

Specification code **FCP/3/OP/E**Date **25/07/2025**

Product description

Description Fish Collagen Peptide (also called Hydrolysed Fish Gelatine or simply Collagen Peptide) is obtained by the hidrolisis of fish skin gelatine. It is a pure, natural ingredient containing more than 94% of protein (on dry weight basis) and contains 18 amino acids, 7 of which are essential.

Appearance Powder or granulated

Others specs

Storage Store in original package away from heat and humidity at room temperature.

Packaging 15 kg bags

Microbiological analysis

Total aerobic count	< 1000 cfu/g
E. coli	Neg/10g
Salmonella	Neg/25g
Yeast & Moulds	< 100 cfu/g
Sulphite reducing anaerobic spores	< 10 cfu/g

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Physical chemical analysis

Protein content (on dry matter)	>94 %
Average Molecular Weight	1000 - 3000 Da
Viscosity 10%	2.00 +/- 0.50 mPa.s
Viscosity 20%	2.00 +/- 0.50 mPa.s
pH	5.00 – 6.50
Turbidity	<50 FTU
Loss on drying	<8.00 % ; <10.00 %
Sulfites (SO2)	<10 ppm
Peroxides (H2O2)	<10 ppm
Ash	<2.00 %
Arsenic	<1 ppm
Lead	<5 ppm
Cadmium	<0.5 ppm
Mercury	<0.15 ppm
Chromium	<10 ppm
Copper	<30 ppm
Zinc	<30 ppm

Amino-acid contained of collagen peptide

AMINO ACID	QTY (g per 100g of the product)
Alanine	5,48
Arginine	13,47
Aspartic Acid	3,4
Glutamic Acid	7,64
Glycine	13,6
Histidine	1,11
Hydroxyproline	10,78
Isoleucine	1,51
Leucine	3,19
Lisine	4,03
Hydroxylisine	0,86
Methionine	1,86
Phenylalanine	2,73
Proline	13,72
Serine	2,92
Threonine	2,65
Tyrosine	0,8
Valine	2,25

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