

# COLASTIN SP

**CHEMICAL NAME:** Hydrolyzed Collagen and Elastin Complex

INCI name <sup>(1)</sup>	CAS number <sup>(1)</sup>	EINECS number <sup>(1)</sup>
Hydrolyzed Collagen	92113-31-0 / 73049-73-7	295-635-5
Hydrolyzed Elastin	73049-73-7 / 91080-18-1 / 100085-10-7	293-509-4 / 309-148-3
Aqua	7732-18-5	231-791-2
Tetrasodium EDTA	64-02-8	200-573-9
Sodium Benzoate	532-32-1	208-534-8
Potassium Sorbate	590-00-1 / 24634-61-5	246-376-1

(1) Reference: (<http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.simple>), CosIng, Europe.

INCI name <sup>(2)</sup>	CAS number <sup>(2)</sup>	EINECS number <sup>(2)</sup>
Hydrolyzed Collagen	92113-31-0 / 73049-73-7	295-635-5
Hydrolyzed Elastin	73049-73-7 / 91080-18-1 / 100085-10-7	293-509-4 / 309-148-3
Water	7732-18-5	231-791-2
Tetrasodium EDTA	64-02-8	200-573-9
Sodium Benzoate	532-32-1	208-534-8
Potassium Sorbate	590-00-1 / 24634-61-5	246-376-1

(2) Reference: Personal Care Products Council. Available at: (<https://incipedia.personalcarecouncil.org/winci/ingredient-custom-search/>), USA.

## MAIN CONSTITUENTS

**COLASTIN SP** is an aqueous solution of collagen and elastin partially hydrolyzed, of bovine origin. A careful hydrolysis process is performed to obtain peptides and polypeptides for cosmetic application.

**COLASTIN SP** presents good solubility and can be incorporated in cold or hot (50 to 60°C) emulsions and solutions.

## SPECIFICATION

Appearance (25°C)	: Liquid limpid to opalescent
Color	: Pale yellow to ocher
Odor	: Characteristic
pH 100% (25°C)	: 3.00 – 5.00
Density (25°C)	: 1.020 – 1.080 g/cm <sup>3</sup>
Refractive Index (25°C)	: 1.330 – 1.390
Dry Residue (105°C, 4h)	: 1.00 – 20.00 %
Bacteria	: Max. 100 cfu/g
Moulds	: Max. 100 cfu/g

## OTHER AVAILABLE DATA

Protein	: Min. 10 %
Identification	: Spectroscopy UV – according to standard
Preservation	: Sodium sorbate at 0.1 % and potassium sorbate 0.2 %
Solubility	: Soluble in water, glycerin and propylene glycol

## PROPERTIES AND APPLICATION

Moisturizing, conditioner, soothing, restorer, supplier of biological precursors, film-forming agent.

## STORAGE

Store dry and tightly closed, at temperatures below 35°C and protected from sunlight.

**Note:** Product for topical cosmetic formulations. during storage it may get turbid and/or precipitate, but this will not invalidate the product.

## SHELF LIFE

Twenty four (24) months from manufacturing date.

## REFERENCES

1. *CosIng*, Europe (<http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.simple>)
2. Personal Care Products Council; *Online International Cosmetic Ingredient Dictionary & Handbook (wINCI)*; Copyright© 2008 Personal Care Products Council. Available at: <https://incipedia.personalcarecouncil.org/winci/ingredient-custom-search/>, USA.. Accessed in: Apr. 13, 2023.