

How Alkaviva Ionized Water is Different

AlkaViva ionized water is tap water that has been filtered using our Ultra Water Filtration Technology, then altered using electrolysis to create reduced (negatively charged) water. When water is passed through the electrolysis chamber over charged platinum electroplated, titanium electrodes, the water molecule is physically split into H^+ (acidic water) and OH^- (alkaline water).

These two types of water concentrate on different sides of a membrane. Alkaline water has an abundance of negatively charged electrons, while acidic water has an abundance of positively charged electrons. The alkaline water exits through the drinking water spout, and the acidic water exits through the acidic water hose.

Alkalinity and pH

When water is ionized, it also concentrates the essential alkaline minerals like magnesium, calcium and potassium that occur naturally in water. These minerals are transformed from bonded particles into charged ionic forms that are more bio-available. Ionized water also contains an abundance of the OH^- or hydroxyl ions, the same ions the body uses to help stabilize and alkalize the pH of the blood, fluids and most tissues. These ions are essential in maintaining optimal health.

Oxygen

Alkalized, ionized water delivers about twice as much oxygen as does typical tap or bottled water. Think of the jogger vs. the couch potato - proper hydration brings to your cells a flood of fresh oxygen.

Redox Potential

Normal tap water, for example, with a pH around 7 is approximately neutral on the pH scale of 0 to 14. When measured with an ORP (oxidation potential) meter its redox potential is approximately +400 to +500 mV. Because it has a positive redox potential, it is apt to acquire electrons and oxidize other molecules. Reduced ionized water, on the other hand, has a negative redox potential of approximately -250 to -550 mV (or less). This means it has a large mass of electrons ready to donate to electron-thieving, active oxygen.

Optimal Hydration

The process of electrolysis changes the surface tension and structure of water. Using a method called NMR spectroscopy, scientists have shown a significant reduction in the size of water molecular clusters,

from 15-20 down to 5 or 6 water molecules per cluster. It becomes "wetter water" which can more easily penetrate cell membranes, offering a stream of hydration and renewal.

The turnover of "fresh water in and waste out" helps our cells to work at peak performance. Foggy thinking, joint pains, constipation and digestive issues often resolve with proper hydration. Proper hydration takes your body from a stagnant "polluted lake" to one that is sparkling and "fed by glacial streams".

Antioxidant Activity

The negative hydrogen ion (H-) is a powerful antioxidant found naturally in raw foods and ancient water sources like glacier streams, deep wells or aquifers, springs and lakes. The Hion is the original antioxidant that allowed life to form and sustain itself. A water ionizer creates alterations to water that result in an abundance of H- ions.

Ionized water carries a large mass of free electrons that can (as you change from dehydrated to hydrated) help neutralize free radicals in the body and block the oxidation of normal cells. It's like drinking glass after glass of anti-oxidants that cling to and help neutralize the damaging, oxidizing, free-radicals within your body.

For more information, please contact your Water Specialist:

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<http://teamalkaviva.com/cindyburson/delphi.html>

<https://www.teamalkaviva.com/cindyburson/athena-h2-water-ionizer.html>

<https://www.teamalkaviva.com/cindyburson/melody-II-water-ionizer.html>