

VITAMIN C LIPOSOMES (5 % Ascorbic Acid)

CODE: LIPH-200

Date of last amendment: 13.05.2024

INCI name: WATER (AQUA) (AND) ASCORBIC ACID (AND) HYDROGENATED PHOSPHATIDYLCHOLINE (AND) PROPANEDIOL (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) CAPRYLYL GLYCOL (AND) TOCOPHEROL.

DESCRIPTION: Hydrogenated phosphatidylcholine liposomes that encapsulate and transport Vitamin C (ascorbic acid) and Vitamin E Acetate as a membrane stabilizer and antioxidant.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	81,400	7732-18-5
Ascorbic Acid	5,000	50-81-7/ 62624-30-0
Hydrogenated Phosphatidylcholine	5,000	97281-48-6
Caprylic/Capric Triglyceride	3,000	73398-61-5/ 65381-09-1
Tocopherol	0,100	59-02-9
Conservantes:		
Propanediol	5,000	504-63-2 / 26264-14-2
Caprylyl Glycol	0,500	1117-86-8

Particle size:	100 – 500 nm (DLS).
Manufacturing method:	Microfluidization.
Net charge of the liposome:	Negative.
Type of liposome:	Oligo-unilamellar.
Color:	White to light Brown.
Appearance:	Fluid: Liquid to partially viscous, opalescent in appearance.
Odor:	Characteristic.
pH:	2,00 – 4,00 (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:	Aerobic mesophilic bacteria: less than 100 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.
Sodium Ascorbyl Phosphate Assay	5% +-0,50% (HPLC determination)

Keep refrigerated (5-15°C). Do not freeze. Protect from light. Shake before use.

EXTERNAL COSMETIC USE