

ELASTIC LIPOSOMES ENCAPSULATING BIOTINOYL TRIPEPTIDE-1 (Stimulates hair growth)

CODE: ELIPH-4

Date of last amendment: 06.03.2023

INCI name: WATER (AQUA) (AND) PROPANEDIOL (AND) HYDROGENATED PHOSPHATIDYLCHOLINE (AND)) CAPRYLIC/ CAPRIC TRIGLYCERIDE (AND) LINOLEIC ACID (AND) CAPRYLYL GLYCOL (AND) BIOTINOYL TRIPEPTIDE-1 (AND) TOCOPHERYL ACETATE.

CHARACTERISTICS: Liposomes of hydrogenated phosphatidylcholine, pharma grade (not genetically modified) and Linoleic acid, which encapsulate and transport Biotinoyl Tripeptide-1 and Vitamin E Acetate as an antioxidant and membrane stabilizer.

PROPERTIES: Biotinoyl tripeptide-1 helps stimulate hair follicles, resulting in the growth and anchoring of hair and facial hair. Strengthens hair, eyelashes, eyebrows and beard.
Helps reduce hair loss, provides volume, thickness and promotes growth.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	87,800	7732-18-5
Hydrogenated Phosphatidylcholine	3,000	97281-48-6
Caprylic/ Capric Triglyceride	3,000	73398-61-5/ 65381-09-1
Linoleic acid	0,500	60-33-3
Biotinoyl Tripeptide-1	0,100	-----
Tocopheryl Acetate	0,100	7695-91-2 / 58-95-7
Conservantes:		
Propanediol	5,000	504-63-2 / 26264-14-2
Caprylyl Glycol	0,500	1117-86-8

Particle size:	110 – 300 nm (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	White to brownish
Appearance:	Opalescent liquid. Absence of foreign matter
Odor:	Mild, pleasant
pH:	5.00 – 7.00 (25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	7.00 gr % minimum (0.5 gr. 1 hour 110° C)
Microbiological control:	Mesophilic bacteria: less than 100 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