

NANOVECTOR MICROBIOME REPAIR AND RESTORATION WITH PREBIOTICS AND POSTBIOTICS

CODE: LIPCUAT-46

Date of last amendment: 20.03.2023

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) FUCUS VESICULOSUS EXTRACT (AND) SPIRULINA PLATENSIS EXTRACT (AND) SACCHAROMYCES CEREVISIAE EXTRACT (AND) XYLITOL (AND) INULIN (AND) PHENOXYETHANOL (AND) SODIUM ASCORBYL PHOSPHATE (AND) TOCOPHERYL ACETATE.

DESCRIPTION: Nanodispersion of soy lecithin phospholipids with a net positive charge of high substantivity with the hair, encapsulating prebiotics and postbiotics (yeast cell extract, Fucus algae extract, Spirulina algae extract, Xylitol, Inulin) Stabilized Vitamin C and Vitamin E, both as antioxidants.

PROPERTIES: It has a repairing effect on the hair fiber and restores the microbiome of the hair and scalp. It contains prebiotics such as xylitol, inulin, and algae extracts, and postbiotics such as live yeast cell extract, which promote a healthy microbiome. It also has antioxidant action thanks to vitamins C and E, which counteract free radicals and oxidizing agents that damage hair during chemical processes. Seaweed, rich in polysaccharides and B vitamins, restores hair's natural moisture and elasticity. Spirulina and Fucus algae also stand out for their antioxidant power. It also has anti-pollution properties.

NAME OF INGREDIENT - INCI ADOPTED NAME	% (weight)	CAS #
Water (Aqua)	66,050	7732-18-5
Phospholipids	10,000	123465-35-0
Polyquaternium-16	10,000	95144-24-4
Fucus Vesiculosus Extract	5,000	84696-13-9
Spirulina Platensis Extract	5,000	223751-80-2
Saccharomyces Cerevisiae Extract)	1,000	84604-16-0
Xylitol	1,000	87-99-0
Inulin	1,000	9005-80-5
Sodium Ascorbyl Phosphate	0,100	66170-10-3
Tocopheryl Acetate	0,100	7695-91-2 / 58-95-7
Conservants: Phenoxyethanol	0,750	122-99-6

Particle size:	100 – 300 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Color:	Amber
Appearance:	Liquid to medium-viscous fluid with a semi-translucent to opalescent appearance.
Odor:	Characteristic
pH:	5.00 – 7.00 (USP XXVII) (25° C)
Density:	0.980 – 1.050 (USP XXVII) (pycnometer)
Dry residue:	18 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 in fresh place (5 - 25°C / 40 - 77°F). Do not freeze. Protect from light. As phases may separate, shake before use.

EXTERNAL COSMETIC USE