

## CARROT OIL NANOME

**CODE:** LIP-18

Date of last amendment: 04.04.2023

**INCI name:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) DAUCUS CAROTA SATIVA SEED OIL (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (AND) TOCOPHERYL ACETATE.

**DESCRIPTION:** LIP-18 is composed of purified non-genetically modified phospholipids. These natural delivery systems encapsulate and transport carrot oil to the deeper layers of the stratum corneum. Its topical application has antioxidant, anti-aging, skin-soothing effects and also protects cells from oxidative damage. Carrot oil hydrates and nourishes the skin. LIP-18 also contains Vitamin E as an antioxidant and membrane stabilizer.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	83,875	7732-18-5
Phospholipids	10,000	123465-35-0
Daucus carota sativa seed oil	5,000	8015-88-1 / 84929-61-3
Tocopheryl acetate	0,025	7695-91-5 / 58-95-7
<b>Conservantes:</b>		
Caprylyl Glycol	0,200	1117-86-8
Phenoxyethanol	0,900	122-99-6

<b>Particle size:</b>	100 – 500 nm (DLS)
<b>Manufacturing method:</b>	Microfluidization.
<b>Net charge of the liposome:</b>	Negative.
<b>Color:</b>	Yellow to slightly Orange.
<b>Appearance:</b>	Semi-translucent to opalescent liquid.
<b>Odor:</b>	Characteristic, mild.
<b>pH:</b>	5.50 – 7.00 (25°C) (USP XXVII).
<b>Density:</b>	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII).
<b>Dry residue:</b>	20.0 gr % minimum (0.5 gr. 1 hour 110° C).
<b>Microbiological control:</b>	Aerobic Mesophylls: less than 200 CFU/gr. Molds& 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**