CENTER FOR FOOD SAFETY Nano-Silver in Food and Food Contact Products

PRODUCT	TYPE OF PRODUCT	COMPANY	Country of Origin	Marketing Claim
Silver-nano Noble one-touch mug cup	Baby product	Baby Dream Co. Ltd	Korea	Through new Nano-poly technology [1/1000,000,000m], and cutting-edge science, for the first time in the world, this perfectly prevents Secondary Virus Inflammation by controling germs, and acting as an antibacterial deodorant, and maintaining freshness up to 99.9% without additional disinfecting by boiling and sterilization.
Silver Nano baby Milk Bottle	Baby product	Baby Dream Co. Ltd	Korea	"Through silver nano poly system 99.9% of germs are prevented and it maintains antibacteria, deodorizing function as well as freshness."
Silver-nano Noble NS nursing bottle	Baby product	Baby Dream Co. Ltd	Korea	Through new Nano-poly technology [1/1000,000,000m], and cutting-edge science, for the first time in the world, this perfectly prevents Secondary Virus Inflammation by controling germs, and acting as an anti-bacterial deodorant, and maintaining freshness up to 99.9% without additional disinfecting by boiling and sterilization.
Nano Silver Baby Mug Cup	Baby product	Baby Dream Co. Ltd	Korea	Through silver nano poly system 99.9% of germs are prevented and it maintains antibacteria, deodorizing function as well as freshness.

Maternal Water	Baby product	La Posta del Aguila	Argentina	Especially for baby and mom in the gestation period, our water is no chemical treatment, we use the technology of nano colloidal silver ion.
Nano Silver Salad Bowl	Bowl	Changmin Chemicals	Korea	This is really popular to housewives because it can be used in many ways in the kitchen with just reasonable price.
Antibacterial Pet Products	Bowl	Nano Care Technology, Ltd.	China	Coating nano-silver onto the surface metal products by utilizing Physical Vapour Deposition (PVD) technology, the properties of the coating can be accurately controlled. The proprietary solution provides all coatings remain long lasting antibacterial function with hardness strengthened.
Antibacterial Pet Products	Cooking	Saeco USA Inc.	USA	Nanotechnology: Standard on all Primea machines, nanotechnology ensures the milk frothed inside the machine does not adhere to any of the internal components. A silver ion coating inhibits the milk from building up on the internal facets of the machine. By touching the appropriate icon, the machine will perform a cleaning cycle using the nanotechnology to remove any milk that may be left in the machine after frothing or steaming.

Primea Touch Plus	Cooking	Saeco USA Inc.	USA	Standard on all Primea machines, nanotechnology ensures the milk frothed inside the machine does not adhere to any of the internal components. A silver ion coating inhibits the milk from building up on the internal facets of the machine.
Frying Pan	Cooking	Queen-Art Co. Ltd	Korea	Mid silver-nano coating.
Alu Pan "Silver Nano" - The Healthy Pan		Westfalia Wergzeug Company GmbH & CO KG	Germany	For antibacterial and germfree cocking. The silver particles in the special sealing supply continuously silver ions which even kill the most persistant germs. In addition, the extra hard silver nano sealing guarantees durability and resistance to sctratches
Nano-Silver Cutting Board	Cooking	Pro-Idee GmbH & Co. KG	Germany	Cutting surface with nano-silver coating protects sliced food from bacteria and germs. Pure silver particles only a tiny fraction of a millimetre in size, combat bacteria and kill 99.9 % of all germs. This safely protects your sliced food against microbes, and odorous substances won't gain a foothold.
Vegetable & Fruits Cleaner	Cooking	3EVER Co. Ltd	Korea	Removing pesticide residues completely from the fruit and vegetables. Powered by four electric oscillators. Nano-silver/Ozone-Extermination Germs. Washing and sterilizing dishes. No more bacteria such as colon bacillus, salmonella and O-157.
Nano Silver Cutting Board	Cutting board	A-DO Global		Antibacterial Effect by Nano Silver Clean and Hygienic cutting board.

