

## MULTI COLLAGEN RENEW

Collagen Peptides to Support Healthy Skin, Bones, and Joints\*

#### **UNFLAVORED**

# **Dynamic Multi Collagen Renew Supplementation**

Dynamic Multi Collagen Renew is an unflavored blend of collagen peptides to support healthy skin, bones, and joints.\* This concentrated dietary source of collagen is an excellent choice to support high protein intake with a host of health benefits.\*

Key benefits of Dynamic Multi Collagen Renew include:

- Promotes healthy skin appearance
- Promotes healthy nails<sup>\*</sup>
- Support for healthy joints<sup>\*</sup>
- Support for healthy bones\*
- Support for healthy ligaments and tendons<sup>\*</sup>

## **How Dynamic Multi Collagen Renew Works**

The primary source of protein in our body is from collagen found in the connective and fibrous tissues. Collagen is integral in connecting parts of the body including tendons, ligaments, skin, bone, and cartilage.<sup>1,2</sup> Collagen is an amino acid built from peptide chains and is a concentrated source of proline, glycine, and hydroxyproline.<sup>3,4</sup>

Dynamic Multi Collagen Renew contains Fortigel®, Fortibone®, Tendoforte®, and Verisol® collagen peptides to promote vibrant skin and nails while also supporting healthy joints, bones, ligaments, and tendons.\* Fortigel® promotes joint health.\* Fortibone® promotes bone health.\* Tendoforte® promotes healthy ligaments and tendons.\* Verisol® supports skin and nail health.\*

#### **Healthy Skin and Nails**

Collagen production decreases as we age resulting in dry skin and brittle nails.<sup>5,6,7</sup> Collagen peptides such as Verisol® may help support elasticity and hydration of the structural components of skin and nails. <sup>5,6,7,8</sup> Clinical studies demonstrate oral supplementation with collagen helps promote healthy skin and nails by stimulating natural collagen production processes along with other proteins in the body. <sup>6,10,11</sup>



#### **Healthy Joints**

Healthy joints are protected by cartilage. Collagen supports the integrity of cartilage, but unfortunately collagen production decreases as we age. 12 Dietary sources of collagen such as Fortigel® may help support this symbiotic relationship. \*13,14 Clinical studies demonstrate supplemental collagen's ability to help promote healthy cartilage production and support healthy joints. •13,14

#### **Healthy Bones, Ligaments, and Tendons**

Healthy bones, ligaments, and tendons are the result of healthy collagen in the skeletal system. Collagen in the bones, ligaments, and tendons supports flexibility, elasticity, and mobility. \*15,16 Dietary sources of collagen such as Fortibone® and Tendoforte® may help promote healthy bones, ligaments, and tendons.\* Clinical studies demonstrate supplemental collagen's ability to help promote healthy bone collagen matrix. •15,16

### Why Use Dynamic Multi Collagen Renew?

Dynamic Multi Collagen Renew is the ideal nutritional supplement for individuals looking for a comprehensive formula to support concentrated dietary collagen intake. This easy-to-mix unflavored powdered formula is a rich source of collagen peptides to support healthy skin, nails, joints, bones, ligaments, and tendons.

#### upplement Facts **Amino Profile** Serving Size: About 1 Scoop Typical Amino Acid Composition in Milligrams Servings Per Container: 30 **Per Serving Ingredients: Amount** %DV\* **Ingredients: Amount** 1,290 mg **Protein** 15 g **Arginine** 1,100 mg Aspartic Acid Sodium 35 mg 870 mg 17.5 g Collagen Peptides **Glutamic Acid** 1,530 mg Gelatin Hydrolysate (FORTIGEL®) **Glycine** 3,330 mg Gelatin Hydrolysate (FORTIBONE®) Histidine 150 mg Gelatin Hydrolysate (TENDOFORTE®) Hydroxylysine 240 mg Gelatin Hydrolysate (VERISOL®) 2.5 q 1,790 mg Hydroxyproline Isoleucine 210 mg 410 mg Other Ingredients: Bovine Collagen Peptides. 540 mg FORTIGEL®, FORTIBONE®, TENDOFORTE®, and VERISOL® are registered trademarks of GELITA AG. 140 mg Methionine Phenylalanine 320 mg **Directions:** Shake canister before scooping. Mix 1 scoop in 8 **Proline** 1,910 mg ounces of water, your favorite beverage, or a recipe as a dietary supplement or as directed by your healthcare practitioner. Serine 480 mg Threonine 270 mg Caution: If you are pregnant, nursing, or taking medication, **Tyrosine** 120 mg 360 mg reach of children.

