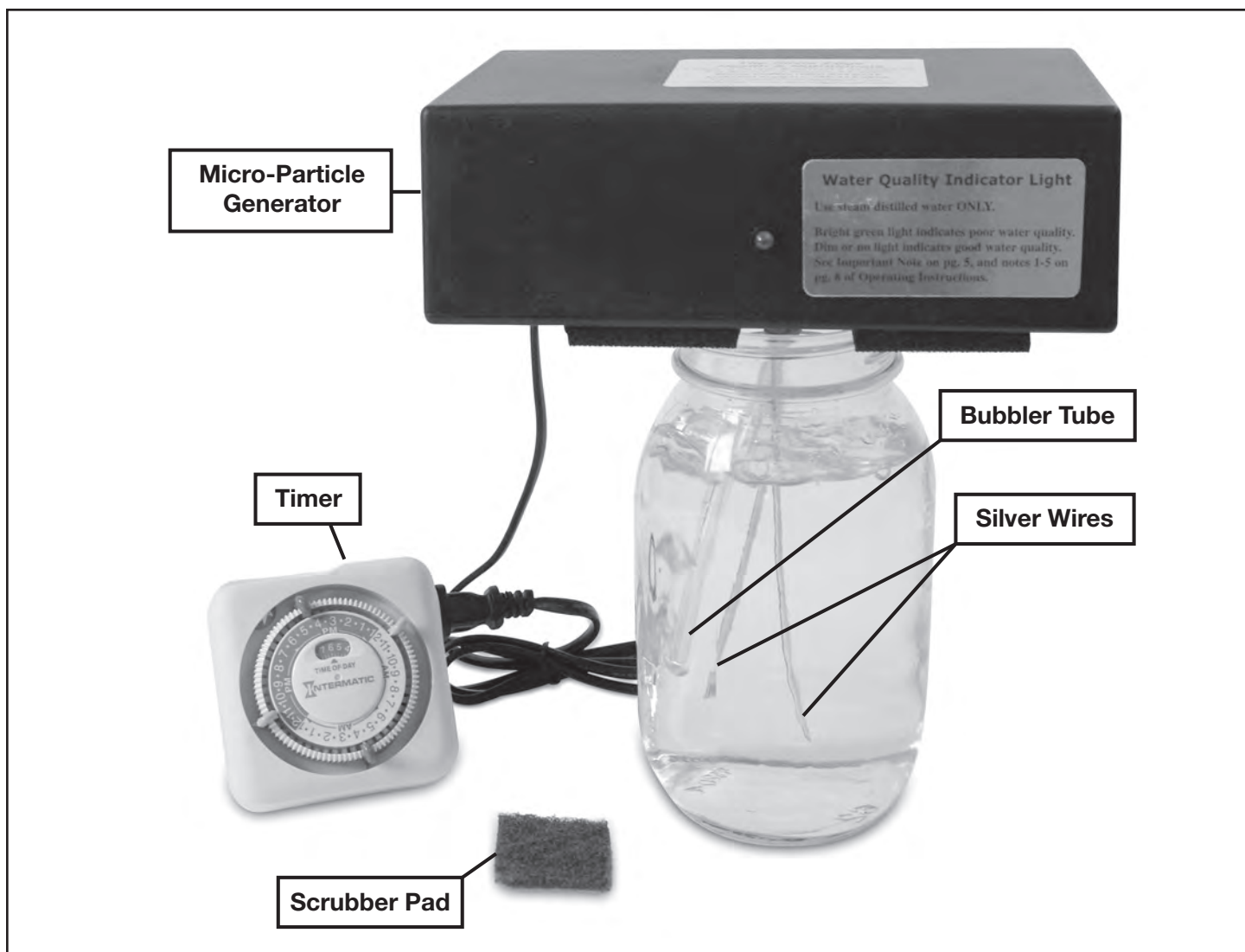




Operating Instructions for

The Micro-Particle Colloidal Silver Generator



PO Box 84910, Phoenix, AZ 85071

Phone Orders and Tech Support (888) 528-0559 * FAX Orders (602) 943-2363

Email: sales@thesilveredge.com * Web site: www.TheSilverEdge.com

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Please Read This Letter and the Accompanying Instructions Carefully BEFORE Using Your New Micro-Particle Colloidal Silver Generator!

Dear Friend,

Congratulations on your decision to purchase the amazing new Micro-Particle Colloidal Silver Generator from The Silver Edge. We know you will enjoy years of fruitful use from your new state-of-the-art generator, which has been carefully manufactured under the most stringent quality control measures. Enclosed you will find your new Micro-Particle colloidal silver generator, two strands of pure .9999 fine 12 gauge silver wire (enough to make many gallons of high-quality colloidal silver under normal use), an appliance timer for timing your batches of micro-particle colloidal silver and automatic shut-off when each batch is finished, and a small scrubber pad for cleaning your silver wires after each use. In short, we have included everything you need to make your own high-quality micro-particle colloidal silver, *except the water and the one-quart glass jar.*

Beginning on the following page you will find the simple, step-by-step INSTRUCTIONS for using these materials to make your own high-quality micro-particle colloidal silver in about 3 hours. Please be sure to read the INSTRUCTIONS carefully before proceeding. Once you've finished making your first batch of high-quality micro-particle colloidal silver, you'll see that it's almost as simple as brewing a cup of tea.

Please note that as the distribution company for the amazing new Micro-Particle Colloidal Silver Generator, we cannot personally answer any questions related to the health or medical use of colloidal silver. We are not doctors. Additionally, under current FDA rules we cannot distribute colloidal silver generators and include literature explaining how to use colloidal silver as a natural antibiotic. Doing so could be construed as "practicing medicine" without a license, according to the medical bureaucrats.

