

완전 콜라겐

ULTIMATE COLLA-GEN



THE ESSENTIALS ON COLLAGEN SUPPLEMENTS

(1) WHAT IS COLLAGEN?

Collagen occupies up to 30% of total protein in the body found in the skin, bone, joint, cartilage, blood vessels, tendons, and teeth.

As we age, around the age of 25, collagen levels start to drop, at about 1.5% every year. Rather alarmingly, by the age of 45, the collagen levels in your body will have reduced by up to 30%.

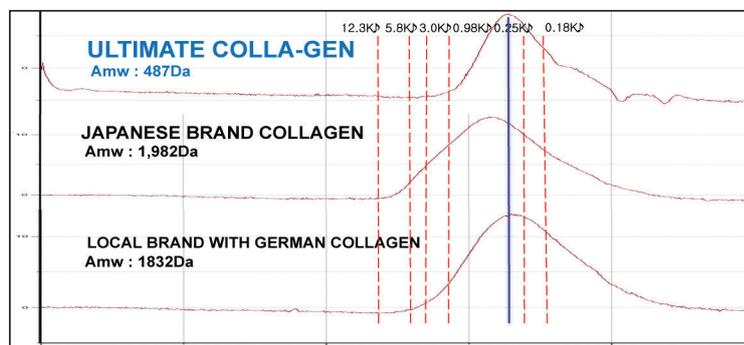
(2) NOT ALL COLLAGEN SUPPLEMENTS ARE CREATED EQUAL.

The quality and absorbability of Collagen supplements vary widely for several reasons. The Physician's Desk Reference (a highly respected medical guide for doctors) contains research that proved that only about 10-20% of the nutrients in vitamins supplements are absorbed into the human body. This means you may consume a lot of supplements but they may not be effectively absorbed into the body system.

The patented process (U.S Patent 4,804,745) of Collagen hydrolysis reduces collagen proteins into small peptides (Collagen Hydrolysate) to an average molecular weight between 2,000 and 5,000Da, which has been proven to be able to absorb by the body.

As shown in the charts below, Ultimate Colla-gen is laboratory tested in Korea against other commercial Japanese and German collagen in the market; Ultimate Colla-gen has one of the smallest molecule sizes in the market.

Collagen Average Molecular Weight Analysis (Feb 2012, Korea)



BRANDS	Over 3,000 Da	3,000-1,000 Da	1,000-250 Da	Below 250 Da
ULTIMATE COLLA-GEN	0%	0%	56.8%	43.2%
JAPANESE BRAND COLLA-GEN	4.7%	12.9%	70.1%	12.4%
LOCAL BRAND WITH GERMAN COLLA-GEN	1.6%	7.6%	70.3%	20.5%

Ultimate Colla-gen offers nano molecular collagen sized below 1000Da making it easy to be absorbed by the body.

(3) WHAT ABOUT COLLAGEN HYDROLYSIS - THE PROCESS OF BREAKING COLLAGEN DOWN?
Collagen molecular size can be small but the process of hydrolysis is as important.

Most commercial manufacturers opt to use the least expensive process of heat, HCl acid and other acids for Collagen hydrolysis. Through this process, the Collagen end product is small in molecular structure but the heat and acids may have already damaged the core integrity of the Collagen.

The best and most expensive method for hydrolyzing collagen is to use proteolytic enzymes. Without heat and acids, the biocompatible integrity of the finished molecules will be guaranteed.

Ultimate Colla-gen represents an unprecedented advance in Collagen Science presenting Collagen Hydrolysate, hydrolyzed using proteolytic enzymes in a GMP environment, producing Collagen molecules structure of below 1,000 Da.

(4) READ THE LABELS.

Independent studies have shown that some supplements actually contain little of the substance it is supposed to. Some supplements may contain a lot of fillers, flavours and other ingredients. It is important to look at supplements' labels that tell you how much of the supplement is in the sachet.

Each sachet of Ultimate Colla-gen has 5,000mg of pure nano sized premium Collagen Hydrolysate from fish origin together with 6 other nutrients packed in a 9500mg sachet. Each sachet is 90% nutrient packed.

(5) WHERE IS THE SUPPLEMENT FROM?

The quality of any supplement is as good as the source it is from. Ultimate Colla-gen is produced in a GMP environment (Good manufacturing practices).

As of June 2007, The U.S. Food and Drug Administration issued the final rule establishing regulations to require current good manufacturing practices for dietary supplements. Good manufacturing practices (GMPs) ensure that proper controls are in place for dietary supplements so that they are processed in a consistent quality manner.

The GMP requirements include quality provisions related to:

- The design and construction of physical plants that facilitate maintenance.
- Cleaning of plants.
- Proper manufacturing operations.
- Proper quality control procedures.
- Testing final product or incoming and inprocess materials.
- Handling consumer complaints, and
- Maintaining records.