Nano-silver Chopping Board	Cutting board	FinePolymer, Inc.	Korea	Nanosilver is presumed to exert its antimicrobial effect through the following mechanism: Silver instantly kill the bacteria by either denaturation or oxidization. For these reasons, bacteria cannot build resistance against silver. The surface of this board is treated with nano-silver polypropylene masterbatch. This also helps the cutting board to not absorb odors.
Cutting Board	Cutting board	New Life Co. Ltd.	Korea	Perfect antibiosis from Nano-silver technology applied to plastic sheet. Pure silver particle increases antibiosis and sterilization effect on maintaining the good effect.
Food Container (NS)	Food storage container	A-DO Global	Korea	Used pure silver with Nano technology for all surface of food container, which brings the Antibacterial, Antibiotic effect by Nano Silver.
Anti-bacterial, Airtight, Waterproof Food Storage Container	Food storage container	A-Do Global Co.	Korea	Antibacterial, antibiotic effect by Nano Silver.
BlueMoonGoods Fresh Box Silver Nanoparticle Food Storage Containers	Food storage container	Blue Moon Goods, LLC	USA	"The new silver nanoparticle Fresh Box super airtight food storage containers can reduce bacteria by as much as 99.9%. The naturally anti-fungal, anti-bacterial and anti-microbial properties of the finely dispersed nanosilver particles permanently imbedded in the containers will save you money while helping insure you and your family enjoy safer, fresher, healthier, tastier food."

Nano-silver Food Container	Food storage container	FinePolymer, Inc.	Korea	Denaturation (Silver nanopowder also helps generating reactive oxygen in the air or from the water,which in turn destroy cell/wall membranes of bacteria. Bacteria cannot build resistance against silver. It was proved by KOTRIC1) that FreshBox® shows an excellent anti-microbial properties against an E-coli and S. aureus after 24hours.
Nano silver Storage Box	Food storage container	Quan Zhou Hu zheng Nano Technology Co. Ltd	China	"I Baoxianhe nano silver produced by using nano-silver technology, added to Baoxianhe, has bactericidal, preservation of the true effect of sealing performance, specifications, complete, we can preserve fruits, dry goods, vegetables, fruit juice and other foodstuffs.
FresherLonger Miracle Food Storage	Food storage container	Sharper Image	USA	Infused with naturally antibacterial silver nanoparticles — it's easy to keep foods fresher three or even four times longer. In tests comparing FresherLonger to conventional containers, the 24-hour growth of bacteria inside FresherLonger containers was reduced by over 98 percent because of the silver nanoparticles!" *The website no longer contains this information.
FresherLonger Plastic Storage Bags	Food storage container	Sharper Image	USA	Infused with naturally antibacterial silver nanoparticles — it's easy to keep foods fresher three or even four times longer. In tests comparing FresherLonger to conventional containers, the 24-hour growth of bacteria inside FresherLonger containers was reduced by over 98 percent because of the silver nanoparticles! *The website no longer contains this information.
Nanosilver Teapot	Kitchen	SongSing Nano Technology Co. Ltd.	Taiwan	Antibacterialy gets rid of mould created by water.

Antibacterial Tableware	Kitchen	Nano Care Technology, Ltd.	China	Coating nano-silver onto the surface metal products by utilizing Physical Vapour Deposition (PVD) technology, the properties of the coating can be accurately controlled. The proprietary solution provides all coatings remain long lasting antibacterial function with hardness strengthened.
Antibacterial Kitchenware	Kitchen	Nano Care Technology, Ltd.	China	Coating nano-silver onto the surface metal products by utilizing Physical Vapour Deposition (PVD) technology, the properties of the coating can be accurately controlled. The proprietary solution provides long lasting antibacterial function with hardness strengthened.
Silver Lozenges	Lozenge	activz	United States	Support your immune system† during seasonal changes with Activz Silver Lozenges. Nanosilver has positive effects even at low potency.† Contains no artificial colors, flavors, sweeteners or preservatives. Backed by 18 US patents, the nano-particle silver solution in Activz Silver works faster, longer and more efficiently than colloidal and ionic silver solutions to help support natural healing.† By catalyzing chemical reactions, Activz Silver helps support the body's natural healing mechanisms.† Activz Silver molecules can steal multiple electrons, not just one, from harmful agents in the body. Unlike silvers that quit working after completing one function, Activz Silver performs multiple functions for hours.

