

# HYDRO CELL



## *The body's most crucial nutrient*

Healthy blood flow, kidney function, digestion, joint health, and electrolyte balance are just a few of the bodily functions that are impacted by hydration. Hydration status also has a major influence on physical and mental performance and factors that affect performance. Although drinking a lot of water is obviously important, there is much more to hydration than just the water itself. Water contains micronutrients that are crucial to cell health. Without minerals like sodium, potassium, calcium, and chloride; water balance, muscle contraction, and acid-base balance would be dysfunctional. Dehydration can lead to significant decreases in both mental and physical performance. <sup>(1)</sup>

## *The Issue*

Our soils have become foul with fertilizers and pesticides and no longer contain the necessary components to properly fortify our plant foods. <sup>(2)</sup> This means that the micronutrient profiles of foods have changed; fruits and vegetables contain less vitamins and minerals than they used to. <sup>(3)</sup> It is estimated that a large percentage of the American population has mineral deficiencies due to the nutritional quality of our foods.

Lastly, the typical American diet creates a recipe for high blood acidity. Acidity is measured on the pH

scale, where 0 is the most acidic, 7 is neutral, and 14 is the most basic, or alkaline. Optimal blood pH falls between 7.35 and 7.45, but as pH drops so does the amount of oxygen in the body, which means less oxygen circulating to carry out reactions and nourish our cells. <sup>(4)</sup> Raw plants are alkaline foods. Acidic foods include meats, sugars, starchy grains, alcohol, and even pharmaceuticals. An excess of acidity in the body from these foods and not enough raw plants to mitigate the acid can cause the body to borrow basic (alkaline) minerals from vital organs and bones to neutralize the acid. This is referred to as chronic acidity or acidosis and it forces the body to work harder to carry out normal functions, often causing fatigue. <sup>(5)</sup> Many Americans are so used to this lack of energy on an everyday basis that they do not realize their bodies should be performing better.

## *The Solution*

As health conscious individuals, we need to ensure that we are giving our bodies the water and nutrients it needs to perform optimally. BioProtein Technology's Hydro Cell is a water additive that provides an abundance of nutrients and plant extracts that work to hydrate the body and keep a proper acid-base balance. Additionally, Hydro Cell has the ability to enhance the absorption and effectiveness of other nutrients and supplements that you take in. Adding 2/3 of a dropper to a gallon water, or 2 drops per 8 ounces of water provides the body with fulvic acid, humic acid, over 74 trace colloidal ionic minerals and electrolytes, amino acids, enzymes and unique polysaccharides.

## Ingredients

Aloe vera contains glucomannans that have the ability to enhance the transportation of nutrients into body cells, making those nutrients more bioavailable and effective. <sup>(6)</sup>

Lycium berries contain unique polysaccharides that have been documented to have positive effects on energy levels, athletic performance, stamina and endurance, metabolism, glucose control and cell protection. <sup>(7)</sup>

The polyelectrolyte delivery system of shilajit was designed by nature to enhance the absorption, stability and effect of nutrients in the body. Shilajit contains a potent blend of humic acid, fulvic acid, and organic plant materials to nourish cells. <sup>(8)</sup>