However, our good friends at Life & Health Research Group, LLC. have just published the latest edition of their phenomenal 547-page manual, ***The Ultimate Colloidal Silver Manual: Introducing the Powerful Natural Antibiotic They Want to Take Away From You***, which gives specific detailed information on colloidal silver usage – including micro-particle colloidal silver – to treat a myriad of infections and ill-health conditions. Since they are strictly a publishing company and do not sell colloidal silver generators, they are able to distribute this kind of detailed information without violating the law, in accord with their First Amendment publishing rights. This is literally the most comprehensive manual on colloidal silver available anywhere, at any price. More doctors purchase this manual than any other, because it offers complete dosage information for dozens of infectious illnesses and health problems, and documents every major medical study conducted on colloidal silver from 1897 to the present day, giving you the full details of how colloidal silver has been used to treat common infectious illnesses as well as some of the most serious infections known to man. Plus, this information-packed manual covers theoretical dosage information for use against germ warfare agents, and other vital topics. For additional information, or to order, call **1-888-846-9029**. Or, visit their web site: **www.LifeandHealthResearchGroup.com**. Or write: **Life & Health Research Group, LLC, P.O. Box 35739, Phoenix, AZ 85069**. See the enclosed flyer for more details on this must-have one-of-a-kind publication.

Should you wish to order another Micro-Particle Colloidal Silver Generator as a back-up unit, or for friends or family members, we will be happy to give you the special discounted price of only \$269.95 (plus \$12.95 s&h) per

generator. Please note this special price is discounted from the usual retail price of \$369.95 plus s&h \$12.95 — a full \$100 savings — but it is available for *the next 30 days only*, and **ONLY** to current customers! So be sure to order extra units for friends and family members while these wonderful little machines are still available! To order additional Micro-Particle Colloidal Silver Generators at the special discounted price, just send your check or money order to **The Silver Edge, P.O. Box 84910, Phoenix, AZ 85071** within the next 30 days. Or, to purchase by credit card, call our toll-free Order Line at **1-888-528-0559**.

Also, you can take advantage of our special bulk pricing on extra .9999 fine 12 gauge pure silver wire for your generator. A single “set” of pure .9999 fine silver wire (two, six-inch strips) is \$35. But you can order a 5 foot roll of pure .9999 fine silver wire for only \$150 — which brings your price down to \$30/ft (and should last you about five years under normal usage). Or, get a 10 foot roll of pure .9999 fine silver wire for only \$270 — which brings your price down to \$27/ft. (and should last you about 10 years under normal use). It is probably wise to stock up on additional silver wire for future use, in case there is another supply squeeze like the one we experienced earlier this year in which pure silver wire simply was not available at *any* price. To order, simply call our toll-free Order Line at **1-888-528-0559**. (*Due to the volatility of the cost of silver please call to verify current pricing.*)

Again, congratulations on your purchase of the amazing new Micro-Particle Colloidal Silver Generator. We wish you the very best of health and happiness!

Sincerely,



Steve Barwick
The Silver Edge

Simple Instructions for Making High-Quality Colloidal Silver With Your Micro-Particle Colloidal Silver Generator...

Note: It is *vital* that you read these instructions carefully **before** attempting to make your first batch of colloidal silver! **Be extra sure to carefully read the important WARNING after Steps #5 and #7 below.**

Your brand new Micro-Particle Colloidal Silver Generator Kit contains the following:

- 1 FREE zipper pouch plastic carrying case for your generator and accessories
- 1 Micro-Particle generator box (110/120 volt with AC plug-in)
- 2 six inch strands of 12 gauge, .9999 fine pure silver wire
- 1 standard appliance timer for automatically shutting off your generator when it is done
- 1 small scouring pad with which to clean the silver wires after each use

Note: To make a high-quality micro-particle colloidal silver mineral supplement, you **MUST** use pure steam-distilled water only, available at most large grocery stores or supermarkets for about \$1.00 a gallon or less. Keep your steam-distilled water at room temperature. Do not refrigerate. Do not use tap water, well water, reverse osmosis water or any water other than pure steam-distilled water. **DO NOT ADD SALT OR SALINE SOLUTION WHEN MAKING MICRO-PARTICLE COLLOIDAL SILVER!**

Operation is extremely simple (see photo on cover for proper set-up):

Step #1: You will find two jacks located on the bottom of the generator box, one on each side of the plastic bubbler tube. Push one strand of the enclosed pure silver wire firmly into one of the jacks, and the other strand of pure silver wire firmly into the other jack. They will go in nearly 1/4" before you feel them hit the backstop and "seat" into place.

Step #2: Set the enclosed appliance timer to run for any three hour time period, and plug it into a convenient grounded wall receptacle (standard 110/120 volt GFI household electrical outlet).

Step #3: Fill a one-quart glass jar with pure steam-distilled water (available from any local supermarket). Be sure to leave about a 1" space between the water level and the top of the jar.

Step #4: Place the generator box on top of the quart jar so that the two strands of pure silver wire and the plastic "bubbler" tubing extend into the distilled water. (See photo.)

Step #5: Plug the electrical cord from your generator box into the appliance timer, and turn the wheel on the appliance timer until your generator comes on and you begin to see a steady stream of air bubbles coming out of the plastic "bubbler" tube. (If you do not want to use the appliance timer, you do not have to. You can simply plug your new Micro-Particle unit directly into any standard 110/120 volt GFI household electrical outlet, and then unplug it after three hours running time. The timer is just a convenience. See "Important Safety Warning" below about not plugging the unit in near sources of open water.)

Congratulations! You are now "brewing" a batch of high-quality micro-particle colloidal silver. If you have set the handy appliance timer for a three hour period as instructed, your generator will shut off *automatically* after three hours, providing you with a perfect batch of micro-particle colloidal silver every time!

