



SINCE 1994



# Save Water

# With BIOCERA

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# BIOCERA® Company History

- |      |  |      |   |
|------|--|------|---|
| 1994 | <ul style="list-style-type: none"><li>Established Dae-Sung Ceramic R&amp;D Corporation</li><li>Developed Antibacterial Bio-ceramic filter(Ball) for purifying water &amp; washing laundry</li></ul>  | 2007 | <ul style="list-style-type: none"><li>Additional Registered &amp; Certificate of KFDA (as Alkaline medical-water device)</li></ul>  |
| 1995 | <ul style="list-style-type: none"><li>Developed inorganic silver antibacterial agent</li><li>Developed Tio2 Photo Catalyst for deodorization</li><li>Developed eco-friendly</li></ul>  | 2008 | <ul style="list-style-type: none"><li>Water Seminar in Texas, USA</li></ul>   |
| 1999 | <ul style="list-style-type: none"><li>Acquired S.F. Mark for artificial marble sink by LG Chemical</li><li>Developed deodorization &amp; antibacterial airfilters for Daewoo Electronics</li></ul>   | 2009 | <ul style="list-style-type: none"><li>NSF42 certified ceramic ball</li><li>Biocera Ball won Asia award fir energy saving product from Aving News</li></ul>  |
| 2000 | <ul style="list-style-type: none"><li>Developed automobile deodorizing airfilters</li><li>Developed Bio Ceramics agent for refrigerator for Samsung Electronics</li><li>Established Biocera Co.,Ltd.</li></ul>   | 2010 | <ul style="list-style-type: none"><li>Biocera trade mark registered in USA</li><li>Biocera ball certified by TUV</li></ul>  |
| 2001 | <ul style="list-style-type: none"><li>FDA cetificate for Biocera A (Antibacterial agent)</li></ul>   | 2011 | <ul style="list-style-type: none"><li>Membership of the Korea Water Purifier Industry Cooperative</li><li>Had a seminar at Aquatech India and Aquatech USA</li></ul>  |
| 2002 | <ul style="list-style-type: none"><li>FDA certificate for Biocera T (Photocatalyst agent)</li></ul>  | 2012 | <ul style="list-style-type: none"><li>Dr Jeon Seminar at EA WATER EXPO 2012 in india on 9th, Feb,2012</li><li>Dr. Jeon Seminar at USA AQUATECH 7th, Mar, 2012</li></ul>   |
| 2003 | <ul style="list-style-type: none"><li>Certificate of ISO 9001 &amp; ISO 14001</li><li>Registered "Biocera" trademark in CHINA (No.3113040)</li></ul>   | 2013 | <ul style="list-style-type: none"><li>Presented Anti-oxidant Alkaline Water in USA Aquatech and in international seminars in India and Korea</li></ul>  |
| 2004 | <ul style="list-style-type: none"><li>Selected as an export enterprise business by the Republic of Korea</li></ul>   | 2014 | <ul style="list-style-type: none"><li>Presented Anti-oxidant Alkaline Water in USA Aquatech and in international seminars in Dubai, India, Korea, etc.</li></ul>  |
| 2006 | <ul style="list-style-type: none"><li>Registered WQA Membership (USA)</li><li>Acquired "Water Mark" of Biocera Water Purifier from the authorized institute by Korean government</li><li>Acquired the Patent of Filter for Generating Alkaline Reduced Water</li></ul> | 2015 | <ul style="list-style-type: none"><li>USA FDA Register Dr. Jeon Seminar at KOREA World Water Forum on April 7th, 2015</li><li>TM _USA, Singapore, Indonesia, Malaysia, Bangladesh, India, Turkey, China</li></ul> |

# 1. Product Introduction – Nano Silver Antibacterial Bio Ceramics

Item: Biocera A (Antibacterial Agent)



Type: Liquid / Powder

Type: Mater Batch (for plastic)

Biocera Antibacterial Agent is a nontoxic material that is added in a manufacturing process.  
(Passed on a safety test by the FDA)

## Features

- Antibacterial, anti-fungal and deodorizing functions
- Increases electric conductivity
- Promotes blood circulation by emitting Far infrared rays
- Decontaminates drinking water

## Applications

- Textile, Rubber, Plastic(PP/PE/GPPS/ABS etc), Paper, Construction materials including paint and artificial marble and etc.

