

PRODUCT SPECIFICATION

Collagen TuriColl™

ID Number: 8100008

Issue Date and Number: 16.03.2026/v.2

Trade Name:	TuriColl™ LMP Hydrolyzed Collagen
Ingredients:	Turkey collagen hydrolysate
Raw Material Origin:	Turkey collagen protein
INCI Name:	Hydrolyzed collagen
Product Form:	Powder with a creamy-amber color, with a characteristic, neutral aroma and taste.

PRODUCT DESCRIPTION

TuriColl™ LMP is a collagen hydrolysate with **low molecular weight** peptides (average 2 kDa), obtained by controlled hydrolysis of raw materials of turkey origin.

PHYSICOCHEMICAL AND MICROBIOLOGICAL PARAMETERS

Parameter	Value	Method
Protein content	≥ 90 %	Kjeldahl
Hyaluronic acid*	≤ 20 mg/g	GPC/SEC
Chondroitin sulfate*	≤ 70 mg/g	HPLC-DAD(UV)
Glucosamine sulfate*	≤ 75 mg/g	HPLC-RI
Total tryptophan	≤ 0,4 g/100 g of protein	LC-MS/MS
pH	4,5 – 7,5	Potentiometric
Solubility	highly soluble in water	Internal
Dry matter	≥ 93 %	Gravimetric
Arsenic (As)	< 1 ppm	EN 15763:2010
Lead (Pb)	< 5 ppm	EN 15763:2010
Cadmium (Cd)	< 0,5 ppm	EN 15763:2010
Mercury (Hg)	< 0,15 ppm	EN 15763:2010
Chromium (Cr)	< 10 ppm	EN 15763:2010
Copper (Cu)	< 30 ppm	EN 17851:2024-1
Zinc (Zn)	< 50 ppm	EN 17851:2024-1
Aerobic mesophilic microorganisms	≤ 1x10 ³ jtk/g	ISO 21149
Yeasts and molds		ISO 16212
<i>Staphylococcus aureus</i>	not detected 1 g	ISO 22718
<i>Escherichia coli</i>	not detected 1 g	ISO 21150
<i>Pseudomonas aeruginosa</i>	not detected 1 g	ISO 22717
<i>Candida albicans</i>	not detected 1 g	ISO 18416
<i>Salmonella spp.</i>	not detected 25 g	ISO 6579

SHELF LIFE AND STORAGE CONDITIONS

24 months from the production date, provided it is stored in the original, unopened packaging, in a cool, dry, and well-ventilated place. Optimal storage temperature: 15–25°C (short-term fluctuations between a minimum of 10°C and a maximum of 30°C are acceptable), maximum humidity 65%. Protect from moisture, light, and sources of heat.

PRODUCT APPLICATION

TuriColl™ LMP is intended for further processing as a component used in food supplements, functional foods, cosmetics, and personal care products, as well as in veterinary applications and pet food. Collagen suitable for human consumption.

CERTIFICATES: BRCGS Food, IFS Food, IFS Logistics and Halal.

* in percentage of protein