVER PRODUCTS THE SAME?

Dr. Eric Rentz is a renowned expert in silver hydrosol preparations. He has had an active medical practice since 1985. He is board certified by the American Osteopathic Association in neuromuscular skeletal medicine and osteopathic manipulative medicine and he holds a master of arts degree in organic chemistry. According to Dr. Rentz, when choosing a silver preparation, a silver hydrosol is the only standard for absolute purity. "There is a condition called argyria that occurs when ultraviolet light or sunlight reacts with the salt form of silver in a poorly made

colloidal silver preparation,” he notes. Symptoms of argyria include a discoloration of the skin and the whites of the eyes.

## WHAT TO LOOK FOR WHEN CHOOSING A SILVER PREPARATION

So, how can you tell if a silver product is of good quality? The quality of a silver preparation can be difficult to assess with the naked eye. Nevertheless, there are several ways that a consumer can determine which silver product is the best. Here's what to look for.

- **Clarity.** Dr. Rentz advises his patients to take a close look at the product. The silver particles must be very small in order for them to be utilized by the body most effectively. “If you cannot see through the suspension or preparation, that means the silver particles are too big to be effective,” he adds. Sovereign Silver is a crystal-clear solution that lists pure silver and ultra-pure water as its only two ingredients.
- **Particle Size.** A quality silver product should have a very small particle size in order to be most effective. The smaller the size of the particle, the larger the surface area and the greater its effectiveness. According to Dr. Rentz, “Ideally, you should look for a silver hydrosol preparation with silver particles that are under five nanometers in size, because these can be most easily handled by the liver.” Sovereign Silver contains the smallest particle size of any silver preparation, at a mean size of 0.8 nanometers.
- **Ionization.** When silver is used as a raw material in a silver preparation it is energy neutral. This means that it will not react well with other substances, such as viruses, fungi and bacteria. In order for a silver hydrosol preparation to be effective, it must contain ions of silver, thus the charged particles of silver that react with bacteria, viruses, fungi and other toxins in the body. Unlike most colloidal silver products that contain neutral or less than desirable quantities of free silver ions, Sovereign Silver is composed of 96 percent or more of actively charged silver ions.
- **Concentration.** Less is more when it comes to the efficacy of a silver hydrosol preparation. Many products boast high silver concentrations, but this does not necessarily increase their efficacy, and it may in fact make them less

desirable. The Environmental Protection Agency has established a daily reference dose for silver in drinking water at 350 micrograms and a critical dose at 1,400 micrograms. Sovereign Silver contains a safe low concentration of 10 ppm of silver (one teaspoon equals 50 micrograms), whereas a product that boasts a silver concentration of 250 ppm or more could easily lead to toxicity. In laboratory studies sponsored by Natural-Immunogenics, Sovereign Silver has proven to be even more effective against toxins than formulas with higher concentrations of silver.

- **Reputation.** Numbers and chemical terms may be one thing, but how can you be sure that a silver preparation is true to its label? In order for a silver preparation to truly be considered high quality, it must be manufactured by a company that stands behind its product and offers information on its integrity. Natural-Immunogenics, the manufacturer of Sovereign Silver, provides access to one of the most informational silver libraries on the internet. Their mission is to educate the public about the history of silver and its stunning rebirth as a state-of-the-art therapeutic.

## SOVEREIGN SILVER STANDS OUT

Put it all together, and it's clear that Sovereign Silver from Natural-Immunogenics is the highest-quality silver hydrosol preparation available to consumers today. No other product has such a perfect dispersion of the smallest particle size ever seen, and is therefore almost totally composed of actively charged silver particles.

We are continually impressed with the research that Natural-Immunogenics undertakes in order to ensure the quality of their product. Silver is once again making history, but this time with a formulation that truly merits the consideration of the entire scientific community as well as the intelligent consumer. ■

### REFERENCES

Feng, Q.L., et al. “A mechanistic study of the antibacterial effect of silver ions on *Escherichia coli* and *Staphylococcus aureus*.” *Journal of Biomedical Materials Research*, 2000;52(4):662-8.

## RESOURCES

Sovereign Silver is available at natural health centers, natural pharmacies, and from health professionals. If you need help finding a store or health professional in your area, visit Natural-Immunogenics at [www.sovereignsilver.info](http://www.sovereignsilver.info) or call them toll-free at (888) 328-8840.