(6) WHY IS ULTIMATE COLLA-GEN NOT IN LIQUID FORM?

Liquid Supplements are more convenient, and our body absorbs the nutrients more effectively as compared to pills.

However, it is difficult to dissolve a significant amount of nutrients in a small amount of liquid and maintain its bioavailability on shelf. Liquid Supplements has lower shelf life as compared to pills/ powder supplements. As time goes by, oxidation of vitamins and minerals will take place as a result of degradation of antioxidants, causing the liquid supplement to be useless. Moreover, liquid supplements are bulky and heavy and not convenient to carry around.

Thus, the best solution is to offer Collagen in powder packed in convenient, lightweight sachet form. When mixed with water, it becomes a liquid Collagen solution.

- (7) WHY IS THERE ONLY 5,000mg OF COLLA-GEN IN EACH SACHET OF ULTIMATE COLLA-GEN? Although there is no consensus in clinical research on daily collagen consumption, an overall figure of 5-10g (5,000-10,000mg) daily is recommended for a period of 3 months to see/feel any results in joint/bone/skin health.

Professor Martin Wiseman, medical and scientific adviser for the World Cancer Research Fund(WCRF), said, "While low dose supplements can be a 'valuable safety net', high doses could be harmful."

As such, megadoses of any supplement is not recommended and often not utilized by the body.

(8) ABOUT ULTIMATE COLLA-GEN

Ultimate Colla-gen is formulated with 5,000mg of nano sized pure premium Korean Collagen Hydrolysate derived from fish origin and available in 2 formulations:

Ultimate Colla-gen Plus and Ultimate Colla-gen Gold

Halal certified and 38kcal per sachet

ULTIMATE COLLAGEN - Plus

Nurtures skin, hair and nails

5,000mg of pure nano sized premium Collagen Hydrolysate with:

- Unique Freeze dried Acai berry extract from the Amazon forest locks in a large mix of antioxidants like anthocyanidins, vitamins and minerals which benefits the skin and heart.
- Ultimate Colla-gen uses fruit extract; blueberries are a great source of anthocyanidins. Anthocyanidins are required for the maintenance of collagen.
- Hyaluronic acid is a gelatinous compound that is found in many parts of the body including brain and eye tissue, joints and skin and helps boost moisture level, lubricates and comforts joints.
- Vitamin C and Silica is essential for the manufacture of collagen and synthesis of collagen protein within the body.
- Probiotics are added for a healthy digestive system.

NUTRITION INFORMATION	PER sachet
Calorie	37.24 kcal
Carbohydrate	3.52 g
Protein	5.23 g
Fat	0.29 g
Sodium	2.85g

ULTIMATE COLLAGEN - Gold

Nurtures joint, bones and skin

5,000mg of pure nano sized premium Collagen Hydrolysate with:

- Chondroitin aids in preventing cartilage degeneration.
- Glucosamine aids the cartilage structures around the joints.
- Methy Sulfonyl Methane (MSM) helps in the formation of keratin, collagen and elastin.
- Ultimate Colla-gen uses fruit extract; blueberries are great source of anthocyanidins. Anthocyanidins are required for the maintenance of collagen.
- Vitamin C and Silica is essential for the manufacture of collagen and synthesis of collagen protein within the body.

Ultimate Colla-gen Plus & Gold are sweetened with Xylitol.

NUTRITION INFORMATION	PER sachet
Calorie	37.24 kcal
Carbohydrate	3.52 g
Protein	5.23 g
Fat	0.29 g
Sodium	2.85g

Ultimate Colla-gen represents the next generation in Collagen supplement, offering the synergistic benefits of 7 BioActive, BioDiversified, Balanced blend of Nano-sized multi-nutrient in one holistic dietary supplement pack.

Dietary Supplement, recommended Daily Intake

Empty one sachet of Ultimate Colla-gen into a glass of cool water or juice, mix well and drink.

Other information

- For people taking medication, it is preferable to leave a 2-hour period between Ultimate Colla-gen and any medication.
- If you are pregnant or breastfeeding, please seek medical advice before taking Ultimate Colla-gen.
- Store content in a dry and cool place away from direct sunlight / heat.
- Keep out of reach of children.
- To deliver the highest quality, all Ultimate Collagen products are tested for heavy metals. No preservatives. No trace metals. No sugar. No empty promises

Ultimate Colla-gen is developed and blended in Korea according to stringent Korean good manufacturing practices (GMP) regulations for health supplements.

The American Food and Drug Administration (FDA), The German Institute for Drugs and Medicinal Products, The Consumer Protection Ministry and The World Health Organization (WHO) have all confirmed the safety of collagen hydrolysate.

Ultimate Collagen is a quality product of



The above information is not intended to replace the advice of a qualified Healthcare Professional.

Please consult a health professional such as a physician, registered dietitian or pharmacist for more information on any supplements.

