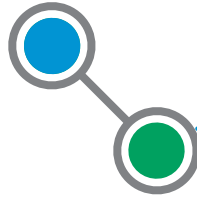


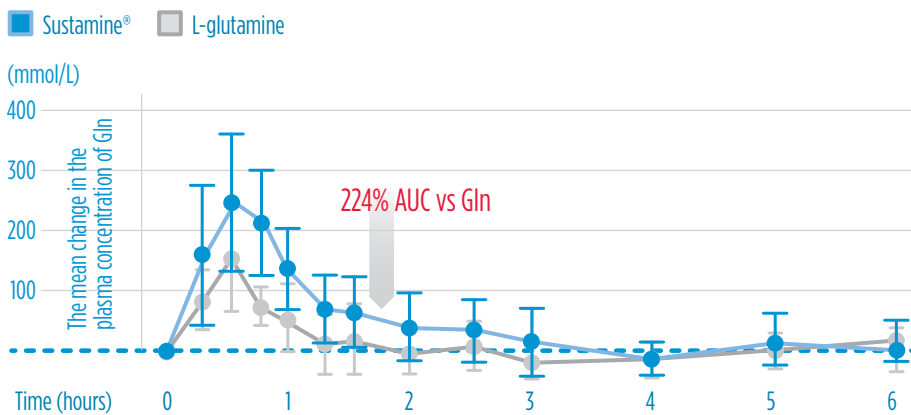
What is Sustamine®?



A dipeptide consisting of two amino acids (L-alanine and L-glutamine) connected by a peptide bond designed for stability, and quick, efficient absorption.*

Superior absorption

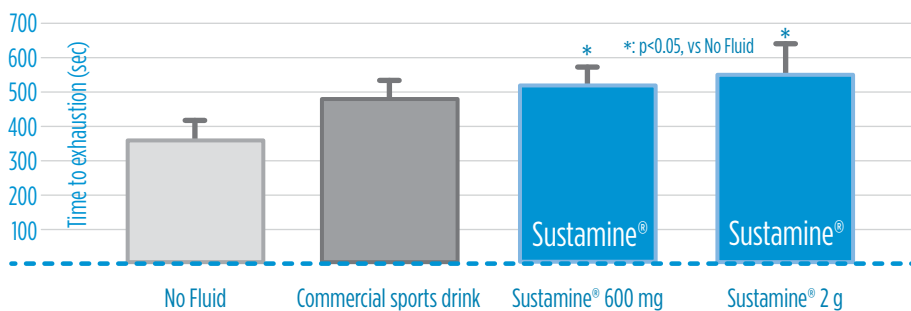
Sustamine® is absorbed up to 224% better than standard L-glutamine¹



A study comparing straight L-glutamine vs. Sustamine® showed statistically significant increases in both peak and total plasma concentration levels indicating superior absorption.*

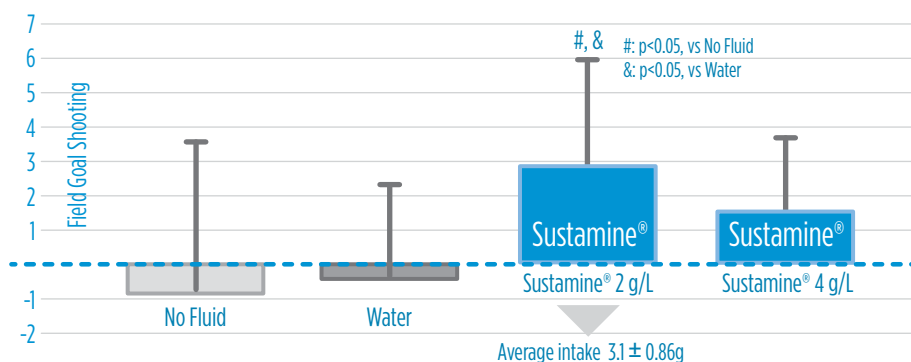
Sports performance benefits

1. Improved time to exhaustion during high-intensity, one-hour treadmill run²



Rehydration with Sustamine®, at both high and low doses, significantly improved time to exhaustion compared to no-hydration.*

