

CERAMIDES AND PHYTOSPHYNGOSINES LIPOSOMES

CODE: CERV-1

Date of last amendment: 11.06.2025

INCI name: WATER (AQUA) (AND) CERAMIDE NP (AND) PHYTOSPHINGOSINE (AND) PHOSPHOLIPIDS (AND) PHENOXYETHANOL (AND) CHOLESTEROL (AND) CARBOMER (AND) XANTHAN GUM.

CHARACTERISTICS: Ceramides, Phytosphingosines, Phospholipids and Cholesterol liposomes encapsulating water and thickened with carbomer and xanthan gum.

PROPERTIES: Improves skin hydration, elasticity, and the epidermis barrier. CERV-1 help to balance the hydrolipidic layer of the skin: this layer has multiple benefits to keep the outer barrier of the skin hydrated. Protects the skin-

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	95,500	7732-18-5
Ceramide NP	1,000	34354-88-6/100403-19-8 (generic)
Phytosphingosine	1,000	554-62-1
Phospholipids	1,000	123465-35-0
Phenoxyethanol	1,000	122-99-6
Cholesterol	0,250	57-88-5
Carbomer	0,125	9007-20-9
Xanthan Gum	0,125	11138-66-2

Color:	White to light yellow
Appearance:	Semi-translucent to opalescent viscous fluid. Absence of foreign matter
Odor:	Mild, characteristic
Manufacturing method:	Microfluidization
Particle Size:	100 - 500 nm (Dynamic Laser Scattering)
Net charge:	Slightly negative (Zeta Potential)
pH:	6,00 to 7,50 (USP XXVII) (a 25°C)
Density	0,950 - 1,040 (USP XXVII) (picnometría) (a 20°C)
Dry residue:	4,50 gr.% min. (0.5 gr. 1 hour 110° C)
Microbiological control:	Mesophilic bacteria: less than 200 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

Keep refrigerated (5-15°C / 40-60°F). Do not freeze. Protect from light. Shake before use.

COSMETIC USE