

Undenatured Collagen Type II

TECHNICAL DATA SHEET

Native type II collagen powder derived from chicken sternum cartilage for ingredient use in nutrition formulations.

Source	Chicken sternum cartilage
Physical form	Off-white powder

Product Information

Undenatured Collagen Type II is derived from chicken sternum cartilage. It retains the native type II collagen structure and is supplied as an off-white powder with a slightly salty taste and characteristic odor.

The specification lists protein, mucopolysaccharide, fat, moisture, ash, pH, metals and microbiological sampling criteria. Packaging is 25 kg per drum, with a stated shelf life of three years. The material is intended for incorporation into suitable nutrition formulations.

Specifications

Parameter	Specification
Taste and odor	Slightly salty; characteristic odor
Moisture	≤10%
Ash	≤8%
Mucopolysaccharide	≥26%
Protein	≥60%
Fat	≤6%
pH	5–7
Lead	≤0.9 ppm
Cadmium	≤0.1 ppm
Arsenic	≤1 ppm
Chromium	≤2 ppm
Mercury	≤0.1 ppm
Total plate count	n=5, c=2, m=10 ⁴ , M=10 ⁵
Coliforms	n=5, c=2, m=10, M=100

Typical values. The COA of each batch prevails.

Typical Properties & Commercial Information

HS code	3504.00
MOQ	500 kg
Packing	25 kg/drum
Lead time	Approximately 14 days
Free sample	500 g
Incoterms	FOB / CFR / CIF
Supply	5,000 MT/year

Free sample: up to 500 g. Courier cost payable or use your courier account.

Applications

Nutrition ingredient formulations: Undenatured Collagen Type II can be evaluated as a chicken cartilage ingredient in suitable nutrition formulations.

Ingredient source selection: Chicken cartilage provides a distinct source within the animal protein range.

Bulk nutrition manufacturing: ZXCHEM supplies undenatured collagen type ii for commercial ingredient sourcing.

Packaging & Storage

Packaging	25 kg/drum
Storage	Store at room temperature in a clean, dry, ventilated place, protected from sunlight and moisture.
Shelf life	3 years in unopened original packaging.

Certifications & Documents

ISO 9001 · ISO 22000 · HACCP · KOSHER · FSSC 22000 · GMP · HALAL

Batch COA, technical data sheet and safety data sheet.

Company Contact

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The agreed purchase specification and the COA of each batch govern supply.