## 2. Product Introduction – Photocatalyst Bio Ceramics

Item: Biocera T (Photocatalyst)

~~Antibacteria~~

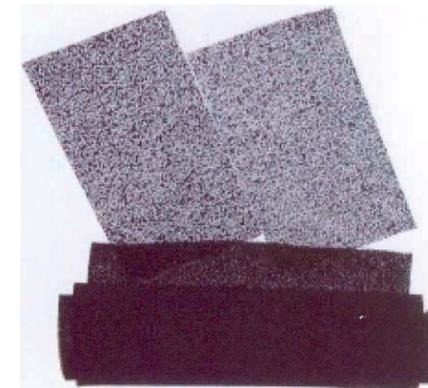
Biocera Photocatalyst Agent is a nontoxic material which is added in a manufacturing process. Also, it is used for a construction material by spraying on a concrete surface and etc.  
(Passed on a safety test by the FDA)

### Features

- Photodecomposition of organic substances and polluted substances
- Deodorization of air (absorption and decomposition of odor)
- Super hydrophilic effect
- Antibacterial, antifungal and antimoss
- Treatment of waste water
- Self-cleaning

### Applications

- Air filter
- Wallpaper, Textile, Household electronic appliances
- Interior and exterior building materials, House, Apartment, Office, Hotel, Factory
- Aquarium and tile



Type: Biocera T(Liquid)

Type: Application Product  
(Photocatalyst Air Filter)

### 3. Product Introduction – Negative Ion Bio Ceramics

Item: Biocera TO (Negative Ion)



Type: Powder

#### Features

- Emission of negative ion and far infrared rays
- Promotes metabolism and blood circulation
- Activates cells and removes body waste
- Helps sleep and prevents fatigue
- Good for maintaining freshness
- Negative Ion Ceramic Ball / Negative Ion Filters / Negative Ion water Purifier

#### Applications

- Textile, Mat, Paint, Plastic, Construction Ceramics
- Air Filter, Jewelry

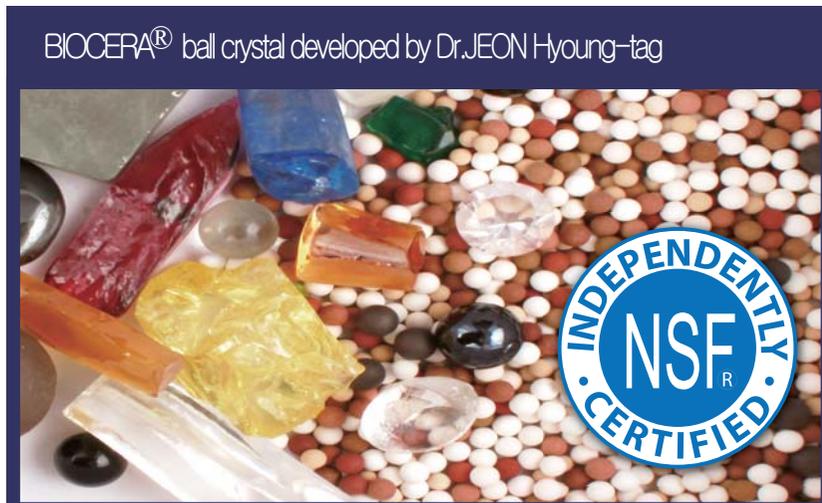
Biocera TO is composed of inorganic ceramics and photocatalyst. This product emits far-infrared ray and negative ion which are good for human body and have wonderful deodorizing, heating, self-purification and help blood circulations, biological activation, relieve pains. In addition, it has a fine vibration of piezo electric unlike other negative ion products so that makes fresh environment to us by eliminating harmful electric waves.

