

STABILIZED VITAMIN C LIPOSOMES

CODE: LIPH-120		Date of last amendment: 13.05.2024	
INCI name: WATER (AQUA) (AND) HYDROGENATED PHOSPHATIDYLCHOLINE (AND) PROPANEDIOL (AND) SODIUM ASCORBYL PHOSPHATE (AND) MAGNESIUM ASCORBYL PHOSPHATE (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) CAPRYLYL GLYCOL (AND) TOCOPHEROL.			
DESCRIPTION: Hydrogenated phosphatidylcholine liposomes encapsulating Sodium Ascorbyl Phosphate and Vitamin E as an antioxidant and membrane stabilizer.			
COMPOSITION (INCI NAME)		% (weight)	CAS #
Water (Aqua)		83,400	7732-18-5
Hydrogenated Phosphatidylcholine		5,000	97281-48-6
Sodium Ascorbyl Phosphate		4,000	66170-10-3
Magnesium Ascorbyl Phosphate		1,000	114040-31-2/ 113170-55-1
Caprylic/Capric Triglyceride		1,000	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. <i>The product may change viscosity over time until it forms a cream. This does not alter its properties.</i>		
Odor:	Characteristic.		
pH:	5,00 – 7,00 (25°C) (USP XXVII).		
Density:	0,980 – 1,050 (pycnometer) (20°C) (USP XXVII).		
Dry residue:	15,00 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