

A large, vibrant blue ink splash or cloud of paint that originates from the right side of the frame and spreads towards the left, partially overlapping the text. The splash has a textured, organic appearance with various shades of blue and white highlights.

HYDROLYZED PROTEINS

Special
Chemicals



STANDARD PROTEIN HYDROLYZEDS

A 1. - COLLAGEN DERIVATIVES

- NORLAN POLIPÉPTIDOS L
- NORLAN POLIPÉPTIDOS H

A 2. - SILK DERIVATIVES

- NORSILK S

A 3. - KERATIN DERIVATIVES

- KERAPRO S
- KERAPRO PL



A 1. - COLLAGEN DERIVATIVES



These are obtained by painstaking processes from animal skin tissue. Due to their origin, these products have an amino acid composition like human skin.

NORLANPOLIPÉPTIDOS L

A product based on polypeptides (amino acids chains). For this reason, it has a moderately high molecular weight.

Added to cosmetic formulations this product favors the formation of a protective film, which avoids deterioration caused by external factors.

Nº. REACH: 01-2119779799-06-0003

Description

Norlan Polipéptidos L is a hydrosoluble powder, obtained from an enzymatic hydrolysis of collagen.

Physic-chemical characteristics

- External appearance Ivory-white powder
- Odor Characteristic
- pH in 10 % aqueous solution
at room temperature 6,0 – 6,5
- Solubility Soluble in water

Guaranteed richness

- % Total nitrogen Min. 15,5
- % Collagenic protein (Nitrogen x 6,25) Min. 96,8

Other characteristics

- % Humidity Max. 8
- % Mineral salts Max. 5,5

Microbiological analysis

- Total aerobic germs Max. 1×10^3 col / 1g
- Pathogenic germs Negative



NORLAN POLIPÉPTIDOS H

The most characteristic property of NORLAN POLIPÉPTIDOS H it's low iron content which allows it to be used in cosmetic formulations for perms.

Nº. REACH: 01-2119779799-06-0003

Description

Norlan Polipéptidos H is an aqueous solution of polypeptides that has been obtained by means of the treatment of collagen. It contains a very low iron content. What results in a product very suitable to be used in the formulation of perms.

Physic-chemical characteristics

- External appearance Amber liquid
- Odor Characteristic
- pH in 10 % aqueous solution
a room temperature 4,5 – 5,0

Guaranteed richness

- % Total Nitrogen 5,1 – 6,0
- % Collagenic protein (Nitrogen x 6,25) 32 – 38

Other characteristics

- % Dry matter Min. 32
- % Mineral salts Max. 4
- % Qualitative Iron triiodoglucic acid Negative

Microbiological analysis

- Total aerobic germs Max. 5×10^2 col / 1g
- Pathogenic germs Negative

A 2. - SILK DERIVATIVES



NORSILKS

Obtained from natural silk, containing fibroin and sericin. This product is used in the preparation of high-quality shampoos and cosmetics for hair and skin care. With the inclusion of NORSILK in the formulations, the hair and the skin acquire the feel and softness of silk.

Nº. REACH: 01-2119779799-06-0003

Description

Norsilk S is an aqueous solution of hydrolyzed silk, which has been obtained by means of hydrolysis process of natural silk.

Physic-chemical characteristics

- External appearance Amber liquid
- Odor Characteristic
- Density at room temperature 1,14 – 1,18 g /ml
- pH in 10 % aqueous solution
at room temperature 4 – 4,5

Guaranteed richness

- % Total Nitrogen 2,0 – 2,4
- % Natural liquid silk (Nitrogen x 6.25) 12,5 – 15
- % Dry matter Min. 27

Other characteristics

- % Mineral salts..... Max. 16

Microbiological analysis

- Total aerobic germs Max. 3×10^2 col / 1g
- Pathogenic germs Negative

A 3. - KERATIN DERIVATIVES



KERAPROS

Products obtained from keratins which are relatively rich in amino acids containing sulphur.

The composition of KERAPRO S and that of hair are similar, which favors their mutual affinity.

KERAPRO S is highly suitable for the preparation of cosmetics and shampoos intended to protect and regenerate the hair, as well as in nail care formulations.

Nº. REACH: 01-2119779799-06-0003

Kerapro S is an aqueous solution of hydrolyzed keratin. Due to Kerapro S and human hair share the same amino acids composition there is a great affinity between them, for this reason it is recommended for the treatment of damaged hair.

Physic-chemical characteristics

- External appearance Brown liquid
- Odor Characteristic
- Density at room temperature 1,07 – 1,09 g /ml
- pH in 10 % aqueous solution
at room temperature 4 – 4,5

Guaranteed richness

- % Total Nitrogen 2,8 – 3,2
- % Keratinic protein (Nitrogen x 6.25) 17,5 – 20
- % Dry matter Min. 21,4

Other characteristics

- % Mineral salts..... Max. 2

Microbiological analysis

- Total aerobic germs Max. 3×10^2 col / 1g
- Pathogenic germs Negative



KERAPRO PL

Nº. REACH: 01-2119779799-06-0003

Description

Kerapro PL is hydrolyzed keratin. Its amino acids composition is very similar to the protein of human hair. Its amino acids profile is outstanding by the presence of sulphur amino acids. Its use is specially recommended for the treatment of damaged hair.

KERAPRO PL is the powder version product of KERAPRO S.

Physic-chemical characteristics

- External appearance Fine brown powder.
- Odor Characteristic
- pH in 10 % aqueous solution at room temperature..... 5 – 5,5

Guaranteed richness

- % Total Nitrogen Min. 13
- % Keratinic protein (Nitrogen x 6,25) Min. 81,2

Other characteristics

- % Mineral salts..... Max. 8
- % Humidity Max. 7,5

Microbiological analysis

- Total aerobic germs Max. 1×10^3 col / 1g
- Pathogenic germs Negative