

## Amino Acid Blend Powder

### What is NuMuscle®?

**NuMuscle®** is a cutting-edge amino acid blend formulated to support muscle synthesis, maintain lean muscle mass, and aid in recovery—without adding excess calories. Its optimized ratio of essential amino acids, including L-Arginine, has been **developed over 20+ years** of research to provide maximum efficiency in promoting muscle health. Designed for those who struggle to meet their protein needs through traditional dietary sources, NuMuscle® offers a powerful, low-calorie solution.

With a clinically backed **daily dose of just 3.6g**, NuMuscle® is **supported by 26 clinical studies**, including double-blind, placebo-controlled trials. This formula has been scientifically proven to optimize muscle protein synthesis and recovery across diverse populations and objectives, making it a leader in amino acid supplementation.

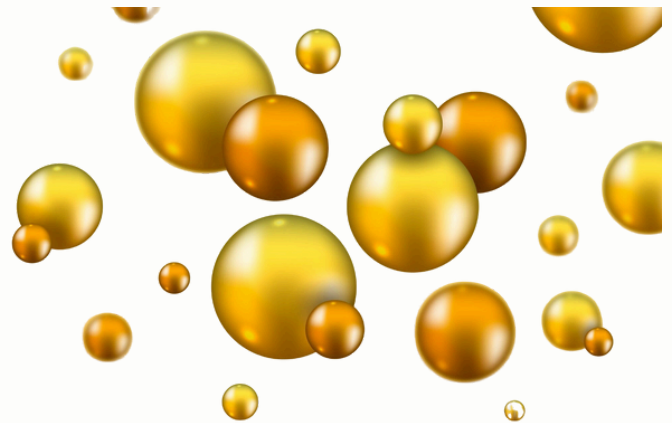
### Why NuMuscle®?

#### 1 Clinically Developed Formula:

Backed by over **20 years of research** and clinical trials, the NuMuscle® amino acid blend has been scientifically tested across various demographics, demonstrating its effectiveness in promoting muscle growth, strength, and recovery.

#### 2 Low Calorie Muscle Support:

NuMuscle® is ideal for individuals managing their **caloric intake**. It delivers all the benefits of traditional protein without the extra calories, making it perfect for muscle maintenance during weight management or dietary restrictions.



### The Golden Ratio

NuMuscle® delivers the "Golden Ratio" of essential amino acids, **optimized over 26 clinical studies**, to ensure the most effective muscle protein synthesis. With a precise 3.6g dose, NuMuscle® provides formulators with a highly efficient and **scientifically validated** amino acid blend that can enhance the muscle-supporting benefits of their products.

## 3 Superior Absorption Rate:

NuMuscle® is absorbed into the bloodstream in **mere minutes**, making it an ideal addition to products where fast-acting muscle recovery and support are essential. This rapid absorption ensures that your formulations deliver **immediate benefits** to consumers looking for quick muscle repair and reduced post-workout soreness.

## 4 Versatile Applications:

NuMuscle® is an optimized amino acid blend, ideal for a wide range of formulations, including beverages, powders, capsules, and tablets. Its **low dosage and solubility** make it easy to incorporate into various consumer packaged goods without compromising on flavor or texture.

### Clinical Research Behind NuMuscle®

The NuMuscle® formula has been developed and validated through 26 clinical studies. Studies 1-18 focused on optimizing the ratio of essential amino acids for muscle synthesis. Studies 19-26 confirmed the effectiveness of the final "Golden Ratio" blend across various demographics and objectives, from athletes to elderly individuals, with a daily dose of 3.6g.

#### Athletes

NuMuscle® has been shown to significantly enhance muscle recovery and growth, making it ideal for athletes engaged in high-intensity training. Clinical studies demonstrated that athletes using NuMuscle® experienced faster recovery, increased muscle mass, and improved strength, with just a 3.6g daily dose. Its fast absorption rate ensures immediate availability of essential amino acids, making it a key ingredient for sports nutrition formulations.

#### Weight Management

The low-calorie profile of NuMuscle® makes it an excellent choice for weight management formulations. Clinical research showed that NuMuscle® helps preserve lean muscle mass during caloric restriction, which is essential for maintaining metabolism while losing fat. Studies also demonstrated improvements in liver fat reduction and metabolic health, making NuMuscle® an effective ingredient for products targeting weight-conscious consumers.

#### Elderly

NuMuscle® has proven effective in preserving muscle mass and strength in elderly populations, where muscle loss is a critical concern. Clinical studies highlighted significant improvements in lean body mass, mobility, and overall physical function in elderly individuals supplementing with a 3.6g daily dose of NuMuscle®. Its rapid absorption and muscle-sparing effects make it a vital ingredient for senior nutrition products focused on healthy aging and maintaining independence.

\*For detailed information and access to the full clinical studies supporting NuMuscle®, please reach out to [sales@selectingredients.com](mailto:sales@selectingredients.com)

### Specifications

**Shelf Life:** 24 months      **Solubility:** Freely soluble to water  
**Dose:** 3.6 Grams      **Appearance:** White Powder  
**Format:** Bulk Powder      **Taste:** Characteristic  
**Lead Time:** 8-12 Weeks

### Claims:

- Vegan
- Non-GMO
- Gluten Free
- Clinically Backed