

PRODUCT SPECIFICATION

Keratin TuriKer®

ID Number: 8100000

Issue Date and Number: 29.01.2026/v.2

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|-----------------------------|---|
| Trade Name: | TuriKer® MMP keratin hydrolysate |
| Ingredients: | Turkey keratin hydrolysate |
| Raw Material Origin: | Turkey keratin protein |
| CAS number | 69430-36-0 |
| INCI Name: | Hydrolyzed Keratin |
| Product Form: | Powder with a creamy-amber color, with a characteristic, neutral aroma and taste. |

PRODUCT DESCRIPTION

TuriKer® MMP is a keratin hydrolysate with **medium molecular weight** peptides (> 3 kDa), obtained through controlled hydrolysis of turkey-derived raw materials.

PHYSICOCHEMICAL AND MICROBIOLOGICAL PARAMETERS

| Parameter | Value | Method |
|-----------------------------------|---------------------------|-----------------|
| Protein content | ≥ 69 % | Kjeldahl |
| pH | 6,5 – 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 |
| Mercury (Hg) | < 0,15 ppm | EN 15763:2010 |
| Copper (Cu) | < 30 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

TuriKer® MMP is intended for further commercialization as a component used in the cosmetics industry, in personal care products, as well as in nutritional preparations and detergents, e.g., in fabric care agents.

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