## 4. Product Introduction

Item: Ceramic Balls



NSF 42 test passed & certified ceramic balls  
for the first in the world



You can purchase any of them!

1. Biocera SP (Super Ceramic) Ball
  - Increases water taste by emitting FIR
2. Biocera AG (Antibacterial Ceramic) Ball
  - Antibacterial, Deodorizing effect & heavy metal-removal function
3. Biocera CA (Calcium Alkaline) Ball
  - Supply calcium & makes alkaline water
4. Biocera RC (Remove Chlorine) Ball
  - Removes chlorine
  - calcium sulphite ( $\text{CaSO}_3$ )
5. Biocera IP (Negative Ion) Ball
  - Emits negative ion
6. Biocera PW (pi-water) Ball
  - Activates water molecule (hexagonal water)
  - Makes energy water
7. Biocera TO (Tourmaline Ceramic) Ball
  - Makes smaller water cluster by the wave of weak piezo electric
  - Supplies good energy water by the emitting FIR & negative ions
8. Biocera AO (Antioxidant) Ball
  - Safety certified for drink water
  - Antioxidant ORP ↓
  - Hydrogen generation (free radical removal)
  - pH ↑ Alkaline - water cluster decrease NMR ↓

## Applications of Ceramic Balls

Biocera Ceramic Balls are especially excellent in the following points.

- Safety for drinking water
- Maximize the effects with their tiny pores
- NSF passed & Certified

## Features

- Antibacterial, Deodorization effects
- Antioxidant & Alkalizing
- Scale removal & Dechlorination
- Tiny water clusters and activates of water clusters
- Supply natural minerals
- Emits FIR & negative ions for metabolism

## Applications

- Textile, Rubber, Plastic water purifier, water ionizer, functional water filter, cooling tower, aquarium, pool and etc.

• **BIOCERA** Ball-INSIDE™  
Certified to NSF standard 42 for material safety



Type: various biocera balls for water



Apply to filter

To purifier



## 5. Product Introduction

Item: Antioxidant Alkaline Filter

“How can we prevent harmful active oxygen in our body?”  
That is the reason we drink antioxidant alkaline water.



Packing Unit: 30pcs / 20pcs

• **BIOCERA**® Ball-INSIDE™  
Certified to NSF standard 42 for material safety

1. Excellent antioxidant
  2. Small water cluster
  3. Eruption of minerals
  4. pH boosting
- Improves the reducing power of water by removing harmful active oxygen (free radicals) which causes cancer, diabetes, hypertension and etc.
  - Removes acidic wastes in the body
  - Water and nutrients are absorbed more effectively into the body.
  - Supplies minerals which help the balance of metabolism
  - Makes better taste
  - Lowers ORP (Ref. ORP=Oxygen Reduction Potential)

	ITEM	TYPE	LIFE TIME	
for industrial	Big 20Inch (4.5inch / in&out 1inch)	Blue color housing	150,000L	pH 8.0 ~ 10 ORP -50 ~ -400mV NMR 51.497Hz Mineral Ca K, Mg, Na
	20Inch (2.5inch / in&out 0.5inch)	Blue color housing	50,000L	
for home	14 Inch (1/4 inch, Both Direction)	White color housing	9,000L	
	11 Inch (1/4 inch, Both Direction)	Blue color housing	6,000L	
	8 Inch (1/4 inch, Both Direction)	White color housing	3,000L	

## 6. Product Introduction – Biocera A.H.A water bottle

Item: Biocera A.H.A water bottle

- **BIOCERA**® Ball-INSIDE™  
Certified to NSF standard 42 for material safety



MADE IN KOREA

### Benefits

- Turns ordinary water into alkaline antioxidant water
- Generates hydrogen-rich water
- Improves the reducing capacity of water
- Keeps the pH balances and reduces the body's acidity
- Supplies your body with minerals such as Ca, Mg, etc.
- Micro-clustered water easily absorbed to the body
- Better-tasting water

