

Product Data

VERISOL® B Art.-No: 217035

Description: Highly purified bioactive collagen peptides from bovine skin, which are specifically neutral in taste and odour. The average molecular weight is approx. 2,000 g/mol. **VERISOL® B** is clinically proven to stimulate collagen, proteoglycan and elastin synthesis in human fibroblasts (skin cells). Supplementation of **VERISOL® B** counteracts skin aging and improves the visual skin appearance.
Bioactivity is monitored according to GELITA's monitoring plan, assured by our Quality System.

Appearance: Light coloured, agglomerated powder with a bulk density about 300 g/L.

Solubility: Excellent soluble in cold and warm water and liquids.

VERISOL® B is pure collagen protein with an extremely low mineral content and is free of fat, cholesterol, carbohydrates, and dietary fibres. The product is in compliance with regulation (EC) No. 852/2004 on the hygiene of foodstuffs and with regulation (EC) No. 853/2004, laying down specific hygiene rules for food of animal origin. According to regulation (EC) No. 1829/2003 and regulation (EC) No. 1830/2003 the product has not to be labelled as "GMO".

Chemical and Physical Data	Limits	Test Method
Protein content	91.00– 95.00 %	Kjeldahl (N x 5.55)
Protein content of dry substance	≥ 97 %	GELITA
Dry substance (105 °C, 16 h)	90.0 – 96.0 %	GME
Ash (550 °C)	≤ 1.5 %	USP/GME
pH (10 %, room temperature)	5.5 - 6.5	Potentiometer
Viscosity (10 %, 25 °C)	1.10 – 2.00 mPa·s	GELITA method
Peroxides	≤ 10 mg/kg	Ph. Eur./GME
Sulphur dioxide*	≤ 10 mg/kg	Ph. Eur./GME
Arsenic*	≤ 0.7 mg/kg	ICP-OES
Cadmium*	≤ 0.10 mg/kg	ICP-OES
Chromium	≤ 1.0 mg/kg	ICP-OES
Copper*	≤ 2.0 mg/kg	ICP-OES
Mercury*	≤ 0.02 mg/kg	AAS
Lead*	≤ 0.5 mg/kg	ICP-OES
Zinc*	≤ 10.0 mg/kg	ICP-OES
Microbiological Data	Limits	Test Method
Total aerob. microb. count	< 1000 cfu/g	Ph. Eur./USP
Total yeast & mould count	< 100 cfu/g	Ph. Eur./USP
Sulfite re. anaer. Spores	< 10 cfu/g	AFNOR NF V59-106
Escherichia coli	negative/10 g	Ph. Eur./USP mod.
Salmonella	negative/25 g	ISO 6579

* The parameter is monitored according to an internal quality programme

Shelf Life Under dry and odourless conditions **VERISOL® B** can be stored in the original unopened packaging at ambient temperatures (< 30 °C) for 5 years without loss of quality.

Packages Multi-ply REPA paper bags with PE-liner containing 15 kg net.

This information is based on our present state of knowledge and is intended to provide general information on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale, and our quality assurance system in accordance with ISO 9001 and FSSC 22000.