Biocera A Nano Silver Inorganic Antibacterial Agent	Multipurpose antibacterial	Biocera Co. Ltd.	Korea	Silver Ag ion is a material known to sterilize about 650 kinds of harmful bacteria and microbes by repressing their smooth metabolism function. Nano is a very small particle of size 10-9(1µm) and has the thickness of 1/100,000 of our hair. Nano Silver (NS) is specially to be processed as small as nano particle size with normal Ag to have antibacterial and sterilizing functions byusing the technology to form and synthesize nano particles in various solvents.
MaatShop Nano-2+	Nano silver health supplement drink	MaatShop	USA	Advanced Nano Technology LLC, the company that distributes Nano-2+ and Nano Silver, is using a system of nanoization that no other company in the world has. It has made the supplements in Nano-2+ so small that they pass right through the membrane of human
Farouk® CHI Nano Digital Ceramic Hairstyling Iron	Personal Care	Farouk	USA	Handles and plates are infused with Nano Silver. Nano Silver kills and sterilizes many different types of bacteria.
Daewoo Refrigerator	Refrigerator	Daewoo	German company, originates in Korea	Nano Silver presents strong disinfection, deodorant and storage power. It also maintains balance of hormone within our body and intercepts electromagnetic waves significantly.
LG Refrigerator (model SLC27991)	Refrigerator	LG Electronics	USA	The product originally advertised, Bio silver and Bio shield with nano-size silver particles coat the interior of LG side by side refrigerator (Bio silver) and the gasket (Bio shield) of the refrigerator. This prevents the intrusion of bacteria from the external environment.

Samsung SilverNano refrigerator	Refrigerator	Samsung	Singapore	Sophisticated nano-technology has allowed Samsung to apply a Silver Nano coating to the inner surfaces of refrigerators for an overall antibacterial and anti-fungal effectThis, in turn, adversely affects bacteria's cellular metabolism and inhibits cell growth.
ASAP Health Max 30 and other silver products	Supplement drink	American Biotech Labs	USA	This new silver technology created an engineered silver nano particle that has proven to be one of the most effective silver products ever created. This new technology kills bacteria by catalytic action, not by chemical action. Because of this technology, ABL can get kill rates on bacteria and other pathogens that other silver products cannot match.
NanoSil - 10	Supplement drink	Greenwood Consumer Products	USA	We would like to present NanoSil™-10, an engineered nano-particle silver solution that can be used as an immune support system. It is colorless, tasteless, odorless and non-toxic. Even though this product is non-toxic, it is lethal to dangerous bacteria, yeasts and some viruses while being totally pro-biotic to your system. It kills bacteria and other pathogens by catalytic action, not chemical action. Bacteria cannot developresistance to the NanoSil™. The tests conducted indicated NanoSil™ killed thousands of strains of problematic bacteria like Staph, TB, Strep, E-coli, Salmonella, a number of yeasts and even the anthrax spore, etc.
MaatShop Crystal Clear Nano Silver	Supplement drink	MaatShop	USA	The silver particles are simply too small to get stuck in our glands and organs. In fact, they are so small that Nano Silver acts like a gas in the blood system, killing bacterial pathogens and viruses without causing any harm whatsoever to our bodies. Nano Silver is so small that it can even be absorbed directly through the skin.

Silvix3	Supplement drink	Natural Care Products	USA	Silvix 3 is the silver supplement that goes beyond colloidal silver. Research has shown that very small amounts of catalytic silver can have a powerful impact on boosting immune response. This purified silver solution has demonstrated significant anti-bacterial and antifungal effects as a surface disinfectant and in vitro.
Nano Colloidal Silver	Supplement drink	Natural Korea Company Ltd.	Korea	Silver is confirmed to sterilize nearly all the existing single cell bacteria.
Sovereign Silver	Supplement drink	Natural- Immunogenics Corp.	USA	The finesse achieved by Natural-Immunogenics in its [colloidal] silver hydrosols could not have been achieved without the aid of the Transmission Electron Microscope. Since Natural-Immunogenics consistently produces silver species of a sub-nanometer size, the instrument is also used in its continuous quality control program.
Nano Silver Sol	Supplement drink	Phoenix P.D.E. Co Ltd.	Korea	Silver Nano Sol has secured excellent dispersibility and uniform particle distribution(10nm under). Because of this, antibacterial activity & sterilization effect can be maximized with small quantity.
MesoSilver	Supplement drink	Purest Colloids, Inc.	USA	Highest bioavailability of any colloidal silver product due to sub-nanometer size particles. The silver nanoparticles in Mesosilver typically measure 0.65 nanometers or less in diameter, which is slightly larger than twice the diameter of an atom of silver. Silver particles are non-toxic to humans.

