NanoVec™

SPECIFICATIONS - TDS

ELASTIC LIPOSOMES ENCAPSULATING ACETYL HEXAPEPTIDE 8 and VITAMIN E

CODE: ELIPH-1

Date of last amendment: 03.05.2024

INCI name: WATER (AQUA) (AND) PROPANEDIOL (AND) HYDROGENTATED PHOSPHATIDYLCHOLINE (AND) CAPRYLIC/ CAPRIC TRIGLYCERIDE (AND) LINOLEIC ACID (AND) CAPRYLYL GLYCOL (AND) ACETYL HEXAPEPTIDE-8 (AND) TOCOPHERYL ACETATE.

CHARACTERISTICS: Hydrogenated phosphatidylcholine liposomes that encapsulate and transport Acetyl Hexapeptide-8 and Vitamin E Acetate as an antioxidant and membrane stabilizer.

PROPERTIES: Acetyl Hexapeptide-8 is intended to induce muscle relaxation, helping to reduce and prevent the formation of fine expression wrinkles. Liposomes penetrate deeply through the skin, optimizing their bioavailability. On the other hand, ELIPH-1 is an antioxidant thanks to its Vitamin E content.

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
Acetyl Hexapeptide-8	0,100	616204-22-9
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 – 7.50 (25ºC) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20ºC) (USP XXVII)
Dry residue:	8.00 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