

## TECHNICAL DATA SHEET

Effective date: 04.2019  
Rev.1

### Peptide-Coll

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Palmitoyl tripeptide-5, Glycerin, Aqua
Description	Patented tripeptide, esterified with palmitic acid, no preservatives
Function	Cosmetic active ingredient

#### TECHNICAL DATA

##### Composition

Substance	%
Palmitoyl Tripeptide-5	0.1 – 1
Glycerin	> 50
Aqua	25 – 50

##### Physical and chemical parameters

Appearance	Viscous liquid
Color	Clear to slightly opaque, colorless to yellowish
Odor	Characteristic, slight
Relative density at 20°C	1.150 –1.220
Refractive index at 25°C	1.410 –1.440
Peptide content	900 – 1300 ppm
Solubility	Soluble in water

##### Biological parameters

Total aerobic mesophilic plate count	< 100 cfu/ ml
Total yeast/mold count	< 100 cfu/ ml
Pseudomonas aeruginosa	Absence in 1ml
Staphylococcus aureus	Absence in 1ml
Candida albicans	Absence in 1ml
Escherichia coli	Absence in 1ml

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#### TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed containers protected from light in a clean place and at a cool temperature, keep dry and avoid humidity. Once opened, use contents quickly. In order to avoid secondary microbial contamination, following opening, the content of the containers should be used immediately since the product does not contain any preservatives. Can be processed either warm (for maximum 2 hours at 80°C) or cold.
Shelf Life	24 months, in closed packaging and the recommended conditions.
Custom tariff	-

#### LEGISLATION

Certification	-
EINECS	-/200-289-5/ 231-791-2
CAS	623172-56-5/ 56-81-5/ 7732-18-5

#### DISCLAIMER

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