

NAIL STRENGTHENING LIPOSOMES

CODE: LIP-87

Date of last amendment: 16.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) HYDROLYZED KERATIN (AND) D-PANTHENOL (AND) PHENOXYETHANOL (AND) TOCOPHERYL ACETATE (AND) RETINYL PALMITATE (AND) BIOTIN (AND) CAPRYLYL GLYCOL.

DESCRIPTION: LIP-87 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Hydrolyzed Keratin, Panthenol, Vitamin E, Vitamin A and Biotin to the target cells. This exclusive selection of active ingredients helps to improve nail strengthening and preventing nail damage, flaking and breakage.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	72.575	7732-18-5
Phospholipids	10.000	123465-35-0
Polyquaternium-16	10.000	95144-24-4
Hydrolyzed Keratin	5.000	69430-36-0
D-Panthenol	1.000	81-13-0 / 16485-10-2
Tocopheryl Acetate	0.125	7695-91-2 / 58-95-7
Retinyl Palmitate	0.100	79-81-2
Biotin	0.100	58-85-5
Preservatives:		
Phenoxyethanol	0.900	122-99-6
Caprylyl Glycol	0.020	1117-86-8

Particle size:	100 – 300 nm (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Type of liposome:	Oligo-unilamellar
Color:	Yellow to brownish
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter.
Odor:	Mild, characteristic
pH:	5.00 – 7.00 (25°) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry Residue:	18 gr.% minimum (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). Do not freeze. Protect from light. Shake before use.

EXTERNAL COSMETIC USE