IMPORTANT SAFETY WARNING: As with *any* household appliance that plugs into AC household current, there is risk of injury or death by electric shock if you place the plugged-in unit where it can fall, or be pulled, into an open source of water such as a tub, sink, toilet or other. Therefore, for safety's sake you should NEVER use this unit near an open source of water such as a kitchen sink, tub, toilet, etc. Additionally, you should never make colloidal silver in a container that is big enough for the generator to fall in to. Make sure the mouth of the container is small enough that the generator box cannot fall into it. (See photo on cover page.) Important Note: For maximum safety, it is always best to plug your unit into a GFI household receptacle. Also, be careful not to allow the container you are making colloidal silver in to be knocked over during the colloidal silver-making process. If the unit falls into water, or water is spilled on or near it when it is plugged in, unplug it immediately. **DO NOT REACH INTO THE WATER.** Not for use by children. Warn children of risk of death by electric shock.

Step 6: Once the generator has run for the proper length of time (see Step #2 above for proper running time), simply unplug it from the appliance timer, or from the electrical outlet if you did not use the appliance timer. **DO NOT LEAVE YOUR GENERATOR PLUGGED IN AFTER USE.**

Step 7: After you have unplugged your generator box from the appliance timer, simply lift the generator box up from the quart glass jar, and pull the two silver rods out of the jacks at the bottom of the generator box. You may notice that on occasion one of the silver electrodes may become darker during the colloidal silver-making process. This oxidation, or "tarnish" is perfectly normal. Sometimes only the positive silver electrode becomes tarnished. Sometimes both will. And frequently, neither will. It does not matter whether the silver electrodes tarnish during the colloidal silver-making process, or not. Your generator is working perfectly fine, regardless. If either silver rod tarnishes during the colloidal silver-making process, simply wait until the process is over, take your little green scrubby pad (enclosed) and clean the oxidized silver rod(s) off until it is shiny again. It only takes about 15 seconds. **WARNING: BE ABSOLUTELY SURE THAT YOU HAVE UNPLUGGED YOUR GENERATOR BEFORE PULLING YOUR SILVER WIRES OUT OF THE JACKS FOR CLEANING. HANDLING WET SILVER ELECTRODES WHILE THE GENERATOR IS PLUGGED IN CAN RESULT IN A LIGHT (BUT QUITE NOTICEABLE) ELECTRICAL SHOCK.**

Step 8: Be sure to use a dry towel to gently pat dry any water that may have splashed onto the bottom of the generator box during the colloidal silver-making process. Then, put the generator box, silver wire and all of the supplies, along with these Operating Instructions, back into the handy zipper pouch carrying case for later use.

You now have a perfect one-quart batch of micro-particle colloidal silver, in a range of 7-10 ppm.

Two Important Notes

Important note on the use of saline solution: Many people are used to making colloidal silver with tiny generators that require the use of saline solution as an electrolyte. By adding saline solution to the distilled water, they are able to see a fine silvery mist coming off of the two silver rods into the water. You do not use saline solution to produce micro-particle colloidal silver with your new Micro-Particle Colloidal Silver Generator. Therefore, when making micro-particle colloidal silver, you will not be able to see the colloidal silver coming off of the silver wires during the process. Using saline solution defeats the purpose of this generator, which is to make a high-quality *micro-particle* solution. Using saline solution always results in larger silver particles. When correctly made, the silver particles produced by your new Micro-Particle Colloidal Silver Generator are so small (as small as .0008 microns) *they are completely invisible to the naked eye*. Even if you go into a dark room and shine a bright red laser light through the solution, you will only be able to see a faint red line (if anything at all) in the solution, because the silver particles are so small they barely reflect laser light. This is as close to “dissolved” silver particles as you can get. They are so small you would need access to a powerful Transmission Electron Microscope to see them all. (See the Transmission Electron Microscope photo on our web site at www.TheSilverEdge.com/mp5.shtml, which was taken at 175,000x magnification, showing literally thousands of these tiny silver micro-particles in just several small drops of colloidal silver solution or see page 14 of this report.)

Important note on the use of pure steam-distilled water: To make pure micro-particle colloidal silver, you must use water that is *mineral free*. This means you must always use pure steam-distilled water only, which is generally available at any large supermarket for under \$1 per gallon. However, on rare occasion some store-bought distilled water may not be of a pure enough quality, meaning it may have a small amount of mineral content in it even though it was factory distilled. (Similarly, there are some home water distillers that may not produce a completely pure, mineral-free distilled water.) The way to tell if your distilled water is pure and mineral-free is by the little green light on the generator box. When making micro-particle colloidal silver in pure steam-distilled water the little green light on your generator box should NOT glow brightly. It should glow only faintly (i.e., to the point that you would have to cup your hand over the light and peer into the darkness to see it), or not at all during the entire three hour process. If the green light glows brightly at the beginning of the process (i.e., to the point you can see it glowing from across a well lit room), it means there is excess mineral content in the water you are using. The mineral content increases the electrical conductivity of the water, which in turn makes the green light glow so brightly you can clearly see it from across a room. If your green light glows brightly at the beginning of the three hour generation process, this means that the steam-distilled water you are using was either mislabeled or is simply not a high enough quality, and you need to find another brand. This is a very rare problem when using store-bought distilled water, but it does happen once in a long while. The problem is simply remedied by switching to a better quality brand of pure steam-distilled water. We do not recommend any particular brand of steam-distilled water, because brand names vary across the country, and for the most part they are all good. Distilling your own water with a home water distiller is also an option. However, we do not generally recommend it because most home water distillers leave a small amount of mineral content in the water. If you distill your own water at home, you can tell if it is mineral free simply by making some micro-particle silver with it. Again, if the green light glows brightly at the beginning of the process, your distilled water still has mineral content in it. Sometimes this can be remedied by double or even triple distilling the water with your home distiller. However, we have found it much easier and cost-effective to simply buy a few gallons of pure distilled water from a local supermarket.