Nanoceuticals Silver 22	Supplement drink	RBC Life Sciences, Inc.	USA	RBC's Silver 22 is nanoscale in size, is prepared by a unique, patented process and is suspended in colloidal form in purified water. It has undergone extensive safety testing. RBC scientists believe that the dose of 22 parts per million is the most effective level of silver for regular or periodic use.
Colloidal Silver Liquid	Supplement drink	Skybright Natural Health	New Zealand	The Skybright silver particles are measured in nanometre size. This particle size is very important as, if they are much bigger than this, they will not be easily absorbed by the body and therefore are of no use. Colloidal Silver supports the body's immune system and natural defences, for natural healing.
Utopia Silver Supplements Advanced Colloidal Silver	Supplement drink	Utopia Silver Supplements	USA	Colloidal Silver- How It Works: Silver inhibits the growth of one-celled organisms, (such as bacteria and viruses) by deactivating the organism's oxygen metabolism enzymes. In turn, this destroys its' cell membranes, stopping the replication of its' DNA.
Colloidal silver	Supplements	FairVital	Germany	Genuine colloidal silver consists of small nanoparticles of metallic silver. The atoms are complete, thus have no electric charge, and can not connect with other elements. Colloidal silver particles can be excreted by the body and accumulate not in itself.
Sovereign Silver (8oz) 10ppm Nano Hydrosol (Liquid)	Supplements	Natural- Immunogenics Corp.	USA	Two (2) 8oz Bottle of Actively Charged Nano Colloidal Silver Hydrosol (water) Particles are Easily Used and then Eliminated out of the Body!; Safely Support Your Immune System for all of its Needs; 99.999% PURE & Sovereign Silver Provides the Smallest Sub-Nano Silver Particle Size Ever Seen - 0.8 nm

Silver (16oz)	Supplements	activz	United States	Support your day-to-day health† with the advanced nano-particle formula of Activz Silver. Backed by 18 US patents, the nano-particle silver solution in Activz Silver works faster, longer and more efficiently than colloidal and ionic silver solutions to help support natural healing. Activz Silver molecules can steal multiple electrons, not just one, from harmful agents in the body. Unlike silvers that quit working after completing one function, Activz Silver performs multiple functions for hours.† By resonating at just the right frequency, Activz Silver disrupts harmful elements without disturbing the body's natural environment and flora.
Silver (8oz)	Supplements	activz	United States	Same as above.
Nano Silver NS-315 Water Bottle	Water bottle	A-DO Global	Korea	Used pure silver with Nano technology for the all surface of the food container, which brings the Antibacterial, Antibiotic effect by Nano Silver. No smell, Harmless, Food contact and we didn't put any yellow chemical compound to the container since original color of silver is the yellow, not gray.
Active Carbon Silver Nano Filter	Water Filter	Biomat Global	USA	Synergizing three elements of nature: far infrared light, negative ions, amethyst crystals.
Natural Shower Filter	Water filter	JNB International Ltd	UK	Through many test results show that the nano silver is an antibacterial material to sterilise unicellular bacterial in all kinds of resistant bacterial.

PicoPion Water Purifier Ceramic Ball	Water filter	Bio Nano	Korea	Sterilization Silver NANO Palm Carbon to kill bacteria in the water.
Nano Silver Bacteria Resistance Activated Carbon Filter Cartridge	Water filter	Caware International Co	Taiwan	Nano-Silver technology for Baceria resistance.
Under Sink Water Purifier- Nano Silver Ceramic	Water filter	Dowoosys Co. Ltd	Korea	It is a material, besides functions to absorb and remove heavy metals and harmful substances, that shows 99.9% antimicrobial and sterilizing power and 99% deodorizing power in reaction with water at the same time.
Katadyn Pocket Filter	Water filter	Katadyn	USA	The silver impregnated ceramic element is effective against bacteria and protozoa.
Katadyn Mini Ceramic Filter	Water filter	Katadyn	USA	Exclusive silver impregnated ceramic filter removes bacteria and protozoa.
Marathon Hot & Cold Water Purifiers KG-900 series	Water filter	Katadyn Asia	Korea	This Marathon Nano Silver Ceramic Filter supplies bacteria-free, healthy drinking water. The Marathon Nano Silver Ceramic body retains all suspended matter and bacteria without using. Katadyn has MANY filters and products that are similar to this although the company advertises them as silver ions.
Pi-capsule water filter	Water filter	Korea New Tech Co. Ltd	Korea	Chlorine remains in tap water. 'π-capsule' completely removes the residual chlorine in the tap water and the residual agricultural chemicals stuck to vegetables or fruits by adopting silver nano technology.

Antibacterial Water Tap	IVVater tilter	Nano Care Technology, Ltd.	China	Coating nano-silver onto the surface metal products by utilizing Physical Vapour Deposition (PVD) technology, the properties of the coating can be accurately controlled. The proprietary solution provides all coatings remain long lasting antibacterial function with hardness strengthened.
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