



The Power of Hydrolyzed Collagen To Regenerate Joints & Discs

A Private Association Membership

Hydrolyzed Collagen has been proven to be superior to Glucosamine Sulfate for helping cartilage to heal in your body.

For years Glucosamine Sulfate has been touted as a joint nutrient. Yet real world client results were hit or miss with Glucosamine Sulfate. Some noticed results, but many did not. Our Hydrolyzed Collagen contains naturally occurring Glucosamine Sulfate, plus all the nutrients needed to support cartilage and disc repair.

What is Hydrolyzed Collagen?

Hydrolyzation occurs when an acid or Proteolytic Enzymes are used to break down a protein into smaller polypeptide proteins. The protein used for this purpose is beef collagen.

What Nutrients are in Collagen?

Collagen protein is a connective tissue protein made up of the amino acid's proline, lysine, glucosamine sulfate and other nutrients. Connective tissue proteins are not digestible by your body without being previously broken down with heat, acids, or enzymes.

What makes our Collagen Protein Better than Others?

There is a categorization system that rates the quality of collagen proteins. Most collagen proteins on the market are all category 3, ours rates highest, at category 1. This is due to the fact that our collagen is derived from the ***highest quality grass-fed beef***.

Why is our Collagen Protein More Absorbable than Others?

The size of the collagen protein is key to how well it will be absorbed, the smaller the size the better. The size is referred to as the molecular weight. Typically, all other types of collagen protein products are from 3,000 to 200,000 in their molecular weight. Knox type gelatin protein has a molecular weight from 60,000 to 200,000.

Synergistic Nutrition

A Private Association Membership

160 Dewey Road Greer, South Carolina 29651

864-895-6250 or visit www.synergisticnutrition.com – support@sygn44.com

Chicken collagen has a molecular weight of from 16,000 to 100,000. Our Collagen Protein has a molecular weight of only 1000 to 3000. This very small size makes for a collagen that may have a positive signaling effect as well as making it easier to digest. This also makes our Collagen Protein the most efficacious on the market.

NFL Teams Rely on Our Collagen

Type-2 chicken collagen does not contain adequate levels of hydroxylysine and hydroxyproline, which are the keys to making collagen. Additionally, most caged chickens are fed corn and soy to suppress thyroid function and are high in estrogen. They are low in glycine and alanine, which are both very important amino acids. Doctors such as Tim O'Shea D.C., Abram Ber M.D., Sherry Fong D.C., and a dozen more have used chicken collagen with no results, until trying ours. Dr. Friedlander's Collagen Peptide is pasture-raised beef, with a very low molecular weight for the best assimilation. **The New York Jets and the New Orleans Saints have used chicken collagen in the past. They now use Dr. Friedlander's collagen with much better results.** [Steve Haltiwanger M.D.]

High heat Damages Collagen or Gelatin Supplements

Typical gelatin protein is derived from boiling chicken feet or animal hooves. This high heat automatically denatures (damages) the amino acids. Once amino acids have lost their original shape, the body cannot use them for creating new proteins. This is another reason why the acid or proteolytic enzyme hydrolysis is superior at creating a collagen protein supplement. Digesting the collagen proteins with acids and enzymes leaves the amino acids in their original shape. This is ideal for the body to get maximum utilization.

Benefits of Highly Digestible Collagen Protein Supplement are Manifold

Collagen Protein has types 1, 2 & 3 collagen. These collagens work to support joints, skin, smooth muscle, cartilage, blood, eye, extracellular matrix, and endothelium; in short, this collagen supports the repair of all the connective tissues of the body. This means that wrinkles can diminish or disappear, as the connective tissues are what hold the muscles and skin into their tight positions. Most significantly, this product supports the repair of the discs in the spine and joint cartilage.

Up to 30% of the protein in the body is collagen. Ligaments, tendons, cartilage, discs, and the clear tough membranes that surround, interweave, and hold the muscles and organs together are all connective tissue made of collagen proteins. If you want healthier skin, nails, hair, joints, and discs, then this collagen will provide excellent support. If you want

Synergistic Nutrition

A Private Association Membership

160 Dewey Road Greer, South Carolina 29651

864-895-6250 or visit www.synergisticnutrition.com – support@sygn44.com

stronger muscles, reduced joint inflammation or if you want to repair better while sleeping and experience possible weight loss benefits then try this superior form of collagen protein.

Amino Acid Composition of Collagen (Collagen Peptide is derived from beef hide)

Amino acid	Content g/100 g protein in pork skin	Content g/100 g protein in beef hide split
Essential amino acids (EAAs):		
Isoleucine	1.46	1.88
Leucine	2.80	3.73
Lysine	2.40	3.95
Methionine + cysteine	1.24	0.97
Phenylalanine + tyrosine	2.40	3.34
Threonine	2.00	2.26
Valine	1.70	2.47
Total:	14.00	18.60
Nonessential amino acids:		
Alanine	4.10	10.32
Arginine	3.88	8.22
Aspartic acid	3.90	6.95
Histidine	1.15	0.70
Glycine	16.71	26.57
Glutamic acid	6.58	11.16
Serine	2.15	4.27
Proline	5.50	12.8
Oxyproline	11.43	12.81
Total:	55.4	93.80

Additional Benefits of Collagen Protein

The speed of absorption and the unique amino acid spectrum positively affects many metabolic pathways. One of the most important aspects of this formula is that a

Synergistic Nutrition
 A Private Association Membership
 160 Dewey Road Greer, South Carolina 29651
 864-895-6250 or visit www.synergisticnutrition.com – support@sygn44.com

significant number of individuals will experience immediate positive effects within 5-18 minutes of consumption on an empty stomach. People report improvements in their mental alertness, clarity and concentration, mood, and energy levels.

Athletes who take protein supplements are not necessarily getting the nutrients needed to repair the connective tissue of their bodies. Collagen Peptide contains these necessary nutrients. Dr. Friedlander's collagen also contains hyaluronic acid, which will support the hydration of the body, also helping to improve skin's appearance.

Collagen is now being used in the treatment of osteoarthritis and osteoporosis. It is considered to be a food and is therefore safe for long-term use.¹

Healing The Intestinal Tract Mucosal Wall

Collagen has generous amounts of the amino acids Proline, Serine, Threonine and Cysteine, which are all required to heal the mucosal wall of the entire intestinal tract. Allergies, Leaky Gut, Autoimmunity, Food sensitivities, can all have their origins a leaky or compromise gut. Consuming this collagen in combination with the correct probiotics, prebiotics and postbiotics, will support your body's ability to completely heal your digestive tract.

Sleep: Because this high-quality collagen helps to restore the Direct Current that our body operates on and therefore opens up the electron flow to the mitochondria, it acts as a semiconductor. This in turn can improve one's ability to get to sleep and overall sleep quality.

Testimony: I have had severe insomnia for many years. When I use 1 to 1.5 scoops of this collagen with my dinner in combination with Cortisol Stress Reset, Amino-NR and at bedtime Synergy One, then I am able to get up to 4 hours of sleep. This collagen has played a key role in helping me to sleep. Stephen Heuer

Recommended Usage: Dissolve 1 to 3 scoops in warm water per day. Blend with fruit or juice of your choice.

¹ Moskowitz, R. Role of Collagen Hydrolysate in Bone, and joint Disease. Semin Arthritis Rheum, 2000, 30:87-99.