

## VITAMIN A LIPOSOMES

CODE: LIP-24

Date of last amendment: 15.12.2021

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

**DESCRIPTION:** LIP-24 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Vitamin A to the target cells. Retinyl Palmitate is a small molecule, which has the ability to penetrate the outer layers of the skin and work to repair the lower layers where collagen and elastin reside, providing outstanding anti-aging effects.

COMPOSITION (INCI NAME)	CAS #	% (weight)
Water (Aqua)	7732-18-5	87.750
Phospholipids	123465-35-0	10.000
Retinyl Palmitate	79-81-2	1.000
Tocopheryl Acetate	7695-91-2 / 58-95-7	0.150
<b>Preservatives:</b>		
Caprylyl Glycol	1117-86-8	0.200
Phenoxyethanol	122-99-6	0.900

Particle size:	100 – 500 nm. (D.L.S.)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Color:	Yellowish white
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:	15.0 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**