#### References:

- Sibilla, S., Godfrey, M., Brewer, S., Budh-Raja, A., & Genovese, L. (2015). An overview of the beneficial effects of hydrolysed collagen as a nutraceutical on skin properties: Scientific background and clinical studies. *The Open Nutraceuticals Journal*, 8(1), 29-42.
   Silvipriya, K., Kumar, K., Bhat, A., Kumar, B., John, A., & Lakshmanan, P. (2015). Collagen: Animal sources and biomedical application. *Journal of Applied Pharmaceutical Science*, 5(3), 123-127.
   Li, P., & Wu, G. (2018). Roles of dietary glycine, proline, and hydroxyproline in collagen synthesis and animal growth. *Amino Acids*, 50(1), 29-38.

- Shen, G. (2005). The role of type X collagen in facilitating and regulating endochondral ossification of articular cartilage. Orthodontics and Craniofacial Research, 8(1), 11-17.

  Asserin, J., Lati, E., Shioya, T., & Prawitt, J. (2015). The effect of oral collagen peptide supplementation on skin moisture and the dermal collagen network: evidence from an ex vivo model and randomized, placebo-controlled clinical trials. Journal of Cosmetic Dermatology, 14(4), 291-301.

  Ganceviciene, R., Liakou, A. I., Theodoridis, A., Makrantonaki, E., & Zouboulis, C. C. (2012). Skin anti-aging strategies. Dermato Endocrinology, 4(3), 308-319.

  Hexsel, D., Zague, V., Schunck, M., Siega, C., Camozzato, F. O., & Oesser, S. (2017). Oral supplementation with specific bioactive collagen peptides improves nail growth and reduces symptoms of brittle
- nails. Journal of Cosmetica Dermatology, 16(4), 520-526.
  Lipp, T. (2016). Aging beautifully Proven skin health benefits of collagen peptides: Preclinical and clinical studies substantiate the beneficial effects of orally administered collagen peptides. Growing Healthy, 27(6).
- Lipp, T. (2016). Aging beautifully Proven skin health benefits of collagen peptides: Preclinical and clinical studies substantiate the beneficial effects of orally administered collagen peptides. Growing Healthy, 27(6 9). Proksch, E., Schunck, M., Zague, V., Segger, D., Degwert, J., & Oesser, S. (2014). Oral intake of specific bioactive collagen peptides effects of kin wrinkles and increases dermal matrix synthesis. Skin Pharmacology and Physiology, 27, 113–119
   Borumand, M., & Sibilla, S. (2015). Effects of a nutritional supplement containing collagen peptides on skin elasticity, hydration and wrinkles. Journal of Medical Nutrition and Nutraceuticals, 4(1), 47–53.
   Proksch, E., Segger, D., Degwert, J., Schunck, M., Zague, V., & Oesser, S. (2014). Oral supplementation of specific collagen peptides has beneficial effects on human skin physiology: a double-blind, placebo-controlled study. Skin Pharmacology and Physiology, 27(1), 47–55.
   Moskowitz, R. W. (2000). Role of collagen hydrolysate in bone and joint does... Seminars in Arthritis and Rheumatism, 30(2), 87-99.
   Clark, K. L., Sebastianelli, W., Flechsenhar, K. R., Aukermann, D. F., Meza, F., Millard, R. L., Deitch, J. R., Sherbondy, P. S., & Albert, A. (2008). 24-Week study on the use of collagen hydrolysate as a dietary supplement in athletes with activity-related joint pain. Current Medical Research Opinion, 24(5), 1485-1496.
   Bello A. F. & Oesser, S. (2006). Collagen hydrolysate for the treatment of categorithis and other light given as very supplement.

- 14. Bello, A. E., & Oesser, S. (2006). Collagen hydrolysate for the treatment of osteoarthritis and other joint disorders: a review of the literature. Current Medical Research Opinion, 22(11), 2221-2232.
   15. Praet, S. F. E., Purdam, C. R., Welvaert, M., Vlahovich, N., Lovell, G., Burke, L. M., Gaida, J. E., Manzanero, S., Hughes, D., & Waddington, G. (2019). Oral supplementation of specific collagen peptides combined with calf-strengthening exercises enhances function and reduces pain in achilles tendinopathy patients. Nutrients, 11(1).
- 16. König, D., Oesser, S., Scharla, S., Zdzieblik, D., & Gollhofer, A. (2018). Specific collagen peptides improve bone mineral density and bone markers in postmenopausal women—A randomized controlled study. Nutrients. 10(1).



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.











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