Additional Important Tips:

Tip #1: Keep Your Colloidal Silver Out of Bright Light or Direct Sunlight: Colloidal silver is extremely light sensitive. Exposure to light for extended periods of time will begin to oxidize the silver, and will start causing the silver particles to “glom” together in the solution (this is called agglomeration), resulting in larger particles. Therefore, it is best to make your colloidal silver in a darkened room. Or, simply place a cardboard box over your generator and quart jar when making colloidal silver, in order to keep the light out. In order to keep light from oxidizing your colloidal silver solution while it is in storage, you should always store it in opaque or darkly tinted glass bottles, and keep it *at room temperature* (never refrigerate) in a dark area such as a cupboard. Tinted glass storage bottles in 8 oz., 16 oz. and 32 oz. sizes can be ordered inexpensively through almost any good health food store. Or, they can be purchased inexpensively from **www.essentialsupplies.com** at: **1-562-802-0515**. Just ask for “amber glass Boston Round bottles with plastic lids” in 8 oz., 16 oz. or 32 oz. sizes. If you cannot find a darkly tinted glass bottle, simply use a clear glass bottle or jar, and store it inside of a brown paper bag, such as a lunch sack. Tinted glass prune juice bottles or dark brown glass Ovaltine bottles from your local grocery store work well also, as do tinted wine or beer bottles (Wal-Mart sells inexpensive cork stoppers that work perfectly for empty wine or beer bottles).

Tip #2: Never store colloidal silver in a metal container or plastic bottles. Metal containers will neutralize the electrical charge held by the silver particles, and ruin the potency of your colloidal silver. Plastic bottles are notorious for picking up static electricity, which can also gradually ruin the electrical charge on your silver particles. This will cause your silver particles to fall out of suspension and coat the sides and bottom of the plastic bottle. It is best to always use glass containers for making and storing colloidal silver.

Tip #3: Do NOT refrigerate. When colloidal silver gets cold, the electrically charged silver particles suspended in the water will begin to fall out of suspension, severely diminishing the potency. Always store at room temperature for best results.

Tip #4: Do not store your colloidal silver near speaker cabinets, television, microwave, radio or other strong magnetic fields. Magnetic fields will affect the electrical charge on your silver particles, and diminish potency. Full potency can be retained for many months when properly stored.

Tip #5: Where to get additional 12 gauge .9999 fine silver wire: You can purchase additional silver rods (consisting of 12 gauge ultra-pure .9999 fine silver) directly from The Silver Edge. The regular price is \$35 for each set, consisting of two 6-inch strands. Each set will last approximately one year under normal usage (often longer). Or, you can purchase silver wire in bulk and save a significant sum of money. You can order a 5 foot roll of pure .9999 fine 12 gauge silver wire for only \$150 — which brings your price down to \$30/ft (and should last you about five years under normal usage). Or, you can get a 10 foot roll for only \$270 — which brings your price down to \$27/ft. (and should last you about 10 years under normal use). Or, get a 20 foot roll for only \$490 — which brings your price down to only \$24.50 per foot (and should last you for a lifetime). It is probably wise to stock up on additional silver wire for future use, in case there is another supply squeeze like the one we experienced earlier this year in which pure silver wire simply was not available at *any* price. To order, simply call our toll-free Order Line at **1-888-528-0559**. *(Due to the volatility of the cost of silver please call to verify current pricing.)*

Guarantee, Limited One-Year Warranty and Repair Information:

Your brand new Micro-Particle Colloidal Silver Generator is protected by our 30 day money-back guarantee of complete satisfaction. If you are dissatisfied, simply return it along with all components in new, re-saleable condition within 30 days, by calling for a Return Authorization Number at **1-888-528-0559**. Generators that are returned to The Silver Edge *without* a return authorization number will be refused. We are not responsible for the return to you of items we have refused to accept. Nor are we responsible for the condition of items that are refused. When returning a colloidal silver generator to us for ANY REASON, you will need to write the Return Authorization Number on the outside of your package, below or to the left of your return address. Also, please do not call to request an exchange or “trade-in” of this generator for other models, or vice-versa. We will not be able to honor such requests.

Your generator is warranted against defects in workmanship for one full year from the date of purchase. The warranty covers only the generator box and its contents. It does not cover the silver wire, carrying case, appliance timer, or other implements included with the generator. If the generator box fails to work *call our Technical Support line at 1-888-528-0559* so we can trouble shoot it over the phone and ascertain whether or not the unit needs to be returned for repair or replacement (at our discretion) and so we can assign you a Return Authorization Number. Additionally, it is important to note that your new Micro-Particle Colloidal Silver Generator is NOT warranted against damage due to neglect or abuse of any kind. Although this unit is built with the highest quality electrical components and has been specially constructed to last for a lifetime’s worth of use, *it is not indestructible*. The customer is solely responsible for any damage caused by neglect, abuse or misuse.

(Important Legal Notice: 30 day money back guarantee. One year limited warranty. We are not responsible for use or misuse of this product. A licensed health care practitioner should **always** be consulted before you embark on any course of treatment or prevention. As with *any* mineral or nutrient supplement, there is always the possibility of allergic reaction or harm of some kind. Some individuals are particularly allergic to minerals such as silver, and should therefore not use colloidal silver. As with all household electrical products, there is a risk of injury or death due to electrical shock, which must be borne solely by the customer. Carefully read the important WARNINGS printed in the instructions. In using the colloidal silver generator, *customer specifically agrees to indemnify and hold Silver Bullet Health & Nutritionals, Inc. (d.b.a. The Silver Edge) harmless against any and all claims or liabilities arising out of the use of any information or products sold by Silver Bullet Health & Nutritionals, Inc. including but not limited to the handling, operating or application of products by the customer or anyone directly or indirectly obtaining information or products through customer.* By using the information obtained herein, or using or purchasing products, information or services described herein the Customer willingly assumes all risks in connection with such use. Neither Silver Bullet Health & Nutritionals, Inc., the author(s) nor any associates shall be held responsible for errors, omissions in information herein, nor liable for any special, consequential, or exemplary damages resulting, in whole or in part, from any customer(s)’ or reader(s)’ use of or reliance upon, this material or products. Customer specifically acknowledges that all products and/or information provided by Silver Bullet Health & Nutritionals, Inc. are provided for information purposes only! Silver Bullet Health & Nutritionals, Inc. specifically disclaims any representation for the accuracy or completeness of any and all information provided whether material is authored by Silver Bullet Health & Nutritionals, Inc. directly or by third party references and sources. Customer specifically acknowledges that Silver Bullet Health & Nutritionals, Inc. is NOT providing medical advice to customers or anyone else. All medically related information obtained by any means from Silver Bullet Health & Nutritionals, Inc. is provided solely for informational purposes under the First Amendment to the U.S. Constitution, and should not be used for treatment of any condition without the advice and supervision of a licensed and qualified physician! All elements of this disclaimer which refer to Silver Bullet Health & Nutritionals, Inc. also apply to the principles of said company. VOID WHERE PROHIBITED.)

