

## ANTI-INFLAMMATORY PHYTO-LIPOSOMES

CODE: LIP-76

Date of last amendment: 16.12.2021

**INCI Name:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) HAMAMELIS VIRGINIANA LEAF EXTRACT (AND) MALVA SYLVESTRIS EXTRACT (AND) TILIA CORDATA EXTRACT (AND) SORBITAN CAPRYLATE (AND) PROPANEDIOL (AND) BENZOIC ACID (AND) TOCOPHERL ACETATE.

**DESCRIPTION:** LIP-76 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Vitamin A palmitate, Vitamin E acetate, water and urea to the target cells. This carefully selected blend of active ingredients is anti-irritant, relieving, moisturizing and anti-free radicals. Recommended for sensitive and atopic skin formulations.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	73.475	7732-18-5
Phospholipids	10.000	123465-35-0
Hamamelis Virginiana Leaf Extract	5.000	84696-19-5
Malva Sylvestris Extract	5.000	84082-57-5
Tilia Cordata Extract	5.000	84929-52-2
Tocopheryl Acetate	0.025	7695-91-2 / 58-95-7
<b>Preservatives:</b>		
Sorbitan Caprylate	0.975	60177-36-8
Propanediol	0.300	504-63-2 / 26264-14-2
Benzoic Acid	0.225	65-85-0

Particle size:	110 – 300 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	Yellow to amber
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter
Odor:	Mild, pleasant
pH:	4.50 – 6.00 (25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	12 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**