

AccuLytes™

Accurate and balanced electrolytes, in a formula based on actual electrolyte loss in performance horses

- Formulated to accurately reflect the proportions of sodium, chloride, potassium and phosphorus lost through sweat
- Provides extra amounts of crucial calcium and magnesium for additional protection during prolonged exercise
- Improves cationic/anionic balance to help control exercise-induced acidity, which can cause early fatigue
- Also contains encapsulated direct-fed microbial cultures to help replenish beneficial gut microflora

Electrolytes - Maintaining the Body Electric Horses depend on certain electrically charged minerals to maintain the balance and flow of vital body fluids, the transmission of nerve impulses, and the healthy function of the muscles and the circulatory system. These minerals are called electrolytes. Their positive and negative charges help to control the body's pH (acid/base) balance and the transport of nutrients and waste products in and out of the cells. Because some electrolytes, such as sodium and chloride, are in short supply in basic feedstuffs like hay and grain, it is important to provide a salt block for horses to use on a free choice basis. However, during periods of training, performance, and high ambient temperatures and humidity, horses lose large quantities of electrolytes through sweat. In these conditions, horses, like human athletes, need additional electrolytes added to their daily diet. AccuLytes provides a balanced, readily absorbable supply of the six major electrolytes in a concentrated and highly palatable supplement.

Replacing Electrolytes Lost in Sweat Because horses are large animals, they have proportionately more heat-producing mass, and less surface area from which to radiate excess heat. They must depend upon the cooling power of large quantities of perspiration to maintain safe internal temperatures. Unlike human sweat, equine sweat is hypertonic; it contains a higher level of electrolytes than the blood plasma. The loss of such large quantities of water and electrolytes means that horses require serious attention to their water and electrolyte intake to maintain optimum fitness during intensive work. The AccuLytes formula accurately reflects the proportions of sodium, chloride, potassium and phosphorus lost in actual performance, and provides extra amounts of crucial calcium and magnesium for additional protection during prolonged exercise. AccuLytes provides a convenient and much more accurate alternative to the guesswork of mixing various loose salts in the hope of supplying the proper electrolyte balance.

Controlling Acidity with Dietary Cation-Anion Balance During the intensive work of training and performance, the production of energy from food fuels releases increasing amounts of acid by-products. The best known of these is lactic acid, or lactate. As these acids accumulate in the muscles and the blood, the body's pH drops, metabolic efficiency declines and the stage is set for fatigue and reduced performance. Proper nutrition offers several avenues for controlling this problem and maintaining the body's pH within the optimum range for a longer period of time. Electrolytes play a major role in the body's efforts to buffer excess acidity. Positively charged mineral ions, called cations, improve the processing of the large amounts of hydrogen ions released during exercise metabolism, and thus maintain better pH. When excess negatively charged minerals, or anions, are present, acidity increases and performance suffers. Studies show that a more positive dietary cation-anion balance (DCAB) can be an important part of the successful control of exercise-induced acidity. The forms and ratios of electrolytes in AccuLytes have been carefully selected to give you the best combination of optimum DCAB and accurate replacement of minerals lost in sweat. AccuLytes adds the buffering power of mineral carbonates while avoiding the negative effects of the extremely alkaline sodium bicarbonate found in other electrolyte supplements and pre-performance products.

Formulated For Easier Feeding and Better Solubility AccuLytes uses a variety of quality mineral salts and amino acid chelates to achieve a free-flowing blend that is easy to feed and easily dissolved in water. This gives you great flexibility and several feeding options for supplying the balanced ratios of the AccuLytes formula. AccuLytes is tuned for better absorption with chelated forms of calcium and manganese and the amino acid

glycine, which has been shown to enhance the absorption of mineral electrolytes. AccuLytes™ concentrated formula is based on a unique blend of mild flavors and dextrose that horses enjoy, plus five direct-fed microbial cultures, including Lactobacillus acidophilus. These beneficial micro-organisms are compatible with the digestive tract of horses.

Feeding Instructions: Enclosed scoop holds 1½ ounces. Feed 3 ounces (2 scoops) daily during training and performance. Feed 1½ ounces (1 scoop) daily during moderate exercise. Increase feeding of large breeds proportionately according to body weight in excess of 1,000 pounds. Severely stressed horses may benefit from additional amounts. Do not mix with acidic food products in a dose syringe. Store in a cool, dry place away from children. Close container after each use.

Also available...

AccuLytes™ Paste

Balanced electrolyte paste – Handy easy-dosing tubes of our premium AccuLytes formula, by customer demand

- Available in handy one dose or three dose tubes
- Accurately replenishes electrolytes lost in horses' sweat
- Improves Cationic/Anionic Balance
- Fortified with Encapsulated Direct-Fed Microbial Cultures and Glycine
- Great for all sport, racing, endurance, and other hard-working horses

At Last: Convenience and Quality in One Electrolyte! In response to our loyal customers' patient requests for a portable form of our precisely balanced AccuLytes formula, we are pleased to offer AccuLytes Paste. Available in handy one dose and three dose tubes, this product packs all the advanced nutrition of AccuLytes into a concentrated, simple-to-feed paste. You can take it on the trail, across country - wherever you go, this AccuLytes is ready to use!

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