

BIO PROTEINOL PF

Placental extract for cosmetic use

INCI NAME:

Placental Protein

DOSE OF USE:

5-10%

SOLUBILITY:

Soluble in water and alcohol (max. 30°)

PRESERVATIVES:

Paraben Free

COSMETIC USE:

- › Lightening activity on skin
- › Stimulates the hair strength. Great effects in lotions and shampoos
- › Soothing natural liquid and eutrophic-healing. This property makes it ideal for after-shave preparations
- › Excellent tissular and cellular moisturizer. Restores the ionic equilibrium.
- › Astringent. Natural homeostatic agent

DESCRIPTION:

BIO PROTEINOL PF is a biological extract from bovine placenta selected between the third and fourth month of gestation and controlled by licensed veterinarians. Hormone and estrogens free.

It is of most importance that the placenta is collected at the right time to avoid problems of hormone transfer and also to be able to use the benefits of a still rich product. If the placenta is collected after-birth, it will of poor nutritious elements and it will have a significant risk of high hormone content.

BIO PROTEINOL PF is a natural physiological balanced medium ideal for the treatment of the skin and hair.

Its composition is rich in the following:

Biochemical elements:

- › Proteins: Macroglobulines, Glycoproteins, Lipoproteins
- › Enzymes: Alkaline Prophetesses, Acid Phosphates, Desaminases, Lactic-deshydrogenase.
- › Lipids: Glycerides, Phospholipides.
- › Glucids: Hexose, Glucose, Hexosamines, Polysaccharides.
- › Other: Urea, Uric acid, Creatinine.

Mineral elements:

- › Anions: Phosphates, Chlorures and Sulfates
- › Cations: Calcium, Sodium, Potassium, Magnesium
- › Oligo-Elements.

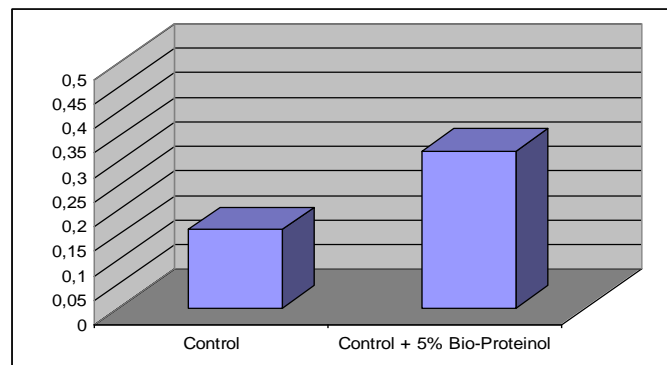
PROPERTIES:

BIO PROTEINOL PF has been used for years in special treatments for skin and hair. It is an especially well-known active for its use at anti hair-loss products.

- ✓ Stimulates the hair strength. Great effects in lotions and shampoos
- ✓ Stimulates the oxygen consumption of epithelial cells. Stimulates the cell's metabolic process.
- ✓ Excellent tissular and cellular moisturizer. Restores the ionic equilibrium.
- ✓ It is a natural emulsifier, a bio-detergent for fats and oils. Natural non-irritant cleanser agent.
- ✓ Complete agent for skin nutrition and hydration.
- ✓ Sterile biological vehicle. Induces the penetration of other active ingredients.



Efficacy Test: Oxygen consumption ($\mu\text{mol/h/mg}$ of proteins)



N a t u r a l l y E f f e c t i v e