

- Food
- Food Additive
- Cosmetic
- Quasi-drug

Upcycling

Technical
Data

『 Various Types of Type I Collagen for Food 』

Food Grade Collagen Peptide

There are many types of collagen depending on the combination of polypeptide chains. Type I collagen accounts for 90% of the collagen in human skin and is responsible for skin elasticity and firmness.

Expected Function

- ◎ Beautiful skin effect
- ◎ Improving skin hydration
- ◎ Maintenance of cell environment
- ◎ Gastrointestinal mucosal protection

Overview

Uses

- ◎ Supplements, drinks and processed foods for beauty

Display Name Example

- ◎ Hydrolyzed collagen,
Salmon collagen peptide, etc.

	Place of Origin	Material	Property	Allergen	Note
①	Hokkaido	Salmon skin	Fine powder	Gelatin, Salmon	Production volume decreased due to poor salmon catches
②	Hokkaido	Ray skin	Fine powder	Gelatin	Manufacturing capacity is small
③	Alaska	Cod skin	Fine powder	Gelatin	
④	Alaska	Cod skin	Fine powder	Gelatin	Enhanced filtration process provides clear color and reduces odor
⑤	Chile	Salmon skin	Fine powder	Gelatin, Salmon	
⑥	Overseas	Seawater fish scale	Fine powder	Gelatin	
⑦	Overseas	Tilapia scale	Fine powder	Gelatin	
⑧	Overseas	Fish skin · scale	Fine powder	Gelatin	
⑨	Japan	Pig skin	Fine powder	Gelatin, Pork	Production volume decreased due to low raw material supply
⑩	Japan	Pig skin	Fine powder	Gelatin, Pork	By using only the first extracted collagen, the color tone is beautiful and the odor is reduced
⑪	Japan	Pig skin	Granule	Gelatin, Pork	By using only the first extracted collagen, the color tone is beautiful and the odor is reduced
⑫	Overseas	Pig skin	Fine powder	Gelatin, Pork	

Quality Standard Composition

	①	②	③~⑫
pH	5.5~7.5	5.5~7.0	5.5~7.5
Moisture	Less than 10%	Less than 10%	Less than 10%
Crude Protein	Over 90%	—	Over 90%
Ash	Less than 2.0%	—	Less than 2.0%
Heavy metal	Less than 20ppm	Less than 10ppm	Less than 20ppm
Arsenic	Less than 1.0ppm	—	Less than 1.0ppm
Viable count of bacteria	Less than 3,000 pcs/g	Less than 3,000 pcs/g	Less than 1,000 pcs/g
Coliforms	Negative	Negative	Negative

Other

	①	②	③~⑫
Quantity	10kg	10kg	10kg
Shelf life	3 years from the production date	2 years from the production date	3 years from the production date
Storage condition	Keep in cool dry place, and avoid direct sunlight.		

Company Information

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