

The Best Water You can Drink

The end result is perhaps the best water that you can drink. It is highly oxygenated with all the harmful substances removed and the healthy minerals activated into ionic form, the best bio-active form and micro-cluster size that the body needs.

I believe that a water ionizer is the best thing you could buy for your and your families health. It will pay for itself in a few years over the cost of bottled water and is far more beneficial.

Drink at least 6-8 glasses of water every day and use it for all your cooking, tea, coffee and drinks.

Save Money on Anti-oxidants

Some people spend some hundreds per month on expensive anti-oxidants, most of which are not in the ionic, bio-active form that the body needs for absorption. Alkaline water with its abundant negative ions and bias form Oxygen is a much more effective and powerful liquid anti-oxidant. It's completely natural and does not have any side effects from the chemicals that are used to produce the anti-oxidants that you buy from the health shop.

You'll save yourself a small fortune, and over a short period it will be cheaper than the cost of bottled water.

How can we scientifically measure the 'Goodness' of Alkaline Water?

Water Tests

We can run water tests to measure the presence of contaminating agents, such as virus, bacteria, undesirable and dangerous chemicals and waste products.

These laboratory tests were conducted by the Korea Environment and Water Works Institute on Sep. 24 - Oct. 14 2002. Testing method: Korea Water Quality Pollution Standard Test Method. Testing condition: After 20 litres of tap water were treated by the water ionizer, under 1kgf/cm³ of water pressure and pH neutral in the test sample, the treated water sampled was analyzed.

Laboratory comparison test of tap water and ionized water

Items	Tap water standard concentration	Tap water after ionization
Total Colony Counts	Below 100 CFU/mL	Not detected
Total Coliforms	Not detected -/100mL	Not detected
E.coli	Not detected -/100mL	Not detected
Pb - Lead	Below 0.05 mg/L	Not detected
Fe - Iron	Below 1.5 mg/L	Not detected
As - Arsenic	Below 0.05 mg/L	Not detected
Se - Selenium	Below 0.01 mg/L	Not detected
Hg - Mercury	Below 0.001 mg/L	Not detected
CN - Cyanide	Below 0.01 mg/L	Not detected
Cr6+ - Chromium Iron	Below 0.05 mg/L	Not detected
NH3-N - Ammonia	Below 0.5 mg/L	Not detected
NO3-N - Nitrate	Below 10 mg/L	1.4 mg/L
Cd - Cadmium	Below 0.005 mg/L	Not detected
B - Boron	Below 0.3 mg/L	Not detected
Phenol	Below 0.005 mg/L	Not detected
Diazinon	Below 0.02 mg/L	Not detected
Parathion	Below 0.06 mg/L	Not detected
Fenitrothion	Below 0.04 mg/L	Not detected
Carbaryl	Below 0.07 mg/L	Not detected
1,1,1-Trichloroethane	Below 0.1 mg/L	Not detected
PCE Poly Chlorine Ethylene	Below 0.01 mg/L	Not detected
TCE Tetra Chlorine Ethylene	Below 0.03 mg/L	Not detected
Dichloromethane	Below 0.02 mg/L	Not detected
Benzene	Below 0.01 mg/L	Not detected
Toluene	Below 0.7 mg/L	Not detected
Ethyl benzene	Below 0.3 mg/L	Not detected
Xylene	Below 0.5 mg/L	Not detected

1,1-Dichloroethylene	Below 0.03 mg/L	Not detected
Carbon tetrachloride	Below 0.002 mg/L	Not detected
1,2-Dibromo-3-chlopropane	Below 0.003 mg/L	Not detected
Free residual chlorine	Below 4.0 mg/L	Not detected
THMs Tetra Halogen	Below 0.1 mg/L	Not detected
Chloroform	Below 0.08 mg/L	Not detected
Hardness	Below 300 mg/L	71 mg/L
Consumption of KMnO4	Below 10 mg/L	1.6 mg/L
Odour	Odourless	Odourless
Taste	Tasteless	Tasteless
Cu Copper	Below 1 mg/L	Not detected
Colour	Below 5 degree	Not detected
ABS	Below 0.5 mg/L	Not detected
pH	5.8 ~ 8.5	8.3
Zn - Zinc	Below 1.0 mg/L	Not detected
Cl - Chlorine ion	Below 250 mg/L	14 mg/L
Total solids	Below 500 mg/L	108 mg/L
Fe - Iron	Below 0.3 mg/L	Not detected
Mn - Manganese	Below 0.3 mg/L	Not detected
Turbidity	Below 0.5 NTU	0.14 NTU
SO4-2 - Sulphate	Below 200 mg/L	18 mg/L
Al - Aluminium	Below 0.2 mg/L	Not detected

Measure the pH

We can measure the water's hydrogen concentration (pH) to determine the level of H⁺ ions and OH⁻ ions by using a pH meter or special test strips which indicate the level of acidity or alkalinity of the water being investigated.

Water Ionizers produce Alkaline Water with a pH around 9.5 and Acid Water with pH around 4.

Measure the ORP

We can measure the ability of the water to either donate or accept electrons by measuring its Oxidation-Reduction Potential in Millivolts (mV) by using specially designed ORP meters. These meters are widely accepted around the world as scientific measuring instruments.

Comparing ORP/Redox potential for tap water, ionized water and distilled water

	pH	Redox (mV)
Tap water	6.41	+164
Ionized water	9.73	-294
Distilled water	5.85	+131

Measure the Mineral Content

We can measure the mineral ion content of the water as compared with tap water

	Water Ionizer Change compared to tap water
pH	34% increase
Calcium	43% increase
Magnesium	9% increase
Sodium	20% increase
Potassium	14% increase
Total alkalinity	100% increase
Electrical conductivity	24% increase
ORP	127% increase