

# **Magnesium Glycinate**

Chelated Magnesium for Healthy Muscle, Bone, Cardiovascular, and Nervous System Support

The new and improved Magnesium Glycinate is a dietary supplement formulated with highly absorbable chelated magnesium, as patented TRAACS™ (magnesium lysinate glycinate chelate), and added malic acid for additional health benefits. •

Magnesium is one of the most abundant essential minerals in the human body and a key cofactor for more than 300 biological processes, especially for healthy muscular contraction, cardiovascular function, nervous system function, bone mineralization, and healthy blood sugar balance.\*1

The USDA estimates that as few as 1 out of every 3 adults in the U.S. meet the recommended daily intake of magnesium.<sup>2</sup> Deficiency can significantly increase the risk of muscular weakness and impaired contractile force, low bone mineralization, electrolyte imbalance, and neurodegenerative complications.

## **How Magnesium Glycinate Works**

Research demonstrates that chelated magnesium is one of the most absorbable forms of supplemental magnesium. The updated formula now contains even more chelated magnesium, promoting optimal magnesium-dependent health benefits throughout the body.\*3 This includes proper absorption and utilization of calcium and vitamin D3, both of which are integral to a multitude of physiological processes and overall well-being, particularly bone mineralization, muscle function, and cardiovascular health.\*4

Neuropharmacological research has shown that magnesium deficiency is strongly correlated with feelings of anxiety and even panic attacks.<sup>5</sup> It appears that magnesium deficiency dysregulates the hypothalamic-pituitary-adrenal axis—the primary glands responsible for producing stress hormones (i.e., catecholamines).

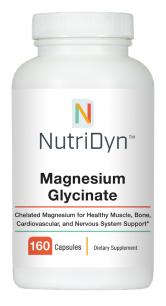
Clinical research also shows healthy magnesium levels promote normal cortisol rhythms, thereby supporting relaxation, healthy sleep-wake cycles, and support for healthy blood sugar balance.\*6,7

The updated formula has added malic acid to support healthy muscles and promote post-exercise recovery.\* Clinical research shows malic acid supports cellular energy and promotes endurance during athletic performance.\*8

## **Magnesium Glycinate Supplementation**

Clinical research cited herein suggests the benefits of Magnesium Glycinate supplementation may include:

- Supports healthy muscle function and recovery
- Supports healthy bone mineralization\*
- Supports healthy cardiovascular function\*
- Supports the nervous system and relaxation\*
- Support for healthy blood sugar levels already in the healthy range



Form: 160/320 Capsules Serving Size: 2 Capsules

Ingredients	Amount	%DV
Magnesium (as di-magnesium malate and magnesium lysinate glycinate chelate) (TRAACS™)	260 mg	62%
Malic Acid (as di-magnesium malate	e) 828 mg	**

#### Other Ingredients:

Hypromellose, vegetable magnesium stearate, silicon dioxide.

TRAACS™ is a trademark of Balchem Corp. or Albion Labs.

### **Directions:**

Take two capsules twice daily as a dietary supplement, or as directed by your healthcare practitioner.

Caution: If pregnant, nursing, or taking medication, consult your healthcare practitioner before use. Keep out of reach of children.







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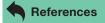




NON-GMO

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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.



#### References:

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- 3. Schuette SA et al. J Parenter Enteral Nutr. 1994;18(50):430-435.
- 4. Ayuk J et al. Ann Clin Biochem. 2014;51(2):179-88.
- 5. Sartori SB et al. Neuropharmacology. 2012;62(1):304-312.
- **6.** Cinar V et al. *Biol Trace Elem Res.* 2008;121(3):215-220.
- 7. Nielsen FH et al. *Magnesium Res*. 2010;23(4):158-168.
- **8.** Qiang F. Open Biomed Eng J. 2015:9:326–329.