

## The Difference between Hydrogen Molecular Water and HyON Ionic Water

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After the discovery and creation of HyON Ionic Water, the inventor has been asked to expand the uses of the product into several areas. This includes areas where the advantages of the composition of Zundel ( $\text{H}_5\text{O}_2^+$ ) and Eigen Cations ( $\text{H}_9\text{O}_4^+$ ) play a crucial role in today's "Green Environment".

While the overall drive of this green movement is to promote sustainability, reduce pollution and conserve our natural resources, we must also look at the overall health of humanity and how we interface with the need for food, water and shelter. These items have an impact on our overall health and the need for more natural supplements for our daily life. This includes organic foods and HyON Ionic Water that are free from poisons and pesticides.

Recently, there has been a new following of users that have been introduced to Hydrogen Molecular Water where they believe several potential health benefits exist. While the benefit of improved athletic performance is cited by using Hydrogen Molecular Water in some studies, additional research is needed. The makers of Hydrogen Molecular Water also suggest that the product will act as an antioxidant thereby reducing stress and joint inflammation. Incredibly, it is promoted that the product will help with a person's mental health and can support radiation therapy including fatigue and skin problems.

There is one major problem if you look closer at the science behind today's makers of Hydrogen Molecular Water. The water produced relies on electrode plates or hydrogen water tablets. Most products state that they will create between 500 to 1600 ppb of hydrogen per liter of water after their process is completed. After making the Hydrogen Molecular Water, they warn you that you must consume it all in 15 minutes or less before the hydrogen has dissipated.

The major problem with these hydrogen generator products is that they create an expensive molecular hydrogen gas. The hydrogen gas in pure water is not significantly acidic or basic and has a pH of 7.0 that is very similar to regular water. Therefore, it offers little value to the consumer.

By contrast, HyON Water's composition requires water molecules to bond the created hydrogen ions. The most common configuration is either two water

molecules to form Zundel ( $\text{H}_5\text{O}_2^+$ ) and three water molecules to form Eigen ( $\text{H}_9\text{O}_4^+$ ) cations. The Trade Secret process can also create Hydronium ( $\text{H}_3\text{O}_2^+$ ) ions but this formation is relatively unstable and fails to exist in the product over a long period of time.

These hydrogen ions created by the process are highly reactive and play a crucial role in various chemical and biological processes including the production of stomach acid, cellular respiration and energy production.

### **Why are these hydrated Zundel and Eigen Cations important in our biological systems?**

1. They transport protons: the cationic produced protons are not bound to any particular water molecule and are free to move in the solution creating energy for the human body.
2. They regulate our bodies pH: the cationic produced protons create an environment that helps to maintain a balanced pH in the body.
3. Bioenergetics: the cationic produced protons are fundamental in the production of ATP (adenosine triphosphate) in the mitochondria. ATP is largely responsible for the storage and transfer of energy within our cells and important for all bodily functions.

### **HyON Water benefits for the consumer:**

- Elevate your hydration with the HyON hydrogen water technology that produces up to 2,517,850 PPM of hydrogen ions in a single bottle, keeping each sip filled with the benefits of hydrogen ion water.
- Enjoy quicker workout recovery, enhanced performance from the creation of ATP energy in the body.
- Supports joint relief and inflammation management and helps ease brain fog for sharper focus and mental clarity.
- Due to the high hydrogen ion concentration, just 1 bottle a day will meet your daily hydrogen needs, and if you're an athlete or in recovery mode, you might add an additional bottle to gain the created ATP energy.
- No usage time worries. The product is good with no expiration date.
- No concerns created over cold and heat. Freeze the HyOn Water and chill your favorite beverage. Leave in the sun at the beach and the hydrogen ions are ready to work.
- Leave the water exposed to the air without fear of losing its strength.

- Just for your concerns about agency approvals, HyON Water has been Affirmed as GRAS (Generally Regarded as Safe) by the FDA as an antimicrobial. Frankly, HyON Water is PURE.
- If you use your own drinking bottle, we suggest high grade plastic (like HDPE) or high-quality stainless steel to avoid any transfer of plastic to the water.

After reviewing the difference between Hydrogen Molecular Water and HyON Ionic Water, the conclusion is very simple and the choice between the product benefits is crucial for the needs of the consumer. The Molecular Gas created through a brilliant marketing scheme was a nice attempt at a vital need for the consumer but offered no real benefits. The only choice is to use a product that has the right hydrogen ionic base – HyON Water.

This is the **FIRST REAL ENERGY DRINK** created in the world thanks to the transfer of energy by the ATP to the human bodies microconidia.