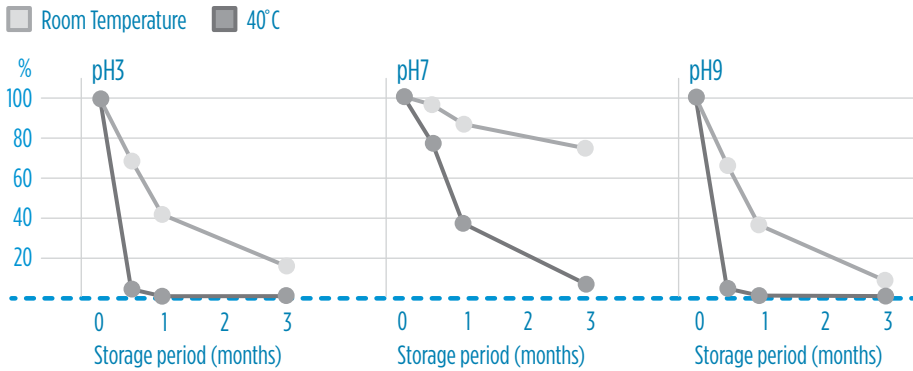
2. Improved basketball skill performance³



Improved rehydration with Sustamine® helped field goal shooting as compared to no fluid or water alone.*

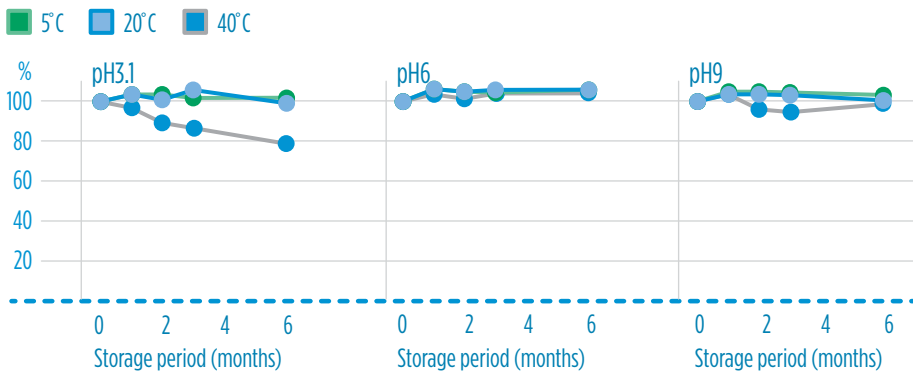
Sustamine® is a highly stable form of glutamine

Glutamine in solution stability over time



Glutamine in solution is **NOT** stable and degrades over time.

Sustamine® in solution stability over time⁴



Sustamine® is a very stable form of glutamine.

Why Sustamine®?

- Stable
- Soluble
- Taste-free
- The only GRAS L-Alanyl-L-Glutamine
- Vegetarian
- Ultra-pure
- Science-supported

Sustamine® is the **ONLY** L-Alanyl-L-Glutamine backed by human clinical research.

1. Harris, RC, et al., NBH: L-glutamine absorption is enhanced after ingestion of L-alanylglutamine compared with the free amino acid or wheat protein. *Nutr Res* 2012, doi:10.1016/j.nutres.2013.02.003.
2. McCormack WP et. al. Effect of acute L-Alanyl-L-Glutamine and electrolyte ingestion on cognitive function and reaction time following endurance exercise. *J Am Coll Nutr.* (Published online June 22, 2015).
3. Hoffman, JR, et al., L-alanyl-L-glutamine ingestion maintains performance during a competitive basketball game. *Jrnl Int Soc Sports Nutr* 2012, doi:10.1186/1550-2783-9-4.
4. Publication in progress

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.