NanoVec™

SPECIFICATIONS - TDS

MULTIPEPTIDES ELASTIC LIPOSOMES

CODE: ELIPH-6

Date of last amendment: 27.05.2025

INCI name: WATER (AQUA) (AND) PROPANEDIOL (AND) HYDROGENTATED PHOSPHATIDYLCHOLINE (AND)) CAPRYLIC/ CAPRIC TRIGLYCERIDE (AND) LINOLEIC ACID (AND) CAPRYLYL GLYCOL (AND) TOCOPHERYL ACETATE (AND) ACETYL HEXAPEPTIDE-8 (AND) ACETYL HEPTAPEPTIDE-9 (AND) PALMITOYL PENTAPEPTIDE-4 (AND) COPPER TRIPEPTIDE-1.

CHARACTERISTIC: Hydrogenated phosphatidylcholine liposomes that encapsulate and transport Acetyl Hexapeptide-8, Acetyl Heptapeptide-9, Palmitoyl Pentapeptide-4, Copper Tripeptide-1 and Vitamin E Acetate as antioxidant and membrane stabilizer.

PROPERTIES: Multipeptide liposomes protect the extracellular matrix and help reduce and prevent the formation of fine expression wrinkles. Liposomes penetrate deeply through the skin optimizing their bioavailability. On the other hand, ELIPH-6 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
Tocopheryl Acetate	0,100	7695-91-2 / 58-95-7
Acetyl Hexapeptide-8	0,025	616204-22-9
Acetyl Heptapeptide-9	0,025	--------
Palmitoyl Pentapeptide-4	0,025	--------
Cooper Tripeptide-1	0,025	--------
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 slightly gray or bluish
Appearance:	Opalescent liquid. Absence of foreign matter
Odor:	Characteristic
pH:	5.00 – 7.00 (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