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IMPORTANT ADDENDUM TO YOUR OPERATING INSTRUCTIONS FOR MAKING MICRO-PARTICLE COLLOIDAL SILVER!

- 1.) Before using your new Micro-Particle Colloidal Silver Generator, please be sure to read the simple Operating Instructions on pages three through five completely!
- 2.) Do not lose your Operating Instructions brochure. Keep it with your new Micro-Particle Colloidal Silver Generator.
- 3.) When you are ready to make colloidal silver, be sure to push the two strands of pure silver wire (i.e., silver electrodes) **FIRMLY** into the two jacks in the bottom of your new Micro-Particle generator, so they do not fall out during the colloidal silver-making process. They will go in nearly 1/4" before you feel them hit the backstop.
- 4.) Be sure to use only pure steam-distilled water when making colloidal silver. At discount stores like Wal-Mart, one gallon of pure steam-distilled water costs as little as \$1.00. Steam-distilled water is also available inexpensively at most major supermarkets. Water produced by reverse osmosis is NOT equivalent to pure steam-distilled water, so do not use it to make colloidal silver. Do NOT use tap water, spring water, well water, reverse osmosis water, or anything other than pure steam-distilled water. This is very important for the production of micro-particle colloidal silver!
- 5.) Do not become concerned if the green light on the generator box glows only dimly, or does not glow at all during the process of making colloidal silver. This is completely normal when you are using a good, high-quality steam-distilled water to produce your colloidal silver solution. (See "Important Note on Use of Steam Distilled Water" on page 5 for more on this subject.) The green light on this generator functions as a built-in water resistance tester. The built-in water resistance tester allows you to know immediately whether the water you are using is superior non-conductive steam-distilled water, or inferior mineral-laden highly-conductive water masquerading as steam-distilled water. Here's how it works: If at the very start of the colloidal silver-making process the green light on the box glows brightly, to the point you can see it all the way across a well-lit room, then the water you are using to make colloidal silver is too highly mineralized (i.e., too conductive) for making silver micro-particles. If the green light on the box glows only dimly or even not at all, then you can rest assured that the water has low-to-no mineral content (i.e., extremely low conductivity) and is thus *perfect* for making silver micro-particles. In short, the built-in water resistance tester allows you to know right from the start whether or not the distilled water you are using is high enough quality to produce silver micro-particles. To our knowledge, no other colloidal silver generator provides this important feature. (If the distilled water you are using is shown to be of

inferior quality, simply switch brands. Believe it or not, with only a few exceptions we have found Wal-Mart brand steam-distilled water to be excellent, and it only costs about \$1.00 a gallon, compared to \$1.50 or more per gallon for supermarket purchased brands.)

6.) Colloidal silver made with your new Micro-Particle Colloidal Silver Generator will be perfectly clear when made correctly. If the solution is not perfectly clear at the end of the process, you are probably not using pure steam-distilled water. You may have purchased a bottle of water that was mislabelled as “distilled” by the manufacturer, or that was produced by a method other than steam distillation. In such a case, switching brands of distilled water usually resolves the problem. Some customers try to make their own distilled water with home distillers. Some home distillers – even expensive ones – make very poor quality distilled water (in spite of claims by their manufacturers). Your new Micro-Particle Colloidal Silver Generator is made for use with pure steam-distilled water only. In our experience, store bought steam-distilled water is usually the best. See #5 above to learn how to tell whether or not the water you are using is of a high enough quality to make silver micro-particles.

7.) Some customers have purchased modified TDS meters with which to measure the concentration (i.e., the parts per million, or “ppm”) of silver particles in their colloidal silver solutions. These relatively crude battery-operated hand-held devices are made for measuring the concentration of naturally occurring minerals (such as calcium, lime or rust) in water. No matter what you are told by unscrupulous sellers of these devices, they simply are not made for measuring tiny, sub-microscopic electrically charged particles of colloidal silver, nor can they be “modified” to read them. While TDS meters can indeed detect the presence of larger silver particles and silver particle agglomerates ranging in size from 2 microns up to 20 microns and higher, they simply cannot measure tiny silver micro-particles which are frequently as small as .0008 microns – i.e., eight one-thousandths of a *single* micron! This is so small that it requires the use of a multi-million dollar Transmission Electron Microscope (TEM) operating at a whopping 175,000x magnification to detect them. (See the TEM image of micro-particle colloidal silver on our web site at www.TheSilverEdge.com/mp5.shtml) The gold standard for determining the actual concentration (i.e., ppm) of silver particles in a colloidal silver solution is called Atomic Absorption Analysis Mass Flame Spectrophotometry. It is a test which must be conducted in a professional laboratory by technicians skilled in the use of this very precise, one hundred thousand dollar piece of laboratory equipment. At most quality labs, the cost for testing the ppm of colloidal silver can be as much as \$300 to \$350 or more per batch tested. You simply cannot expect a \$69 TDS meter to provide similar results. We have had the colloidal silver solutions produced by the Micro-Particle Colloidal Silver Generator lab tested with AAAMFS as well as with Transmission Electron Microscopy (TEM). An optimal three hour batch ranges between 7-10 ppm, and the silver micro-particles are as small as .0008 microns – so small, it is as close to being dissolved as you can get. (See “Testing Your Micro-Particle Colloidal Silver Solution” below for a simple home test that will allow you to “see” your silver micro-particles using a common laser pointer light.)

