

Product Information

Product Data Sheet

SYN®-COLL

Product code: 5035740

Description

SYN®-COLL is a patented tripeptide for cosmetic application, easy to formulate with. The tripeptide is esterified with palmitic acid. The unique sequence is Palm-Lys-Val-Lys. SYN®-COLL does not contain intentionally added substances regulated / listed as preservatives.

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Composition

INCI name	Content	CAS No.	EINECS/ELINCS	Chemical name
Palmitoyl Tripeptide-5	0.1-1%	623172-56-5	none	Palmitoyl-lysyl-valyl-lysine bistrifluoroacetate salt
Glycerin	> 50%	56-81-5	200-289-5	Glycerin
Aqua	25-50%	7732-18-5	231-791-2	Water

Specifications

Appearance:	clear to slightly opaque, colourless to yellowish, viscous liquid
Relative density d _{20/20} :	1.150 – 1.220
Refractive index n ₂₅ :	1.410 – 1.440
Peptide content:	900 – 1300 ppm
Total Viable Aerobic Count:	
Total Aerobic Microbial Count (TAMC):	≤ 100 CFU / ml
Total Yeast/Moulds Count (TYMC):	≤ 100 CFU / ml
Specified microorganisms:	Absence in one milliliter

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Solubility

SYN®-COLL is soluble in water.

Stability and storage

SYN®-COLL may be stored for at least 48 months from the date of manufacture in the unopened original container protected from light in a clean place and at a temperature between 2 and 8°C. The 'Best use before' date is printed on the label. Keep package tightly closed. Once opened, use contents quickly. In order to avoid secondary microbial contamination, following opening, the content of the containers should be handled with special care.

Uses

SYN®-COLL is a cosmetic ingredient for skin care products. SYN®-COLL can be processed either warm (for maximum 2 hours at 80°C) or cold. For skin care preparations, the addition of 1 to 3% SYN®-COLL is recommended. Basic Guide Formulations are available upon request.

Patent Information

DSM Nutritional Products Ltd. holds the patent rights for the production and topical application of SYN®-COLL.

Safety

This product is safe for the intended use. Avoid ingestion or direct contact by applying suitable protective measures and personal hygiene.

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Additional information

To find out more about our ingredients, please contact your nearest DSM Nutritional Products office.

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