

ANTIOXIDANT AND CELL PROTECTOR LIPOSOMES WITH ECTOIN

CODE: LIPH-73

Date of last amendment: 25.03.2022

INCI name: WATER (AQUA) (AND) HYDROGENATED PHOSPHATIDYLCHOLINE (AND) CAPRYLIC/ CAPRIC TRIGLYCERIDE (AND) ECTOIN (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (AND) TOCOPHERYL ACETATE.

DESCRIPTION: Hydrogenated phosphatidylcholine liposomes that encapsulate and transport Ectoin and Vitamin E Acetate, both with antioxidant and cell protective action.

COMPOSITION (INCI NAME)	CAS #	% (weight)
Water (Aqua)	7732-18-5	87,650
Hydrogenated Phosphatidylcholine	97281-48-6	5,000
Caprylic/ Capric Triglyceride	73398-61-5/ 65381-09-1	5,000
Ectoin	96702-03-3	1,000
Tocopheryl Acetate	7695-91-2 / 58-95-7	0,150
Conservantes:		
Phenoxyethanol	122-99-6	0,900
Caprylyl Glycol	1117-86-8	0,300

Particle size:	100 – 500 nm (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	white to brownish white
Appearance:	Opalescent liquid
Odor:	Characteristic
pH:	6.00 – 7.50 (25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dryresidue:	12.00 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