# **NutriDyn**<sub>®</sub>

## Muscle Eze

Targeted Formula for Supporting and Relaxing Healthy Muscle Tissue\*

### **Muscle Eze Supplementation**

Muscle tissue is one of the four basic types of tissues in animals, requiring specific nutrients to function optimally. Lacking these nutrients can lead to muscles that cramp, contract involuntarily, and don't recover properly from physical activity. This is where NutriDyn Muscle Eze comes in as a targeted formula for supporting healthy muscle tissue and promoting relaxation.

For optimal quality and tolerability, Muscle Eze is a non-GMO, gluten-free, dairy-free, and vegetarian-friendly formula produced in a cGMP facility. Read on to learn how the ingredients in this unique formula work and how they can help you feel more at ease.

Muscle Eze helps nourish muscle tissue and the nervous system with key nutrients that support healthy muscle function and integrity. Research and clinical evidence cited herein suggests the benefits of Muscle Eze supplementation may include:

- Helps relax and ease muscle tissue\*
- Promotes healthy muscle cell function •
- Supports healthy magnesium and calcium status
- Supports calmness\*









TEN-FREE DAIRY-FREE





How Muscle Eze Works

Muscle Eze is a carefully crafted formula featuring highly bioavailable minerals, amino acids, and herbal extracts for relaxing and calming healthy muscle function. These nutrients work synergistically to fight muscle cramps, ease stress, and support healthy neuromuscular function.

#### Magnesium & Calcium

Magnesium and calcium are essential minerals that work in conjunction to support bone mineralization, protein building, muscular contraction, nerve impulse transmission, and immunity. <sup>1</sup> The typical Western diet lacks both of the minerals, which can lead to various health issues such as muscle weakness, constipation, twitching, and cramps.

#### How Muscle Eze Works Continued

For supporting healthy magnesium and calcium status, Muscle Eze includes highly bioavailable forms of these two muscle-supporting minerals. •2,3 This means more of the magnesium and calcium in Muscle Eze actually gets absorbed by the body, thereby helping promote healthy muscle function and integrity. •4

#### L-Theanine

L-theanine is a non-dietary amino acid and one of the major constituents of green tea leaves. This amino acid is renowned for its GABAergic properties, thereby supporting relaxation throughout the nervous system and helping ease stress. •4

#### **Passion Flower Extract**

Muscle Eze is rounded out with a high-potency extract of passion flower (*Passiflora incarnata*), an herbal ingredient with an array of flavonoids and amino acids that work in similar fashion to L-theanine by supporting healthy GABA production. 

• GABA is a crucial neurotransmitter for promoting healthy stress and muscle function. 
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## **Supplement Facts**

Serving Size: 3 Capsules Servings Per Container: 30

	<b>Amount Per Serving</b>	%DV*
Calcium	100 mg	8%
(as calcium lactate)		
Magnesium	200 mg	48%
(as magnesium citrate)		
L-Theanine	50 mg	**
Passion Flower Extract	40 mg	**
(whole herb: Passiflora incarni	ata)	

**Other Ingredients:** Microcrystalline cellulose, hypromellose, vegetable magnesium stearate, silica.

**Directions:** Adults take three capsules 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. Use with caution when driving or operating machinery; may cause drowsiness. Keep out of reach of children.

#### References:

- Maathuis, F. J. (2009). Physiological functions of mineral macronutrients. Current opinion in plant biology, 12(3), 250-258.
- Lindberg, J. S., Zobitz, M. M., Poindexter, J. R., & Pak, C. Y. (1990). Magnesium bio availability from magnesium citrate and magnesium oxide. Journal of the American College of Nutrition, 9(1), 48-55.
- 3. Camara-Martos, F., & Amaro-Lopez, M. A. (2002). Influence of dietary factors on calcium bioavailability. *Biological trace element research*, 89(1),43-52.
- Nathan, P. J., Lu, K., Gray, M., & Oliver, C. (2006). The neuropharmacology of L-theanine (N-ethyl-L-glutamine) a possible neuroprotective and cognitive enhancing agent. *Journal of Herbal Pharmacotherapy*, 6(2), 21-30. Heaney RP (December 2004). "Functional indices of vitamin D status and ramifications of vitamin D deficiency." The American Journal of Clinical Nutrition, 80 (6 Suppl): 17065-98.
- The American Journal of Clinical Nutrition. 80 (6 Suppl): 1706S–9S.

  5. Elsas, S. M., Rossi, D. J., Raber, J., White, G., Seeley, C. A., Gregory, W. L., ... & Soumyanath, A. (2010). Passiflora incarnata L.(Passionflower) extracts elicit GABA currents in hippocampal neurons in vitro, and show anxiogenic and anticonvulsant effects in vivo, varying with extraction method. Phytomedicine, 17(12), 940-949.
- Dicpinigaitis, P. V., & Dobkin, J. B. (1997). Antitussive effect of the GABA-agonist baclofen. Chest, 111(4), 996-999.

<sup>\*</sup> 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.