

TECHNICAL DATA SHEET

COLLAGEN AMINO ACIDS

Effective date: 04.2025

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Glycerin, Water, Pentylene Glycol, Collagen Amino Acids
Kind of Raw Material	Cosmetic Ingredient
Description	The active ingredient is obtained from the plant Nicotiana benthamiana by transient expression, so that the plant is non-genetically modified.
Natural origin content	99.99%

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Physical parameters

Appearance	Transparent to translucent solution
Color	Colorless
Odor	Characteristic
Density	1,16-1,20
Refractive index	1,41-1,5
Molecular weight	11.37 kDa

Composition

Ingredient	CAS	EINECS	%
Glycerin	56-81-5	200-289-5	Up to 100%
Water	7732-18-5	231-791-2	23.799-32.199%
Pentylene Glycol	5343-92-0	226-285-3	1.7-2.3%
Collagen Amino Acids	-	-	0.000085-0.000115%

Chemical parameters

Total Aerobic microbial count	Max. 100 cfu/g
Total yeast and mould count	Max. 100 cfu/g
Pathogenic germs	Absence in 1 g (Escherichia coli, Staphylococcus aureus, Pseudomonas aeruginosa, Candida albicans)
Heavy metals	Pb < 0.02 ppm Cd < 0.02 ppm Hg < 0.05 ppm As < 0.02 ppm Sb < 0.05 ppm

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TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	To be stored in closed vessels at room temperature, protected from direct light and humidity.
Shelf Life	Min 36 months in unopened container and when stored under proper conditions

LEGISLATION

Regulatory Status	Product complies with Regulation (EU) No. 1223/2009 in all the defined requirements.
GMO status	Product does not come from plants being or having been submitted to a program of genetic modification.
BSE/TSE	Produced in the absence of any animal derived material of any type. No contamination with BSE/ TSE Bovine Spongiform Encephalopathy risk materials is to be expected.
Nanomaterial statement	Not expected to contain any nanomaterial meaning an insoluble or biopersistent and intentionally manufactured material with one or more external dimensions, or an internal structure, on the scale from 1 to 100 nm, as defined in Regulation (EC) No 1223/2009 on cosmetic products and the Commission Recommendation 2011/696/EU.
Gluten- Status	Not expected to contain gluten. The product can be considered as gluten-free as it does not contain ingredients derived from grain (e.g. wheat, rye or barley) or does not contain detectable levels of gluten.
Animal testing	For cosmetic purposes according to EC 1223/2009 no animal tests have been performed.
Information for Vegan Assessment	Vegan and Vegetarian suitable. Manufacture does not involve the use of any animal product, by-product or ingredient. This product meets Vegan requirements, but it is not certified.
Microplastics	The product does not contain any Microplastic according to Annex XVII to REGULATION (EC) No 1907/2006 Of The European Parliament And Of The Council and its amendments.
Irradiation	This product has not been subjected to irradiation.
Other Free from status	Volatile Organic Compound (VOC) as described in Directive 2004/42/CE, Dioxin, Formaldehyde, Phthalates, Ethanol, Palm oil
Cosmetic allergens	This product is not expected to contain any of the 26 substances introduced into Annex III of the European Cosmetics Regulation by the 7 th amendment

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	(EC) No. 2003/15 on the basis of the SCCNFP opinion
Fragrance allergens	This product is not expected to contain any of the 56 allergens listed in the Commission Regulation (EU) 2023/1545, amending Regulation (EC) No 1223/2009 of the European Parliament and of the Council as regards labelling of fragrance allergens in cosmetic products
CMR-Status	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008 and its subsequent amendments.

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.