8.) Some people can clearly taste the slight metallic taste in their solution after they have finished making a batch of micro-particle colloidal silver. But others say they cannot taste it at all. When we check their machine, everything is working fine. Like everything else, our taste buds change significantly as we age, so you should not be concerned if you cannot “taste” the

slight metallic taste of your micro-particle colloidal silver solution. Rest assured that there are literally millions of tiny micro-particles of silver in every batch you make. (See section on testing your micro-particle solution below.)

9.) During the process of making colloidal silver, one of your silver electrodes may “tarnish” slightly i.e., turn a light grey color. This is the positive silver electrode, which may get a light coating of silver oxide on it due to electrolysis as silver particles are dispersed into the water. Occasionally both silver electrodes will tarnish. And often, *neither* will. This may vary from batch to batch. It is perfectly normal. It all depends upon the pH of the distilled water you are using, the water temperature, the mineral content of the water and other factors. It does not matter whether or not either of the silver electrodes turns grey during the colloidal silver-making process. Either way, your machine is still working fine and producing high-quality micro-particle colloidal silver (see “Testing Your Micro-Particle Colloidal Silver Solution” below for a simple home test). When the colloidal silver-making process is finished, be sure to unplug the unit, and then wipe the two silver rods with a paper towel to remove any oxide tarnish. If need be, you can lightly scrub the two silver rods with the enclosed little green scrubby pad to remove any excess oxide tarnish before your next use.

10.) Making higher concentrations of micro-particle colloidal silver – The new Micro-Particle Colloidal Silver Generator is specifically designed to give you a concentration of about 7-10 ppm in three hours of running time, using one quart of pure steam-distilled water. Hence, if three hours of running time produces a concentration of about 10 ppm...then six hours would produce about 20 ppm...9 hours would produce about 30 ppm...etc. However, it is not necessary to produce higher concentrations of micro-particle colloidal silver. Here’s why: When taking standard colloidal silver, the human body is able to absorb and utilize maybe only 20% to 30% of the ingested silver particles. The other 70% to 80% of the silver particles simply pass through your system unused. They go in one end, and out the other, because they are generally too large for the body to effectively absorb and utilize them. Hence, many people using standard colloidal silver will take increasingly larger concentrations (i.e., 20 ppm...30 ppm...40 ppm or higher) in an effort to absorb more silver particles. They figure it is better to absorb 20% of a 20 ppm concentration than 20% of a 10 ppm concentration. And that may well be so. However, micro-particle colloidal silver is quite different. With micro-particle colloidal silver, the human body can absorb as much as 100% of the ingested silver particles, rather than only 20% or 30%. This, of course, is because the particles are so much smaller than standard colloidal silver particles – so small, they are about as close to being “dissolved” as possible. So you don’t really need to take higher concentrations of micro-particle colloidal silver, because you get such a high absorption and utilization rate. That’s the whole point of using micro-particle colloidal silver. You get superior absorption, so high concentrations become unnecessary. The vast majority of our customers who use the Micro-Particle Colloidal Silver Generator make concentrations of only 10 ppm, because of the superior absorption and utilization of those tiny micro-particles by the human body.

Testing Your Micro-Particle Colloidal Silver Generator

Because micro-particle colloidal silver is so small it generally cannot be detected except under a powerful multi-million-dollar Transmission Electron Microscope (TEM), some customers begin to worry that their new Micro-Particle Colloidal Silver Generator is not producing silver particles at all during the colloidal silver-making process. They want to visibly “see” the silver micro-particles as proof that their generator is working.

Simple Laser Light Test

If you want to make sure there are silver particles in your solution after you’ve made a batch of colloidal silver, you can perform a simple home laser light test. See my short video of how to perform this test, here:

<https://thesilveredge.com/video-the-laser-pointer-light-test-for-colloidal-silver/>

While this test won’t give you a measurement of the ppm, or concentration, it allows you to see visually that there are indeed billions of tiny silver particles suspended in your colloidal silver solution.

In other words, it allows you to answer the often-asked question, “How do I know there are actually silver particles in this solution?”

To do this test, you’ll need one of those little red laser pointer lights, available through online sources for under \$20 (or at your local big box store for under \$5).

Here’s how it works:

First, simply pour about four or five ounces of colloidal silver into a clear drinking glass, and then go into a dark room and shine a red laser pointer light down (from the top) into the solution (don’t shine it into your eyes, as it can cause eye damage). You’ll be able to see a thin red beam of red light shining through the solution.

That’s because the red laser light reflects off the tiny silver particles in the solution. This is your evidence that you actually have billions of tiny, microscopic silver particles suspended by their electrical charge in the solution.

Were you to perform the same test using plain old distilled water, you’d see no red light shining through the water whatsoever, because there is no mineral content in the plain distilled water for the red laser light to reflect off of.

When shining a red laser light into your colloidal silver solution, the light shining through the solution will be very bright if the silver particles are particularly large. That’s because they have a larger reflective surface, and therefore reflect more of the red laser light.

But if the silver particles are particularly small, you’ll see a thinner, much more faint red light shining through the solution. That’s because the smaller silver particles have less reflective surface.

Either way, you can shine the red laser light all through the solution, and the red beam you'll see demonstrates the fact that the solution is literally teeming with billions upon billions of tiny silver particles suspended in the solution by their electrical charge.

If you look closely at the red beam in the solution (again, never shine it into your eyes, as this can cause injury or blindness), you might even see what appears to be movement of the tiny silver particles through the thin beam of red light, as if the silver particles were “dancing” in and out of the red beam. You might even see occasional tiny “flashes” in the red laser beam light.

Here's what's happening: Thanks to the positive electrical charge on each silver particle in the solution, these silver particles are in a constant state of motion referred to in science as Brownian motion.

Similar to the way a magnet will repel another magnet if you attempt to touch their like poles together (i.e., positive to positive, or negative to negative), the positive electrical charge on these billions and billions of silver particles in a colloidal silver solution also cause them to repel one another sharply as they come into close proximity with each other.

