



A leading Gelatin & Collagen
Manufacturer in Korea

COLLAGEN

COLLAGEN PEPTIDE

For Healthy Skin, Bone, Joint and Hair



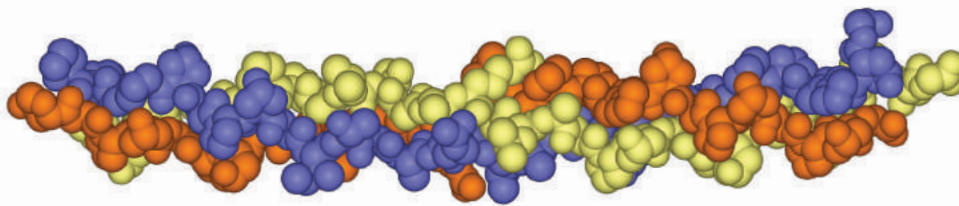
HISTORY

- 1998. 07 Company Establishment
- 1999. 11 Mechanical completion
- 2000. 06 ISO 9001 certified by SGS
- 2001. 07 HACCP certified by SGS
- 2001. 11 Granted COS (Certificate Of Suitability) by E.D.Q.M
(European Directorate for the Quality of Medicines)
- 2003. 03 Started production of Collagen Peptide
- 2003. 11 Started production of Fish Gelatin
- 2004. 03 Audited by U.S. FDA in accordance with 21 CFR/110(cGMP)
- 2005. 09 Audit by Catalent
- 2006. 11 Registration of patent "Process for preparing sterilized
pure water - Soluble collagen peptide"
(Registration No. 1006470330000)
- 2010. 11 Certified by MOH from Islamic Republic of Iran

COLLAGEN PEPTIDE

WHAT IS COLLAGEN?

Collagen is the major structural protein constituent of skin, tendon, cartilage, bone and connective tissues in the mammalia representing about 30% of animal protein. In the fishes and birds it plays similar role. In addition to its important role as structural protein collagen is the basic raw material of gelatin and collagen (collagen peptide). Collagen is made up of three polypeptide chains each coiled in a three fold left handed helix with 3 residues per turn as below: The average molecular weight of collagen tissue is around 300,000.



WHAT IS COLLAGEN PEPTIDE?

Collagen peptide is also called collagen hydrolysate or hydrolysed gelatin and manufactured by the further hydrolysis of gelatin by the enzymes. Its molecular weight is reduced to less than 5,000 from over 50,000 of gelatin. Because of its low molecular weight it is easily absorbed and digested in the human body.



Collagen peptide or Collagen hydrolysate is composed of 20 amino acids. Out of 20 amino acids glycine, proline and hydroxyproline represent more than 50% of total amino acids which is very unique and much higher than in other protein.

BENEFITS OF COLLAGEN PEPTIDE

It has been proven by numerous clinical tests that absorption of collagen peptide by human body great assistance in :

- Improve skin moisture level
- Improve elasticity and suppleness of skin
- Strong and fast growing nails
- Thicker and strong hair

Also there is a report that absorption of collagen peptide before bed assists weight control as the active metabolism involved during sleeping.

10grams absorption per day shall give you healthy life.

As the native collagen is regarded not digestible due to helix three polypeptide chains and its high molecular weight, collagen peptide is the only sources for collagen. Collagen peptide is highly digestible by the human body.

BOVINE COLLAGEN

Geltech's bovine collagen is produced by further hydrolysis of the bovine gelatin produced at state-of-the-art facilities in the Geltech factory which is approved by U.S. FDA in accordance with 21 CFR/110(cGMP for food) and C.O.S (Certificate Of Suitability) granted by the EDQM(European Directorate for the Quality of Medicines) located in Busan, Korea.

■ SUPERIORITY OF GELTECH BOVINE COLLAGEN

- Free from unpleasant odor and disagreeable taste through the de-odorizing process such as activated carbon filtering and deaeration system
- Low molecular weight (ca 2000) product makes easy to be digested by the human body
- Dust free and agglomerated particles make easy dissolving in the water and/or beverage
- Consistent quality supply through the strict quality control by computerized process

■ BENEFITS OF BOVINE COLLAGEN

- Moisturized and healthy skin
- Strong and fast growing nail
- Thicker and strong hair

■ **RECOMMENDED DOSAGE** : 10grams/day

■ SPECIFICATION

GRADE	PARTICLE FORM	BULK DENSITY	ODOR	PROTEIN	VISCOSITY	PH	MOISTURE	M.W.
HCP-R	Regular	0.36~0.42	No unpleasant odor	≥90%	10~30mps	5.0~6.5	≤10%	≤3,000
HCP-G	Granule	0.35~0.45						





FISH COLLAGEN

Geltech's fish collagen is produced by further hydrolysis of the best quality of fish gelatin produced by fish scales and/or skins in Geltech Busan factory. Only the best quality fish gelatin is used to ensure the best quality fish collagen to meet customer's quality requirements.

■ SUPERIORITY OF GELTECH FISH COLLAGEN

- Free from unpleasant fish odor and disagreeable taste through the de-odorizing process such as activated carbon filtering and deaeration system
- Very light in color
- Low molecular weight (ca 2000) product makes easy to be digested by the human body
- Dust free and agglomerated particles make easy dissolving in the water and/or beverage
- Consistent quality supply through the strict quality control by computerized process

■ BENEFITS OF FISH COLLAGEN

- Moisturized and healthy skin
- Strong and fast growing nail
- Thicker and strong hair

■ **RECOMMENDED DOSAGE** : 10grams/day

■ SPECIFICATION



GRADE	PARTICLE FORM	BULK DENSITY	ODOR	PROTEIN	VISCOSITY	PH	MOISTURE	M.W.
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