



ULTRA HMB™

BUILD. RECOVER. GET STRONGER.

PRODUCT INFORMATION

HMB-Ca (β -Hydroxy β -MethylButyrate Calcium)

UltraHMB™ (β -Hydroxy β -MethylButyrate Calcium) is a nutritional ingredient to support athletic performance and healthy aging. Clinical research supports anticatabolic and endurance benefits with emerging studies suggesting neuroprotective effects. This makes HMB-Ca an ideal ingredient for sports nutrition and healthy aging formulations.*

Vesta's food grade HMB-Ca is non-GMO and allergen-free.

UltraHMB™ Benefits



Helps boost muscle size, strength, and tone as well as lean body mass



Promotes recovery, exercise endurance, and protein synthesis



Supports active lifestyles and athletic performance for healthy aging



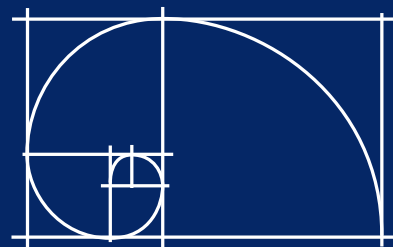
May reduce age-related deficits and support cognitive performance

What Is UltraHMB™?

HMB is a naturally occurring metabolite of the amino acid L-leucine. HMB plays an important role in muscle metabolism and cellular health. Research suggests HMB supports muscle maintenance by enhancing protein synthesis, reducing proteolysis, and supporting muscle cell integrity through pathways including mTOR signaling and the ubiquitin-proteasome system.

The body produces HMB naturally but levels may decline with age, physical stress, diseases such as cancer, or injury. UltraHMB™ stimulates cells through metabolic pathways of L-Leucine and mTOR phosphorylation to mitigate this decline.

1.888.55VESTA



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*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.

www.vestaingredients.com

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Vesta®



Vesta Nutra

Why UltraHMB™?

Emerging research suggests HMB supplementation may support both physical and cognitive function:

- Research in *BMC Geriatrics* showed HMB supplementation—particularly combined with exercise—supported muscle health & physical function in older adults (Courel-Ibáñez & Pallarés, 2019).
- Published research in *Amino Acids* revealed that HMB-Ca works fast, reaching absorption in fewer than 45 minutes (Rodrigues Ribeiro et al., 2024). This is ideal for preworkout formulations.
- Findings published in *J. of Internatl. Society of Sports Nutrition* found that HMB intake had a positive effect on the aerobic capacity and endurance of athletes (Durkalec-Michalski & Jeszka, 2015).
- Research using animals in *Cell Reports* also suggests HMB may support neuronal growth, memory, & learning while reducing protein aggregation associated with cognitive decline (Paidí et al., 2023).

Uses and Format:

- Dietary Supplement
- Capsules / Tablets / Sachets

Product Information:

- Appearance: Powder
- Odor/Taste: Characteristic
- Dosage: 3 g/day

UltraHMB™ is also available in liposomal format. Powered by LipoQuest™ for enhanced delivery & absorption



Packaging and Storage:

- Do not freeze/thaw
- Package unit: 5kg
- Store in a cool, dry place away from light & heat



Innovative Products at Competitive Prices™



SCIENCE. QUALITY. TRUST.



Vesta®

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