



Collagen Peptide- Milkfish Scales

Collagen is a natural and healthy ingredient that has been used in many countries. Collagen peptides contain the same amino acids found in skin, bones, cartilage and joints.

Our **Collagen Peptide** is extracted from fish scales of the milkfish by a delicate process known as enzyme hydrolysis causing it to be tasteless and odorless. The material can easily be made into a supplement, functional food and/or beverage for skin care, joint care or bone support.

Hydroxyproline (Hyp) can only be found in collagen, but not in regular whey/soy protein. We test Hyp content to guarantee the quality of the collagen in each batch.

BENEFITS

- No smell & no taste
- Fast (cold water soluble)
- Pure (No additives)
- Tested for 46 veterinarian drugs, antibiotics, allergens, dioxin & PCB
- Easy to mix

FEATURES

- Skin, joint & bone support
- Increases elasticity and firmness of skin
- Blood vessel elasticity

	Milk Fish Scale Collagen Peptide	Other Collagen
Source	Cultivated Clean Water Fish Scale	Swine / Bovine / Ocean Fish Skin
Hyp	Test for every batch	-
Molecular Weight	Low	High
Process	Enzyme Hydrolysis	Acid Hydrolysis
Taste	Tasteless	Strong Taste / Fishy Taste
Odor	Odorless	Strong Odor / Fishy Odor
Solubility	Fast (Cold Water Soluble)	Slow
Formulation	Easy	Needs Masking Agent

Request a sample or learn more about **Collagen Peptide** at: customerservice@orcasnaturals.com.



**SPECIFICATION
COLLAGEN PEPTIDE 90%**

Latin Name:	<i>Chanos chanos</i>	Product Code: CCP-090E
Country of Origin:	Taiwan	
Animal Part Used:	Fish scale	
Harvest Type:	Cultivated	

DESCRIPTION	SPECIFICATION	TEST METHOD
<u>Physical Properties</u>		
Identification	Pass	FTIR
Color	Off white	Visual
Appearance	Powder	Visual
Odor	Characteristic	Organoleptic
Flavor	Characteristic	Organoleptic
<u>Analytical Assay</u>		
Solubility	Freely Soluble	IP
Loss on Drying	NMT 10%	Infrared
Excipients	None	In House Specification
Carriers	None	In House Specification
<u>Trace Metals</u>		
Heavy Metals	NMT 10 ppm	ICP-MS
Lead	NMT 0.05 ppm	ICP-MS
Arsenic	NMT 1 ppm	ICP-MS
Mercury	NMT 1 ppm	ICP-MS
Cadmium	NMT 1 ppm	ICP-MS
<u>Microbial Assay</u>		
Total Plate Count	NMT 10,000 cfu/g	AOAC
Yeast & Mold	NMT 100 cfu/g	AOAC
Salmonella	Absent	AOAC
Coliforms	Absent	AOAC
E. Coli	Absent	AOAC
Staphylococcus aureus	Absent	AOAC
<u>Assay for Actives</u>		
Crude Protein	NLT 90%	Kjeldahl method
Hydroxyproline	NLT 6%	HPLC

Storage: Store in a cool, dry place away from direct sunlight.

Shelf Life: Retest 2 years from date of manufacturing.

GMO Free, BSE Free

Material is NON-ETO, NON-Irradiated

Quality Assurance By: *ML* 4/29/15