This keeps all the silver particles in the solution constantly moving, as if every human being on the planet were to suddenly start dancing with each other – no one touching each other, but nevertheless creating a bustling “hive” (so to speak) of non-stop activity everywhere you look.

Only in the case of a colloidal silver solution, it's electro-magnetically propelled activity. What you are seeing flashing through the red laser light beam, if you could look closely enough, are millions of sub-microscopic silver particles separated from each other by their positive electrical charge, appearing to “dance” or even “flash” through the red beam.

Conclusion

It is often difficult for some people to accept new advances in science and technology. But the new Micro-Particle Colloidal Silver Generator is indeed one of the greatest advances in colloidal silver-making technology ever.

Finally, please note the photo-reproduction on the next page from the recent independent laboratory testing we have had conducted on the micro-particle colloidal silver produced by our new Micro-Particle Colloidal Silver Generator.

Using high-powered Transmission Electron Microscopy (TEM), these particle sizing tests, conducted at a staggering 175,000x magnification, clearly show the many thousands of tiny sub-microscopic silver particles that can be found in just *several small drops* of micro-particle colloidal silver! Yet while there are literally thousands of tiny silver particles in every drop, the solution itself remains *crystal clear* because the silver particles are so small they are as close to being dissolved as possible.

Remember, the tiny dot-like silver particles shown in the image below have been magnified an incredible 175,000 times so you can see them!

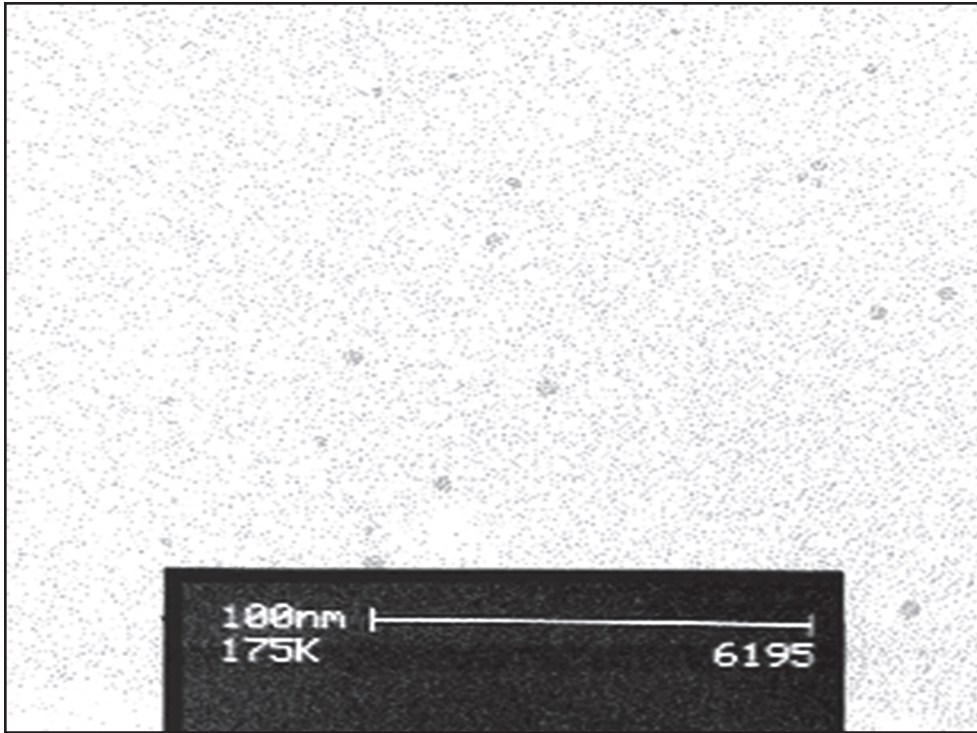


Figure 1: TEM image of micro-particle colloidal silver taken at super-high magnification (175,000x). Note the many tens of thousands of tiny spherical shapes, and the even dispersion of these tiny silver particles with very few agglomerates. Many particles are well below 1 nm, with some as low as .0008 microns or even lower. This is approximately 7-10 ppm in total silver concentration. To understand how small these particles are, it should be noted that the average human red blood cell, which is invisible to the naked eye, can easily be seen, with staining, under a standard optical microscope operating at only 1,000x magnification. Similarly, standard sized silver particles can be seen under a Transmission Electron Microscope operating at about 20,000x to 30,000x magnification. Yet the magnification required to detect these tiny silver micro-particles was a staggering 175,000x. What's more, the many tens of thousands of tiny micro-particles shown in the TEM image above represent the amount found in a just several small *drops* of the micro-particle colloidal silver solution. Yet due to the very small particle size, the particles are not visible to the naked eye, and the colloidal silver solution itself remains crystal clear once produced. This is extremely high quality colloidal silver.

(Due to image reproduction limitations with printing, the above image may not be as sharp as the original. For a better view of these tiny silver micro-particles, see the related TEM image on the internet at <https://thesilveredge.com/tem-image/>)

(TEM image and accompanying text Copyright 2023 The Silver Edge, P.O. BOX 84910, Phoenix, AZ 85071. Absolutely no reproduction.)

TECHNICAL SUPPORT: If you have any technical questions or problems with your new Micro-Particle Colloidal Silver Generator, please email us at techsupport@thesilveredge.com, or call our technical support line at **1-888-528-0559** and leave a message briefly explaining your question or problem, and we will return your call as quickly as possible. Please do not call the toll-free order line with questions about your generator. They are order-takers only, and do not know anything about the technical aspects of the generators. Please do not call with health or medical-related questions. We are not doctors, and will not be able to answer such questions. Thanks!

