BLUE CAP® *BODY MILK*

Table 1. Blue Cap® *Body Milk qualitative and quantitative composition.*

INGREDIENTS	%
Aqua q.s.p.	100
Isopropyl palmitate	3.0
Glycerin	3.0
Diethylhexyl carbonate	2.0
Cyclopentasiloxane	1.9
Ectoin	1.0
Cetyl Alcohol	0.825
Glyceryl Stearate	0.825
PEG-75 Stearate	0.425
Ceteth-20	0.2125
Steareth -20	0.2125
Cyclohexasiloxane	0.1
Ceramide NP	0.02
Ceramide AP	0.01
Ceramide EOP	0.00002
Phytoesphingosine	0.01
Cholesterol	0.01
Sodium Lauroyl Lactylate	0.2
Carbomer	0.006
Xantan Gum	0.006
Methylparaben	0.006
Propylparaben	0.004
Phenoxyethanol	0.9
Ethylhexylglycerin	0.1
Stearyl Alcohol	0.6
Metyl gluceth-20	0.5
BHT	0.5
BHA	0.5
Bisabolol	0.5
Diazolidinyl urea	0.2
Piroctone Olamine	0.2
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.2
Tocopheryl acetate	0.1
Sodium hydroxide	0.04
Parfum, Benzyl Alcohol, Cinnamyl Alcohol, Coumarin, Isoeugenol, Hexyl Cinnamal, Linalool, Citronellol, Geraniol, Alpha-Isomethyl Ionone, Benzyl Salicylate	0.3

PEG (polyethylene glycols); **BHT** (hydroxytoluene butylate); **BHA** (butylated hydroxyanisole).

Description of the biological attributes of Blue Cap® *Body Milk* product components, developed by Laboratorios Catalysis S.L., a dermocosmetic product which contributes to skin care and hydration. It helps to repair damaged and dry skin. It also contributes to the skin barrier repair.

Main ingredients:

- **Isopropyl palmitate**. An emollient, thickening, moisturizing, binding and antistatic agent. It facilitates the skin absorption of the products, creating a layer which helps to maintain the skin hydrated.[1,2]
- **Glycerin**. Natural moisturizing which helps to maintain the skin softness and elasticity, improving its hydration.[3-5]
- **Diethylhexyil carbonate**. It contributes to skin reconditioning by improving its softness and flexibility. [6]
- **Cylopentasiloxane.** Skin emollient and conditioner. [7]
- **Ectoin**. It contributes to skin care and protection. It boosts skin hydration retaining. [8-9]
- **Ceramide NP**. Ceramides belong to the natural defense skin lipid barrier. It helps to maintain the skin homeostasis, as well as the substances absorption. It takes part in the skin cell differentiation process and its various layers. [10-12]
- **Ceramide AP**. They are part of the composition and of the natural defense skin barrier. It helps to keep its physical integrity. [13]
- **Ceramide EOP.** It is also part of the natural composition of the skin. It helps to maintain homeostasis and hydration of the skin. It also helps to the physical defense barrier. [14]
- **Phytosphingosine**. It is crucial in the natural defense skin barrier development process. It provides a better absorption way for the elements on the skin through the membrane permeability. It also helps to control the melanogenesis process under deregulation circumstances. [15-17]
- **Cholesterol**. It is part of the plasma membrane of the skin cells, as of the natural defense skin barrier secretion process. It allows the passage of the different compounds through the cell membranes. [18]
- **Sodium Lauroyl Lactylate**. Vegetal made emulsifier which facilitates the control over the skin microbiome as well as the skin maintenance. It also boosts the control over the inflammatory processes of the skin. [19,20]
- **BHT**. It helps to control the oxidative processes of the skin, as for example, the photosensitization or the irradiation ones. [21-23]
- **BHA (butylated hydroxyanisole)**. Facilitates the control over the oxidative damage produced on the skin by oxidative processes due to irradiation. [24]
- **Bisabolol**. Regulates the function of the skin and the inflammatory processes that take place on it. [25]
- **Piroctone olamine**. It helps to control the homeostasis of the skin and the inflammation processes that take place on it. It also helps to mature and develop the different skin cells and restores the regular cell cycle of keratinocytes. [26-29]
- **Tocopheryl acetate**. It regenerates the skin during cicatrization process. It helps to control the oxidative damage of the skin when it faces chemical and physical stress processes. It helps to control the inflammatory process on the skin. [30,31]

Instructions for use:

Apply once a day.

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