### Features

- NSF-certified ceramic balls inside
- Safe to drink : BPAfree
- Easy to use : just fill the bottle with water, shake the bottle
- Easy to carry : compact design that fits in one hand
- Withstands both hot and cool water



NSF

FDA

WQA Member

Patent for Ceramic Ball

ISO 9001



## 7. Product Introduction – Biocera Antioxidant Alkaline Water Jug

Item: Biocera Antioxidant Alkaline Water Jug



Antioxidant(Low ORP)effect  
Makes alkaline water  
Activates water molecules

Packing Unit  
Jug: 10pcs  
Filter Set: 20set

Antibacteria



• **BIOCERA** Ball-INSIDE™  
Certified to NSF standard 42 for material safety

### Features

- Standard design
- Filtration system provides healthy and great-tasting water by reducing chlorine, sediment, etc.
- Fits all the latest refrigerator doors.
- Convenient Use
  - Model No: Biocera Alkaline Water Jug
  - Capacity: 2.0 liters of filtered water(total capacity: 3.2 liters)
  - Weight: 1Kg
  - Filter life time: 3 months

## 8. Product Introduction – Biocera Ball for Laundry

Item: Biocera Ball for Laundry



Antibacteria 

- **BIOCERA** Ball-INSIDE™  
Certified to NSF standard 42 for material safety

Pioneer developed in 1997, original patented and environment-friendly laundry ball which fully functions for washing clothes without chemical detergent.

- Superior laundering effect. No requirement for a fabric conditioner
- Strong sterilization and odor removal. No static generated
- No residue of detergents and harmless to human body
- No allergic reaction and prevents hands from being rough
- No bubbles, and fewer rinsing requirements (saving both water and electricity over 50%)
- Helps water purification
- Softly scented after washing with the balls

Exported to

-More than 30 countries like USA, UK, Germany, Singapore, Hong Kong, Australia, Spain, Malaysia..

Saves detergent, Earth and money

How to use

-Put 2 balls in a washing machine with laundry.(no detergent is required)

Other information

- 1.A ball can be used over 1,000 times(about 3 years)
- 2.You may dry balls for a next load

Packing Unit  
single box: 100pcs  
double box: 30set

## 9. Product Introduction

- Item: 1.Atozero Happy Showerhead  
2.Atozero Happy Showerhead Refill Filter



- **BIOCERA®** Ball-INSIDE™  
Certified to NSF standard 42 for material safety

1. Dechlorination
2. Neutralizes harmful materials
3. Protects skin irritations
4. Prevents hair loss
5. Helps anti-aging of skin

Atozero Happy Showerhead

Atozero Happy Showerhead Refill Filter

Packing Unit: 24pcs

- Neutralizes and removes residual toxic chlorine gas, a cancer-causing substances in tap water.
- Good for preventing various skin irritations
- Prevents depilation and itching on skin and scalp.
- Easy to connect at home with the international standard size

## 10. Product Introduction

Item: Antioxidant Alkaline Stick Set

- Easy to hand-carry
- Enjoy antioxidant alkaline water anywhere and anytime.



~~Antibacteria~~



• **BIOCERA**® Ball-INSIDE™  
Certified to NSF standard 42 for material safety

Packing Unit: 20pcs

- Antioxidant effect by removing active oxygen
- Makes alkaline water
- Dissolves tea and coffee easily by activating water molecules.
- Supplies essential minerals