Important Note and Disclaimer: Nothing stated in this Information Packet should be construed to be medical advice for dealing with a given health condition. Nor should anything be construed as making medical claims for colloidal silver. The Micro-Particle Colloidal Silver Generator is not intended for use in diagnosing, treating, curing or preventing any disease. This unit is simply recommended as a means by which you can produce a high-quality colloidal silver solution, quickly and easily in the privacy of your own home, for only pennies per gallon rather than the exorbitant prices charged by health food stores. You should always consult your qualified health care professional for individual guidance for specific health problems. The information on colloidal silver is from the public domain, and presented strictly for informational and educational use only. Information conveyed herein is from sources deemed to be accurate and reliable, but no guarantee is made in regards to the accuracy and reliability thereof. No claims whatsoever can be made as to the specific benefits accruing from the use of colloidal silver. The Silver Edge specifically disclaim responsibility or liability for any loss or hardship that may be incurred as a result of the use or application of colloidal silver, or of any information included in this Information Packet. Anyone with additional information on colloidal silver is encouraged to write to The Silver Edge at the address below, so that it can be shared with others who may be interested.

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What Is Silver Colloid? Colloidal silver is the result of an electromagnetic process that pulls submicroscopic particles of silver (.01 to .004 microns) from a larger piece of pure silver into water. These particles are held in suspension by the tiny electric charge on each atom. When ingested, these minute particles can easily travel throughout the body before being excreted through the body's normal elimination channels. According to science writer Jim Powell in the March 1978 issue of *Science Digest*, "Thanks to eye-opening research, silver is emerging as a wonder of modern medicine. An antibiotic kills perhaps a half-dozen different disease organisms, but silver kills some 650. Resistant strains fail to develop. Moreover, silver is virtually non-toxic."

Dr. Robert O. Becker, MD, noted bio-medical researcher from Syracuse Medical University, and author of the best selling books *The Body Electric* and *Cross Currents*, recognized a distinct correlation between low silver levels and sickness. He said silver deficiency is often responsible for the improper functioning of the immune system. Regarding the innate ability of metallic silver to control infection, Dr. Becker said, "*All of the organisms that we tested were sensitive to the electrically generated silver ion, including some that were resistant to all known antibiotics.*" Regarding the safety of silver, he said, "*In no case were any undesirable side effects of the silver treatment apparent.*" What's more, Alfred Searle, founder of the global Searle Pharmaceuticals conglomerate, wrote in 1919 that "*Applying colloidal silver to human subjects has been done in a large number of cases with astonishingly successful results. For internal administration...it has the advantage of being rapidly fatal to parasites without toxic action on its host. It is quite stable. It protects rabbits from ten times the lethal dose of tetanus or diphtheria toxin.*"

How Does It Work? – Scientists say colloidal silver works as a catalyst, disabling the enzyme that one-celled bacteria, fungi and viruses use for their respiration and metabolism. Unlike with antibiotics, resistant strains have never been known to develop. In fact, experts say that very few known disease-causing organisms tested have been able to live in the presence of even minute traces of the chemical element of metallic silver known as colloidal silver.

When Is It Used? – Here is a small sample of diseases against which colloidal silver has been used successfully, according to medical texts: acne, allergies, appendicitis, arthritis, blood parasites, bubonic plague, burns (topical silver is one of the few treatments that can keep severe burn patients alive), cancer, candida, cholera, chronic fatigue, colds and flu, conjunctivitis, diabetes, gonorrhea, hay fever, herpes, leprosy, leukemia, lupus, lymphangitis, Lyme disease, malaria, meningitis, parasitic infections both viral and fungal, pneumonia, rheumatism, ringworm, scarlet fever, septic conditions of the eyes, ears, mouth and throat, shingles, skin cancer, staph infections, strep infections, syphilis, toxemia, trenchfoot, certain viruses, warts and stomach ulcers.

What About Pets and the Garden? – Experienced users claim colloidal silver has many veterinary uses, such as healing burns and infections, and is also an effective treatment against the dreaded canine parvo virus. Just add it to your pet's water or food on occasion as a nutritional supplement to help keep your pet healthy and infection-free. You'll also find colloidal silver very handy in the garden since it can be used against bacterial, fungal and viral attacks on plants. Simply spray 10 ppm colloidal silver on the leaves, and add some to the soil at the plant's base.

On Vacation? – According to the experts, colloidal silver can be used to purify drinking water. Adding 1 oz. of colloidal silver per gallon to purify

drinking water of microorganisms is the general recommendation in most publications we've seen. Experts also say colloidal silver used internally is one of the best nutritional antidotes for food poisoning. Some researchers suggest taking four ounces every half hour for several hours, until symptoms subside. Don't go on vacation without it! (Always consult with a licensed health care practitioner for serious health conditions.)

What Doesn't Colloidal Silver Do? – It is not known to interact with any other medications. It doesn't upset the stomach, and is, in fact, considered by many experienced users to be a digestive aid.

The Bottom Line: – Colloidal silver has been used with excellent results under the most demanding health care circumstances for nearly a century. It is clearly making a dramatic comeback as one of the stars of modern medicine, and it may well turn out to be the answer to today's horrifying infectious disease crisis in which pharmaceutical antibiotics are no longer able to fight against pathogenic microorganisms as well as they could in the past, due to the development of resistant strains. Nevertheless, it is vital that simple common-sense be used when taking any nutrient or mineral for any purpose, including for general health and well-being purposes. Although properly prepared colloidal silver has generally been regarded as safe and side-effect free throughout its many decades of usage, it is essential to understand that long-term excessive use of any substance — even a "natural" substance like colloidal silver — can under certain circumstances result in serious harm. Therefore, you are strongly urged to use common sense when taking colloidal silver, or any health supplement.

For comprehensive documented information on the powerful natural antibiotic qualities of colloidal silver, and specific dosage information for literally dozens of infectious illnesses and diseases, you can order a copy of the recently expanded 547-page edition of *The Ultimate Colloidal Silver Manual: Introducing the Powerful Natural Antibiotic They Want to Take Away From You*. Available from **Life & Health Research Group, LLC, P.O. Box 35739, Phoenix, AZ 85069**. See www.LifeandHealthResearchGroup.com. Or call toll-free: **1-888-846-9029**. See the enclosed flyer for more important details on this vital, must-have publication.

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