



NEW PRODUCT

ThorneVet CollagenVET

Revitalize your Pet's Health with Collagen Peptides

CollagenVET is ThorneVet's cutting-edge animal health supplement formulated with collagen peptides for enhancing your pet's health and wellbeing. **CollagenVET** supports the joints and connective tissues to keep pets moving and feeling their best. It also provides substantial support in keeping their skin barrier healthy, which in turn promotes a healthy hair and coat. Backed by substantial research and made with a premium quality ingredient, **CollagenVET** will help keep your beloved companion active, healthy, and thriving.

Benefits of Collagen Peptides:

- | Optimal absorption and bioavailability
- | Support for healthy joints, muscles, bones, and skin
- | Key building blocks for strong, healthy connective tissues
- | Improve the skin barrier function, which reduces dry, itchy skin
- | Help maintain the integrity of the gut
- | An easily digestible powdered form that pets find very palatable

CollagenVET – Hydrolyzed Collagen Peptides

Background

Collagen is the most abundant protein in the extracellular matrix of all vertebrates.¹ Based on their structure, their supramolecular organization, and their functional features, 28 types of **collagens** have been identified.² Depending on the manufacturing process, collagen-derived products can be obtained that have totally different structures, composition, and properties. **Collagen** can be soluble or insoluble; **collagen** can be denatured; and collagen can be produced by hydrolysis.³ **Hydrolyzed collagen peptides** undergo a unique process that breaks down native **collagen** (type II collagen) into shorter amino acid chains (**peptides**) that are easier to digest, as well as being free from the harsh chemicals used to make non-hydrolyzed **collagen**. **ThorneVet's CollagenVET** is composed of **hydrolyzed bovine collagen peptides** – the **collagen** is types I and III, and it is derived from grass-fed, hormone-free bovine sources.

Joint Health

Collagen is rich in the amino acids that function as the building blocks for the body's bones, muscles, ligaments, tendons, skin, and other connective tissues. It has been demonstrated that **peptides** derived from **hydrolyzed collagen** – the kind of **collagen** in **CollagenVET** – are well absorbed and better accumulated in the cartilage.⁴ In addition, animal models of osteoarthritis have shown promising results in the preservation of cartilage structures as a result of long-term ingestion of hydrolyzed collagen.^{5,6} **CollagenVET** is composed of **bovine collagen peptides**, which exhibit optimal absorption and accumulation in the cartilage of the joints.

Connective Tissue and Skin

Connective tissue is a term used to describe the cellular and non-cellular matter that make up the space between tissues, organs, and the extracellular matrix. The extracellular matrix is a complex network of structural and functional proteins assembled in unique tissue-specific architectures. This extracellular matrix of proteins and carbohydrates surrounds every cell in the body, providing them with structural and biochemical support. **Collagen** is an integral component of the extracellular matrix.

Therefore, one of the primary roles of **collagen** is to help maintain connective tissue health and the various mechanical properties of the skin.¹ Because collagen is the principal component of the extracellular matrix, it is vital for its strength, regulation, and regeneration.⁷ **Collagen** makes up approximately 75 percent of the dry weight of tendons, and it is the crosslinking of **collagen** structures that enable tendons to better resist high-impact stresses and shear forces.⁸

There are multiple human and animal studies that show the benefit of **collagen** in supporting the integrity of the skin. During the aging process, skin loses its natural elasticity and hydration due to the body's reduced natural production of **collagen**. Therefore, supplementing with **CollagenVET's collagen peptides** will enhance the natural elasticity and hydration of the skin, which, in turn, improves the skin barrier integrity, which supports the animal's healthy skin and coat.⁹

Gut Health

In addition to ensuring adequate absorption and transport of nutrients and fluids, the epithelial barrier of the intestinal tract is an important line of defense in preventing noxious materials from crossing from the digestive tract into the bloodstream.¹⁰ However, a variety of adverse health conditions can compromise this epithelial barrier, which can cause "leakiness" (or "leaky gut") in the spaces between the epithelial cells that line the intestine. This "leakiness" can result in adverse gastrointestinal symptoms, poor nutrient absorption, and systemic symptoms of inflammation. It has been shown that **functional peptides**, like the **collagen peptides** in **CollagenVET**, have the potential to maintain and reinforce gut function – or help repair intestinal mucosa dysfunction – through mechanisms of action that include down-regulating the intestinal inflammatory response, diminishing oxidative stress, and regulating the expression and distribution of the proteins that make up the intestinal barrier.¹¹

ThorneVet's CollagenVET is a highly palatable, bioavailable powder of hydrolyzed bovine collagen peptides. CollagenVET supports joints, skin, and digestion to help your pet stay vital and healthy.



CollagenVET

Bovine Collagen Peptides function as building blocks for bones, muscles, ligaments, tendons, skin, and other connective tissues.



1 scoop per 25 pounds body weight daily

V975-P / 75 Scoops

PRODUCT FACTS 75 scoops per container	
Active Ingredients per 2-cc Scoop:	2.0 g
Collagen Peptides (Bovine)	



GLUTEN FREE

References

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