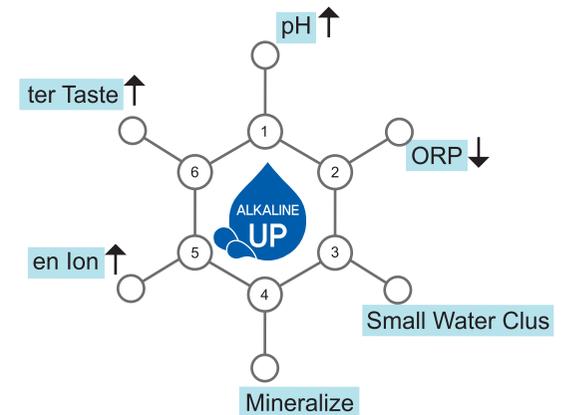
# 11. Product Introduction

Item: Antioxidant Alkaline Stick



• **BIOCERA**® Ball-INSIDE™  
 Certified to NSF standard 42 for material safety

Model No.	Biocera Antioxidant Alkaline Stick
Ingredients	SUS304 & BIOCERA Ceramic ball
Product Size	11cm
Life Time	1 year / around 700 Liters
Packing Unit	50pcs (only stick)



Packing Unit: 50pcs (only stick)

## Application / Usage

1. Get a clean bottle, put the stick and wash them with clean water two or three times
2. Open the bottle, fill it with water and close it.
3. If it is clean water or spring water, you can drink right away. But if not, such as tap water, drink after 5 minutes.
4. Drink the water within 3 days if possible.
5. When not used for a long time, keep the container and stick clean.
6. Change the stick when used for 12 months (2 liters per day).
7. Wash the stick with a solution of vinegar and water (1 part vinegar to 4 parts water) once per month and also prior to using.
8. Do not disassemble the stick and keep away from the fire.
9. Do not leave the stick under sunlight for a long time to avoid rusts.

## Features and Benefits

1. Composed of abundant active hydrogen which eliminates active oxygen
2. Goes through antioxidant process with superior reducing power
3. Improves the absorptive power with small water molecules and eliminates body wastes quickly (Antioxidant/Re-dox Effect)
4. Supplies mineral which helps to maintain the balance of metabolism
5. Dissolves tea or coffee by breaking down water molecules
6. Improves water taste
7. Handy and can be used anywhere at anytime

## 12. Product Introduction

Item: Biocera Water Mist



Packing Unit : 100pcs

• **BIOCERA**® Ball-INSIDE™  
Certified to NSF standard 42 for material safety

### Ingredients

#### BIOCERA AO BALL

The antioxidant balls turn ordinary water into hydrogen-rich water protecting skin cells from free radicals, a major factor in aging and cell damages.

#### BIOCERA TO BALL

The tourmaline ceramic balls emit far infrared rays, which penetrate deeply into the layers of the human body and reach the inner-most regions of tissues. Once in contact with moisture, tourmaline ceramic balls make water molecules smaller and absorbed more easily by the skin. The balls help soothe the skin and improve blood circulation, not to mention the maximization of the water absorption in the body.

#### BIOCERA AG BALL

Natural Antibacterial Ceramic Ball, which has silver, makes pure water by removing or absorbing heavy metal and organic metal.

### Benefits

Contains NSF-certified ceramic balls

Produces chemical-free hydrogen rich water

Keeps your skin hydrated for long

Protects your skin from harmful elements like ultra-fine dusts from the outside

Sterilizes bacteria in water by pure silver foam

Good for treating skin problems like rash, pimple, allergy, etc.

# 13. Product Introduction

Item: BCW-1000 PLUS Water Purifier



## Specification

- Model : BCW-1000
- Dimensions : 423 x 360 x 150
- Composition : 3 filter systems
- Filter size : 9 inch U type



## Features of BCW-1000

- Change any polluted water to crystal clear water.
- Helps to maintain our health by supplying minerals such as Ca, K, Na, Mg and etc.
- Softens the taste of water and makes fast absorption into our body by changing to smaller water molecule cluster. Boosts pH and decreases ORP.
- Makes alkaline hydrogen water to help increasing the immunity of our body like vitamin C by removing freeradical (active oxygen) which causes aging and various diseases.

COMPACT ENOUGH  
TO FIT ANYWHERE



SIMPLE ONE-TOUCH  
OPERATION



EASY-TO-REPLACE  
CARTRIDGES

