- Fish Scales and Skin
- Fish Ossein
- Fish Collagen Peptide
- Calcium Phosphate
- Hydroxyapatite (HAp)
- Chitosan

Nizona Marine Products Pvt. Ltd.

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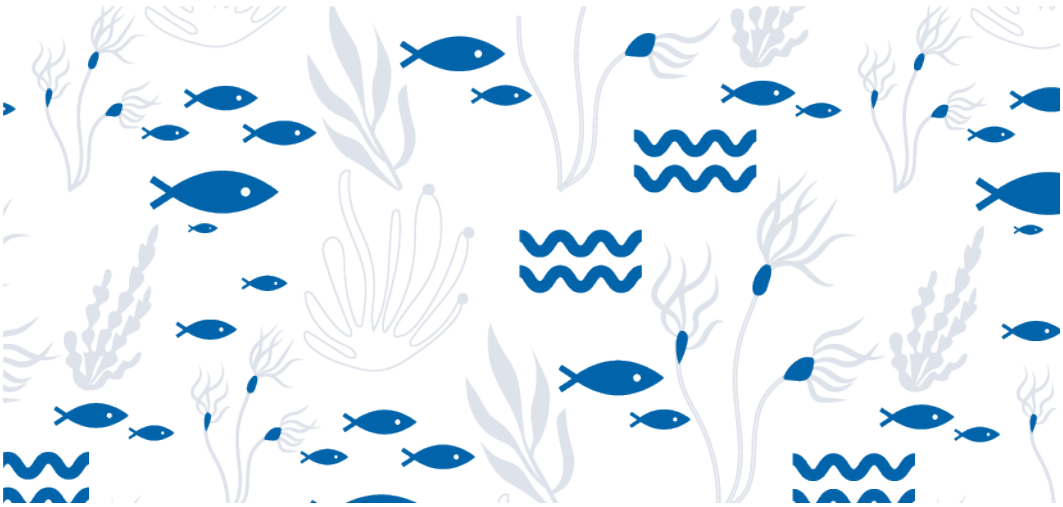
Collagen For The World

When Nizona's journey began in Japan, the founders had a one-point mission – 'Collagen for the World'.

Nizona Marine Products (NMP) is the Indian affiliated company of Nizona Corporation, Japan. NMP is the result of the backward integration of Nizona Japan's extensive history and experience in making Made in Japan collagen-based drinks, jelly-sticks, tablets, etc.



The Journey

What Does Nizona Marine Products (NMP) Do?

NMP, since its inception, has been offering dried fish scales as raw material to collagen peptide producers globally and also specializes in production of Ossein and Collagen peptide due to it's ability to source collagen raw materials abundantly.

NMP creates 'Best out of Waste' by up-cycling tons of fish scales and skin, which other-wise were a concern for fish processing industries. Collagen peptide derived from scales and skin of fish has a better bioavailability. Marine collagen doesn't pose any health scares like bird flu, foot and mouth disease.

Dry Fish Scales

Fish Scales And Skin For Collagen

Dry Fish Scales (DFS) are sourced from deep sea, shallow sea and freshwater. They are thoroughly washed, sun or machine dried without chemicals and carefully monitored for moisture before packing. DFS are mainly used for ossein or collagen peptide production. We supply scales from the following sources:

Deep Sea, Wild Caught Fish
Pink Perch (Nemipterus Japonicus), Croaker (Johnius SPP), Emperor (Lethrinidae SPP), Red Snapper (Lutjanus SPP), Lizard fish (Saurida tumbil) and more.

Fresh Water Fish
Rohu (Labeo Rohita), Catla (Labeo Catla) and other carp fish scales.

Frozen Fish Skin

Frozen fish skin, mainly sourced from fillet processing and surimi industries, comes from deep sea, shallow sea and freshwater (aquaculture). It is washed with mild sodium hypochlorite and frozen in blocks for collagen peptide extraction. We supply frozen skin from the following sources:

Fresh Water Fish
Basa (Pangasius Bocourti), Tilapia.

Fish Ossein

OSSEIN - A Pre-Cursor To Collagen

Ossein is produced by demineralizing dried fish scales (decalcification) to prepare them for collagen peptide extraction.

Ossein, nearly 100% protein after moisture removal, is derived by demineralizing fish scales. It is gaining popularity as an alternative to fish skin for marine collagen production.

Specifications

We offer two types of fish scale ossein:

1. Freshwater Ossein (FOS)
   – from Rohu, Catla, Carp

2. Deep Sea Ossein (DOS)
   – from Pink Perch, Croaker, Lizard

We supply Ossein which is almost neutral pH (6–7), high nitrogen, low moisture, and minimal ash content- ideal for high collagen yield. Ossein produced by treating scales with hydrochloric or acetic acid and can be further processed into gelatin or collagen.

Collagen

A Superfood

IKIGEN™

After water; Collagen is the most vital ingredient for human body.

IKIGEN- SOURCE OF LIFE in Japanese, is the brand of Nizona Marine products for bulk collagen manufactured under ISO, GMP, HACCP, EU, FSSAI and HALAL certifications in India.

IKIGEN Collagen is an all-natural collagen peptide extracted from deep sea and freshwater fish scales and skin. Our Collagen is sourced from a sustainable and traceable supply chain.

