



Keratin also helps promote skin brightness and radiance through supporting the body's natural antioxidant defenses; it also assists SOD and glutathione production.* For hair health, keratin promotes hair strength and luster.* It also promotes nail strength and elasticity.* Wow - what a multi-beauty-use ingredient!

WHAT IS KERATIN?

Keratin is one of the fibrous structural proteins that supports epithelial cells from damage or stress and is recognized as the key structural component critical to skin, hair and nails. Several types of keratins work together to make strong, tough fibrous proteins.

For instance, keratin 5 works with keratin 14 to support elasticity and flexibility in the skin.* Other keratins work together to form the hard fibrous strands found in hair and nails. Keratin is the critical structural material making up the outer layer of the human skin.

Keratins contains an exceptionally high content of the amino acid cysteine, which is in itself an abundant source of sulfur molecules. Sulfur is the fourth most abundant mineral in the body and is an essential mineral that nourishes and promote the health, strength and appearance of skin, hair and nails.*

WHAT DOES IT MEAN THAT THE KERATIN IS SOLUBILIZED?

Keratin by itself is not water soluble. Premier Research Labs' DermaVen™ uses a patented process yielding solubilized keratin (from New Zealand sheep wool). Distinct from any other water-soluble properties, this solubilized keratin uses a unique colloidal dispersion thus giving the Keratin a greater/higher bioavailability.*

KERATIN FOR THE SKIN: Clinically supports skin moisture, elasticity and firmness.* By supporting the protein structure, Keratin promotes skin firmness and elasticity.* Keratin is a protein that exists in many types of cells but is essential to the epithelial cells that make up the skin. As an intermediate filament, Keratin serves two essential purposes for the skin:

- Holding skin together to form a barrier and prevent skin cells from tearing apart
- 2. Forming the outermost layer of our skin that protects us from the environment

Because Keratin is an innately rich source of sulfur it supports the body's collagen and keeps complexions youthful and the hair glossy and smooth.* Sulfur has been called nature's "beauty mineral" because when you have enough sulfur in your body, your skin and hair are glowing and radiant.*





KERATIN FOR THE HAIR:

Clinically supports overall hair health and strength.* Over 90% of the dry weight of hair is comprised of proteins called keratins, which have a high disulfide content, from its amino acid cysteine. When the sulfur molecules from cysteine bond together they form very strong disulfide bridges and strengthen the hair.

Different parts of the hair have different cysteine levels, leading to harder or softer hair material and thus give some straight hair and others curly hair. When the hair is in stress, Keratin supplementation has clinically demonstrated its ability to support hair strength and overall hair health.*

KERATIN FOR THE NAILS:

Clinically promotes nail strength, elasticity and moisture.* Keratin naturally pushes upward from the base of the nail and hardens as keratinocytes promoting the length, strength and overall health of the nails.* Without this keratinization process nails would easily damage and break.

Keratins sulfur molecules from cysteine bond together to form very strong links called disulfide bonds. The more flexible and elastic keratins of hair will have fewer of these disulfide bonds than the keratins in fingernails. Nail strength is supported by the presence of keratin and the keratinization process.*





AT 500 mg PER DAY

This revolutionary patented process comprised of solubilized keratin provides the body with a more bioavailable keratin, which aids in clinically supporting and promoting radiant skin, hair and nails.*

PREMIER INGREDIENT OUALITY

Our ingredients are purchased solely for quality in terms of purity, potency and premier resonance capacity. They are sourced only from the finest qualified suppliers all over the world, including Europe, South America, India, China and many other countries. Because of our rigorous quality testing standards, we must reject the vast majority of materials.

Our sourcing team has traveled to many countries, ever in pursuit of the elusive pristine quality of nutritional ingredients.

For example, they have traveled to the central forests of India to find the best source of noni, to Italy to personally examine aloe plants and to South Africa to study tribal plants.

ADVANCED INGREDIENT TESTING

PRL conducts scientific laboratory testing of raw materials and finished products, as well state-of-the-art, proprietary bioenergetic testing of all ingredients. PRL has pioneered the use bioenergetic testing to ensure the customer consistently getting the best

quality worldwide. In addition, we use the most advanced lab equipment and test methods, such as HPLC (High Performance Liquid Chromatography), to assure the potency and reliability of every ingredient.













