

PrimeFC™1000

Fish Collagen Peptide Specification

PRODUCT DESCRIPTION

This product is an enzymatically-produced collagen peptide from single source of *Pangasi hypophthalmus* fish skin. It can be used as a protein source in food, nutritional supplements and personal care products.

Test	Specification	Test Method
Appearance	White fine powder	Visual
Solubility	Soluble in cold water	Visual
Transparency (10% solution)	≤ 20 NTU	TCVN 6184:2008
pH value of 1% solution	5.0 – 7.0	USP
Average Molecular Weight	< 1000 Da	Inhouse
Moisture content	≤ 8%	USP
Total ash content (Residue on ignition)	≤ 2 %	AOAC
Protein content	≥ 90%	FAO
SO ₂ *	≤ 50 ppm	AOAC
H ₂ O ₂ *	≤ 10 ppm	AOAC
Pb*	≤ 1.0 ppm	AOAC
As*	≤ 1.0 ppm	AOAC
Cd*	≤ 0.05 ppm	AOAC
Hg*	≤ 0.15 ppm	EPA 7473
Cr*	≤ 10 ppm	BSEN14082:2003
Cu*	≤ 30 ppm	AOAC
Fe*	≤ 30 ppm	AOAC
Zn*	≤ 30 ppm	AOAC
Total Plate Count	≤ 1000 cfu/g	USP
Total yeast and mould	< 100 cfu/g	ISO 21527-2:2008
<i>Escherichia coli</i>	Not detected/10g	USP
<i>Staphylococcus aureus</i>	Not detected/g	USP
<i>Coliforms</i>	Not detected/10g	ISO 4831:2006
<i>Salmonella</i>	Negative/25g	USP

* Performed on routine level, as per quality control plan

PACKAGING 10kg; Kraft paper bag with PET inner

STORAGE Store at cool and dry place, keep out of direct sunlight and high moisture.

SHELF LIFE 3 years from production date when stored properly.