IKIGEN Collagen Peptide

(Sourced From Nature, Born in the Sea)

Ikigen is an extremely versatile collagen peptide suitable for industrial utilization as an ingredient for the manufacturing of drinks, tablets, capsules and flavored premixes, etc.

Specifications

Source	Collagen is derived from scales of aquaculture and inland fish
Description	Powdered Fish Collagen
Total Protein	More than 90%
pH	5.5 to 7.5
Moisture	NMT 10%
Ash	NMT 1%
Clarity	Off-white to cream
Shelf Life	4 years

Benefits

Collagen Peptide for Health and Wellness

Collagen is one of the most important constituents in our body and everyone can benefit from it. Marine collagen supports overall health and Ikigen collagen peptide offers premium nutrients for youthful vitality and healthy aging.

Collagen for Beauty

Collagen supports anti-aging, diminishing wrinkles, reducing dark spots and tightening skin. Collagen also facilitates skin re-generation, helps skin health and youthful tone. Collagen also boosts activity of white blood cells localized within the skin. It reduces flecks, wrinkles and sags giving a glowing soft skin.

Collagen in Food and Beverages

Fortifying widely consumed foods like bread, milk, coffee, and baked goods with collagen is an effective way to offer protein-rich options. Research shows growing consumer interest in protein-enriched diets.

Calcium Phosphate

A Mineral Rich Supplement

We deliver a naturally sourced, bioavailable Calcium Phosphate (DCP) that meets stringent quality standards and supports applications across animal nutrition, fertilizers and specialty feed premixes.

DCP is a mineral and member of the Calcium Phosphate family. DCP is a white powder salt and has no smell. It has the maximum bioavailability to keep the animals healthy. DCP (Feed Grade) is the best source of bioavailable Calcium and Phosphorus supplements for cattle, poultry, aqua, swine feed and livestock.

Specifications

Calcium (Ca as CaO)	≥21.0%
Phosphorus (P as P_2O_5)	≥18.0%
Crude Protein	5.5-8.5%
Ca:P Molar Ratio	≈1.5 : 1
Moisture Content	≤1.0%
pH (10% Acqueous Slurry)	6.5–7.5
Total Ash	≤1.5%
Packaging Size	50 Kg
Form	Powder
Grade Standard	Feed Grade (Animal)
Country of Origin	Made in India

Applications

Animal Nutrition and Pet Food:

Calcium and phosphorus fortification in poultry, swine, aquaculture and companion-animal diets.

Feed Premixes:

Key mineral component in mineral-vitamin premixes for livestock and aqua-feed.

Fertilizers and Soil Amendment:

Phosphate source for specialty fertilizer blends, promoting root development and crop yield.

Hydroxyapatite (HAp)

Hydroxyapatite (HAp) is a calcium phosphate mineral and a natural form of calcium apatite. It is the main component of human teeth and bones, known for its excellent biocompatibility. It is widely used in dental care, bone grafts, implants, and tissue engineering, etc.

Applications

Dental Care

Tooth Paste

Bone Implants

Chitosan

The Versatile Bioingredient

Powder Form

Semi Ground Form

Chitosan is derived from chitin. It is made by treating (deacetylating) the chitin shells of shrimp with an alkaline substance. It is a biodegradable regular polymer with numerous benefits like non-harmfulness, biosimilarity and biodegradability.

The amino group in chitosan leads to significant protonation in neutral solution, increasing with acidity (decreased pH) and the DA value. This makes chitosan water-soluble and a bioadhesive which readily binds to negatively charged surfaces.

It can be applied in numerous fields, especially in medicine. As a delivery carrier, it has great potential and couldn't compare up to different polymers. Due to their stability and biocompatibility the nanoparticles produced from chitosan derivatives can be used in the water treatment, food coating, cosmetics, bioplastics, etc.

Specifications

Origin	Shrimp
Appearance	Off-White
Form	Flakes/ Powder/ Semi Ground
Ash	Less than 2%
Moisture	Less than 10%
pH	Between 6-8
Degree of Deacetylation	75% to 90% DA
Viscosity	10-100cps and ≥ 100cps
Shelf Life	2 years
Packaging	10 kgs and 25 kgs HDPE sacks with Polyethylene Lining

Applications

Wastewater Management: Chitosan acts as a natural flocculant, effectively removing heavy metals, dyes and other pollutants from industrial and municipal wastewater.

Food Coating: Used as an edible film or coating, chitosan helps preserve food by preventing microbial growth, reducing moisture loss and extending shelf life.

Cosmetics: In cosmetic formulations, chitosan provides moisturizing, film-forming and antimicrobial benefits and is used in creams, lotions, shampoos and facial masks.

Bioplastics: Chitosan serves as a sustainable and biodegradable alternative to conventional plastics in packaging and agricultural applications.

Biomedical: Chitosan is used in drug delivery systems, wound healing products, and tissue engineering due to its biocompatibility, biodegradability and antimicrobial properties.

Nizona Marine Products is registered with the Marine Products Export Development Authority of India (MPEDA) and can provide all the necessary documents for regulatory purpose.

NIZONA MARINE PRODUCTS PVT. LTD.

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