

## PRODUCT SPECIFICATION

### Keratin TuriKer®

ID Number: 8100004

Issue Date and Number: 24.04.2026/v.3

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

### PRODUCT DESCRIPTION

**TuriKer® NSP** is a keratin hydrolysate with **full spectrum molecular weight** of polypeptides, peptides, and amino acids (not separated), 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 <sup>3</sup> jtk/g	ISO 21149
Yeasts and molds	≤ 1x10 <sup>3</sup> jtk/g	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 & TRANSPORT CONDITIONS

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

### PRODUCT APPLICATION

**TuriKer® NSP** 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.