

MOISTURIZING VITAMIN A & E LIPOSOMES

CODE: LIP-59

Date of last amendment: 15.12.2021

INCI name: WATER (AND) PHOSPHOLIPIDS (AND) PHENOXYETHANOL (AND) RETINYL PALMITATE (AND) TOCOPHERYL ACETATE (AND) CAPRYLYL GLYCOL.

DESCRIPTION: Non-genetically modified soy lecithin purified phospholipid liposomes that encapsulate and transport Vitamin A palmitate and Vitamin E acetate as an antioxidant and membrane stabilizer.

COMPOSITION (INCI NAME)	CAS #	% (weight)
Water (Aqua)	7732-18-5	87,900
Phospholipids	123465-35-0	10,000
Retinyl Palmitate	79-81-2	0,500
Tocopheryl Acetate	7695-91-2 / 58-95-7	0,500
Conservantes:		
Phenoxyethanol	122-99-6	0,900
Caprylyl Glycol	1117-86-8	0,200

Particle size:	100 – 500 nm (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	Light yellow
Appearance:	Opalescent liquid
Odor:	Mild, pleasant.
pH:	6.00 – 7.50 (25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	10.00 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